Arborist Report
Millcroft Golf Club – Areas A - E

Prepared For:

Millcroft Greens Corporation

Prepared By:

Beacon Environmental Limited

Date:	*Project:*
2025-04-03	**216081.3**

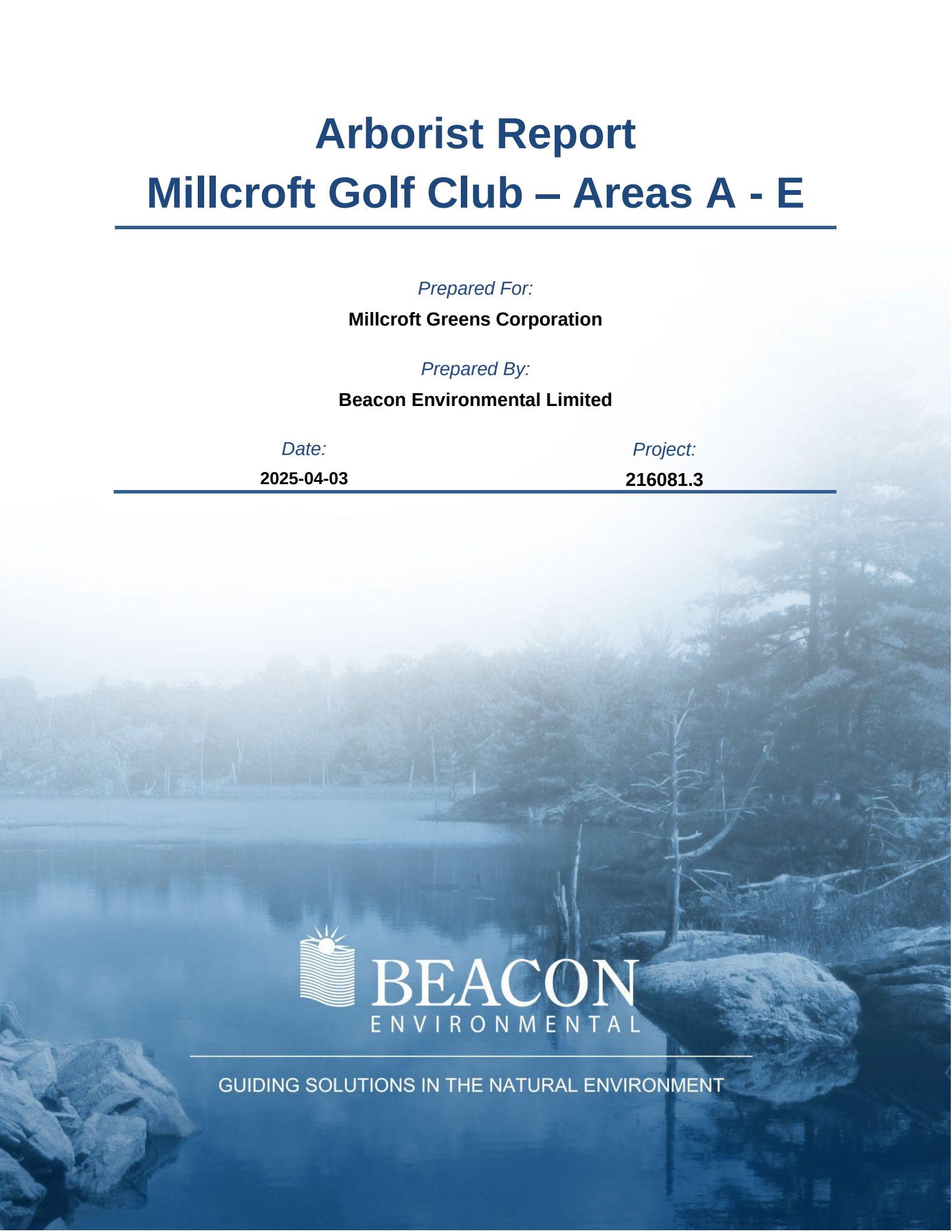


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Report Versions Issued

Version	Date	Revisions
1.	December 2020	Submission
2.	March 2022	Resubmission
3.	June 2023	Resubmission
4.	September 2023	Issued for OLT Without Prejudice
5.	December 2023	Issued for OLT
6.	July 2024	Resubmission
7.	December 2024	Resubmission
8.	January 2025	Resubmission
9.	April 2025	Resubmission

1. Introduction

Beacon Environmental Limited (Beacon), in collaboration with Terrastory Environmental Consulting (Terrastory), was retained by Argo (Millcroft Greens) Land Development Limited to assist with studies required in support of a proposed residential development on the Millcroft Golf Club properties located at 2155 Country Club Drive (Areas A – D) and 4274 Dundas Street (Area E), in the City of Burlington, hereafter referred to as the subject property.

Several refinements to the proposed development have been made since December 2023. Notably, basement depths have been increased from eight feet to ten feet in depth, necessitating greater space for excavation, and the location of the proposed stormwater pipe extending along the linear park area between Areas A and B has been shifted eastward under the pathway to avoid impacts to trees in private backyards. In addition, Millcroft Greens, Terrastory, and Urbantech Consulting have worked with the builder (Hunt Design Associates Inc.), to clarify excavation limits associated with the housing products being offered. These excavation limits have been included in the tree protection plan drawings to assist with the City's review.

The subject property corresponds with golf course holes #1, #6, #7, #16, and the golf course works yard located off Dundas Street. The total area covered by the subject properties is 13.43 ha. These holes are discrete areas divided by an existing residential subdivision and associated roads. For the purposes of this report each discrete area will be analysed separately as they are spatially separate. These areas have each been given letter names which will be used throughout this report (**Figure 1**, **Table 1**).

Table 1. Golf Course Holes/Areas and Corresponding Letter Names

Corresponding Letter Name	Millcroft Golf Course Hole Number
Area A	Hole #6
Area B	Hole #7
Area C	Hole #1
Area D	Hole #16
Area E	Works Yard

Tree impacts, including impacts to trees on adjacent lands (e.g., private rear yards), were re-assessed following receipt of detailed development designs and grading plans from Urbantech Consulting, Hunt Design Associates Inc. and NAK Design Strategies in January 2025.

Updates to the approach to compensation for tree removals were incorporated into this report in accordance with direction received from the City of Burlington in March 2025. Further details on the approach to tree compensation is contained in **Section 2**.

1.1 Site Context: Area A

Area A covers a total of 5.87 ha of golf course lands and is bordered by existing residential development on the north and south sides, Upper Middle Drive and an elevated Canadian National Railway (CNR) line bordering the eastern side, with Millcroft Park Drive abutting the western edge. The perimeter of this Area is lined with planted trees varying in species and age.

Appleby Creek traverses this Area from east to west. Appleby Creek and its corridor is designated as part of the Region of Halton Natural Heritage System (RNHS). At the southerly limit, there is a large online pond that is used for irrigation of the golf course.

1.2 Site Context: Area B

Area B covers a total of 3.62 ha of golf course lands and is bordered by existing residential development on the north and south sides, Upper Middle Drive and an elevated CNR line bordering the eastern side, and Millcroft Park Drive abutting the western edge. The perimeter of this Area is lined with planted trees varying in species and age.

1.3 Site Context: Area C

Area C covers a total of 1.7 ha of golf course lands and is bordered by existing residential development and Country Club Drive. This Area includes an existing 9 m wide pipeline easement. The perimeter of this Area is lined with planted trees varying in species and age.

1.4 Site Context: Area D

Area D covers a total of 0.75 ha of golf course lands and is bordered by existing residential development to the east, golf course lands to the north and west, and Millcroft Park Drive to the south. The perimeter of this Area is lined with planted trees varying in species and age.

1.5 Site Context: Area E

Area E covers a total of 0.65 ha and is currently occupied by a works yard associated with the existing golf course. This includes one large structure and surrounding turf and landscape tree plantings. The Area is bordered on the south side by residential development, Dundas Street on the western side, and open space within a hydro right-of-way adjacent to a golf course fairway to the east.



Legend

Subject Property, Areas A-E

Golf Course Hole/Area	Corresponding Letter Name
Hole #1	C
Hole #6	A
Hole #7	B
Hole #16	D
Works Yard	E

Subject Properties | **Figure 1**

Millcroft Golf Club

BEACON ENVIRONMENTAL

Project: 216081.3
Last Revised: March, 2022

Client: Millcroft Greens Corporation

Prepared by: SZ
Checked by: TS

1:7,500

0 150 300 m

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C:\ODB\OneDrive - Beacon Environmental\GeoSpatial\Geo Projects\2016\216081\MXD\2022-03-11_Figure01_SubjectProperties_216081.mxd

2. Methodology

An inventory and assessment of all trees within the development lands and adjacent public lands and having a diameter at breast height (DBH) of 10 centimetres or more was completed on September 10th, 2018 and September 17th, 2019 in accordance with City of Burlington standards by Beacon Arborists certified by the International Society of Arboriculture (ISA). Additional trees, i.e., those on private property, measuring at least 5 cm DBH and recently planted trees within the Country Club Drive right-of-way near Area C were inventoried and assessed on June 28th 2024 by a Terrastory ISA-certified Arborist and qualified assistant in accordance with City of Burlington standards. Trees that were inventoried in 2018 and 2019 were not reassessed in 2024.

Information collected include species, DBH, crown size, health and condition. The DBH of trees within private lands was estimated to the nearest 5 cm where feasible (note that some trees were behind wood privacy fences that obscured the trunk at breast height); tree structure and health were also estimated based on observations made from within the golf course and/or publicly accessible lands. The aggregate diameter measurement for multi-stemmed trees was calculated using the square root of the sum of squares for each stem, rounded to the nearest cm. In the tree tables, this calculated DBH is included in brackets next to the DBH of each individual stem.

Each tree was assigned a condition rating of good, fair, poor, or dead, based on the following criteria:

- ***Poor*** – Severe dieback, significant lean, missing leader, major defects, significant decay and/or disease presence;
- ***Fair*** – Moderate dieback and/or lean, limb defects, multiple stems, moderate foliage damage from stress;
- ***Good*** – Healthy vigorous growth, minor visible defects or damage; or
- ***Dead*** – No live growth.

Tree condition was assessed based on presence and severity of flaws, damage, evidence of pests or diseases, structural condition, dead or dying branches, or other decline indicators.

Trees surveyed in 2024 (i.e., those on private lands) were not tagged. These trees were given alphanumeric identifiers according to the adjacent development area (e.g., trees adjacent to Areas A and B were given alphanumeric identifiers starting with the letter A, trees adjacent to Area C were given alphanumeric identifiers starting with the letter C, etc.). For the purpose of this report, tree numbers A1 – A107 are considered to be adjacent to Area A, and trees A108 – A210 are considered to be adjacent to Area B. Tree locations were surveyed by Terrastory using a high-accuracy GPS unit.

Trees on the golf course were tagged with metal numbered labels using a staple gun. The location of each tree for Areas A and B was surveyed by Rady-Pentek & Edward Surveying Ltd., a Registered Ontario Land Surveyor. Tree locations within Areas C, D, and E were recorded by Beacon's Arborist using a survey-grade Aero Gold GNSS receiver and were also surveyed by Rady-Pentek & Edward Surveying Ltd.

Appendix A presents the limitations and detailed methodology of the tree assessment.

Following receipt of comments from the City of Burlington in October 2024 and discussions in December 2024, at the direction of the City fifteen (15) trees were assigned to the next highest Minimum Tree Protection Zone (MTPZ) and Critical Root Zone (CRZ) categories based on the assumption that tree growth from the time of assessment to present date would reasonably necessitate a greater MTPZ and CRZ. These trees include:

- Area A: tree nos. 3385, 3400, 3409, 3415, 3447, 3462, 3466, 3478 and 3989; and
- Area B: tree nos. 247, 268, 3404, 3342, 3779 and 3784.

As agreed to in 2024 through the Ontario Land Tribunal (OLT) process and decision, the City of Burlington's Site Plan Application Guidelines (Dec. 2019) form the basis for determining the method for private tree replacement. Per the Site Plan Application Guidelines, the required total caliper of replacement plantings shall be equivalent to the total caliper of those removed and is applicable to deciduous trees measuring at least 15 cm DBH and coniferous trees 4.5 m in height or greater. This guideline is interpreted as a minimum requirement.

Compensation requirements noted in this document for Areas A - E have been calculated by City of Burlington staff.

3. Results

A total of 850 trees were tagged and assessed on and adjacent to the subject property. See **Appendix B** for detailed results of the tree inventory and assessment.

Dominant species identified include Blue Spruce (*Picea pungens)* (14.6% of trees inventoried), White Spruce (*P.* glauca) (11.4% of trees inventoried), Austrian Pine (*Pinus nigra*) (10.0% of trees inventoried), Silver Maple (*Acer saccharinum*) (9.8% of trees inventoried), followed by and Norway Maple (*A. platanoides*) (8.6% of trees inventoried). Refer to **Table 2** for a full list of species recorded on the subject property.

Table 2. Summary of Species Inventoried

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Abies concolor	Concolor Fir	1	0.1%
Acer ginnala	Amur Maple	3	0.4%
Acer negundo	Manitoba Maple	6	0.7%
Acer palmatum	Japanese Maple	7	0.8%
Acer platanoides	Norway Maple	73	8.6%
Acer rubrum	Red Maple	4	0.5%
Acer saccharinum	Silver Maple	90	10.6%
Acer saccharum	Sugar Maple	4	0.5%
Acer x freemanii	Freeman's Maple	30	3.5%
Betula papyrifera	Paper Birch	5	0.6%
Carya ovata	Shagbark Hickory	1	0.1%
Catalpa speciosa	Northern Catalpa	1	0.1%
Celtis occidentalis	Common Hackberry	3	0.4%
Cercidiphyllum japonicum	Katsura Tree	1	0.1%
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'	8	0.9%
Fagus sylvatica	European Beech	4	0.5%
Fraxinus americana	White Ash	2	0.2%
Fraxinus pennsylvancia	Green Ash	42	4.9%
Ginkgo biloba	Maidenhair Tree	1	0.1%
Gleditsia triacanthos (cultivar)	Honey Locust	17	2.0%
Juniperus cf. scopulorum 'Blue Spires'	Rocky Mountain juniper	1	0.1%
Juniperus sp.	Juniper	1	0.1%
Liquidambar styraciflua 'Fastigiata'	Sweetgum 'Slender Silhouette'	2	0.2%
Magnolia denudata	Yulan Magnolia	1	0.1%
Magnolia stellata	Magnolia	1	0.1%
Malus baccata	Siberian Crabapple	3	0.4%
Malus pumila	Common Apple	4	0.5%
Malus sp.	Apple	2	0.2%
Malus sylvestris	Crab Apple	7	0.8%
Morus alba	White Mulberry	3	0.4%
Picea abies	Norway Spruce	35	4.1%
Picea glauca	White Spruce	97	11.4%
Picea pungens	Blue Spruce	124	14.6%
Pinus nigra	Austrian Pine	85	10.0%
Pinus strobus	White Pine	33	3.9%
Pinus sylvestris	Scots Pine	14	1.6%
Platanus × acerifolia	London Plane Tree	1	0.1%
Populus deltoides	Cottonwood	7	0.8%

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Prunus avium	Sweet Cherry	2	0.2%
Prunus serotina	Black Cherry	1	0.1%
Pyrus calleryana	Bradford Pear	1	0.1%
Pyrus sp.	Pear	7	0.8%
Quercus macrocarpa	Bur Oak	1	0.1%
Quercus robur	English Oak	5	0.6%
Quercus rubra	Red Oak	6	0.7%
Robinia pseudoacacia	Black Locust	1	0.1%
Salix alba	White Willow	4	0.5%
Salix euxina	Crack Willow	1	0.1%
Salix fragilis	Crack Willow	1	0.1%
Salix matsudana	Corkscrew Willow	2	0.2%
Salix sp.	Willow	1	0.1%
Syringa reticulata	Japanese Tree Lilac	3	0.4%
Thuja occidentalis	White Cedar	64	7.5%
Thuja sp.	Cedar	1	.01%
Tilia cordata	Little Leaf Linden	17	2.0%
Ulmus americana	American Elm	7	0.8%
	Total	**850**	**100%**

All trees inventoried were planted landscape trees located on the golf course lands, planted along the rear of private residential lots, naturalized trees growing through fences at the rear of private residential lots, or in the City or Regional road allowances. Most trees are mid-aged, with an average DBH of 26 cm. Tree diameters range from 2 cm to 90 cm DBH.

The majority of trees inventoried are in good or good condition (77.5%), 17.3% of trees are in good-fair or fair condition, 6.7% of trees are in fair-poor or poor condition and 0.5% of trees inventoried are dead

Of the trees in poor or fair-poor condition or dead, 47% are Ash (Fraxinus spp.) declining due to the effects of Emerald Ash Borer (EAB) (*Agrilus planipennis*) infestation.

Detailed results for Areas A – E are presented below.

3.1 Results: Area A

Area A contains a total of 357 trees within the golf course and adjacent lands. Overall, dominant species include Silver Maple (14.0%), Austrian Pine (13.4%), and Blue Spruce (13.2%). Trees ranged in size from 5 cm - 65 cm DBH with an average of 28 cm DBH. Trees are generally in good or fair-good condition (86.3%). 5.3% of trees inventoried in Area A are in fair condition, 7.8% are in poor or fair-poor condition and 0.6% are dead. Of the trees that are dead or in poor or fair-poor condition, 57% are Ash

trees showing signs of EAB infestation. **Table 3** provides a summary of species recorded in and adjacent to Area A.

Table 3. Summary Species Inventoried in Area A.

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Acer negundo	Manitoba Maple	2	0.6%
Acer palmatum	Japanese Maple	3	0.8%
Acer platanoides	Norway Maple	23	6.4%
Acer rubrum	Red Maple	1	0.3%
Acer saccharinum	Silver Maple	50	14.0%
Acer x freemanii	Freeman's Maple	9	2.5%
Betula papyrifera	White Birch	3	0.8%
Catalpa speciosa	Northern Catalpa	1	0.3%
Cercidiphyllum japonicum	Katsura Tree	1	0.3%
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'	1	0.3%
Fraxinus americana	White Ash	2	0.6%
Fraxinus pennsylvancia	Green Ash	27	7.6%
Gleditsia triacanthos (cultivar)	Honey Locust	9	2.5%
Liquidambar styraciflua, 'Fastigiata'	Sweetgum, 'Slender Silhouette'	2	0.6%
Malus baccata	Siberian Crabapple	3	0.8%
Malus pumila	Common Apple	3	0.8%
Malus sylvestris	Crab Apple	7	2.0%
Morus rubra	White Mulberry	1	0.3%
Picea abies	Norway Spruce	27	7.6%
Picea glauca	White Spruce	35	9.8%
Picea pungens	Blue Spruce	47	13.2%
Pinus nigra	Austrian Pine	48	13.4%
Pinus strobus	White Pine	8	2.2%
Pinus sylvestris	Scots Pine	3	0.8%
Populus deltoides	Cottonwood	2	0.6%
Pyrus sp.	Pear species	3	0.8%
Quercus macrocarpa	Bur Oak	1	0.3%
Quercus robur	English Oak	4	1.1%
Quercus rubra	Red Oak	1	0.3%
Robinia pseudoacacia	Black Locust	1	0.3%
Salix alba 'Tristis'	Weeping Willow	2	0.6%
Salix fragilis	Crack Willow	1	0.3%
Salix sp.	Willow species	1	0.3%
Thuja occidentalis	White Cedar	17	4.8%
Tilia cordata	Little Leaf Linden	9	2.5%

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Ulmus americana	White Elm	1	0.3%
	Total	**357**	**100%**

3.2 Results: Area B

Area B contains a total of 302 trees. Dominant species include White Cedar (*Thuja occidentalis*) and Silver Maple (at 13.0% each), Blue Spruce (12.3%), and Norway Maple (11.3%). Trees range in size from 4 cm - 62 cm DBH with an average of 27 cm DBH. Trees are generally in good or fair-good condition (80.7%). 11.3% of trees inventoried in Area B are in fair condition, 7.3% are in poor or fair-poor condition and 0.7% are dead. 29.2% of the trees that are dead or in poor or fair-poor condition are Ash. **Table 4** provides a summary of species recorded in Area B.

Table 4. Summary Species Inventoried in Area B

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Acer ginnala	Amur Maple	2	0.7%
Acer negundo	Manitoba Maple	3	1.0%
Acer palmatum	Japanese Maple	2	0.7%
Acer platanoides	Norway Maple	34	11.3%
Acer saccharinum	Silver Maple	39	13.0%
Acer saccharum	Sugar Maple	1	0.5%
Acer x freemanii	Freeman's Maple	7	2.3%
Betula papyrifera	Paper Birch	2	0.7%
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'	3	1.0%
Fagus sylvatica	European Beech	3	1.0%
Fraxinus pennsylvancia	Green Ash	10	3.3%
Gleditsia triacanthos (cultivar)	Honey Locust	8	2.7%
Juniperus sp.	Juniper	1	0.3%
Magnolia denudata	Yulan Magnolia	1	0.3%
Magnolia stellata	Magnolia	1	0.3%
Malus pumila	Common Apple	1	0.3%
Malus sp.	Apple	1	0.3%
Morus alba	White Mulberry	2	0.7%
Picea abies	Norway Spruce	4	1.3%
Picea glauca	White Spruce	31	10.3%
Picea pungens	Blue Spruce	37	12.3%
Pinus nigra	Austrian Pine	27	9.0%
Pinus strobus	White Pine	17	5.6%

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Pinus sylvestris	Scots Pine	6	2.0%
Platanus × acerifolia	London Plane Tree	1	0.3%
Populus deltoides	Cottonwood	3	1.0%
Prunus avium	Sweet Cherry	2	0.7%
Prunus serotina	Black Cherry	1	0.3%
Quercus robur	English Oak	1	0.3%
Quercus rubra	Red Oak	2	0.7%
Robinia pseudoacacia	Black Locust	1	0.3%
Salix euxina	Crack Willow	1	0.3%
Salix matsudana	Corkscrew Willow	2	0.7%
Thuja occidentalis	White Cedar	39	13.0%
Thuja sp.	Cedar	1	0.3%
Tilia cordata	Little Leaf Linden	4	1.3%
	Total	**301**	**100%**

3.3 Results: Area C

Area C contains a total of 116 trees. Dominant species include Blue Spruce (19.8%), White Spruce (16.4%), and Freeman's Maple (9.5%). Trees range in size from 2 cm – 90 cm DBH with an average of 22 cm DBH. Trees are generally in good or fair-good condition (81.0%). 13.8% of trees inventoried in Area C are in fair condition, and 5.2% are in poor condition. 33.3% of the trees in poor condition are Ash. **Table 5** provides a summary of species recorded in Area C.

Table 5. Summary of Species Inventoried in Area C

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Acer ginnala	Amur Maple	1	0.9%
Acer palmatum	Japanese Maple	2	1.7%
Acer platanoides	Norway Maple	9	7.8%
Acer rubrum	Red Maple	3	2.6%
Acer saccharinum	Silver Maple	1	0.9%
Acer saccharum	Sugar Maple	3	2.6%
Acer x freemanii	Freeman's Maple	11	9.5%
Carya ovata	Shagbark Hickory	1	0.9%
Celtis occidentalis	Common Hackberry	3	2.6%
Cercidiphyllum japonicum	Katsura Tree	1	0.9%
Fraxinus pennsylvancia	Green Ash	2	1.7%
Ginkgo biloba	Maidenhair Tree	1	0.9%

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Juniperus cf. scopulorum 'Blue Spires'	Rocky Mountain juniper	1	0.9%
Picea glauca	White Spruce	19	16.4%
Picea pungens	Blue Spruce	23	19.8%
Pinus nigra	Austrian Pine	4	3.4%
Pinus strobus	White Pine	8	6.9%
Pinus sylvestris	Scots Pine	5	4.3%
Populus deltoides	Cottonwood	2	1.7%
Pyrus calleryana	Bradford Pear	1	0.9%
Pyrus sp.	Pear	1	0.9%
Salix alba	White Willow	2	1.7%
Syringa reticulata	Japanese Tree Lilac	2	1.7%
Thuja occidentalis	White Cedar	6	5.2%
Tilia cordata	Little Leaf Linden	1	0.9%
Ulmus americana	American Elm	3	2.6%
	Total	**116**	**100%**

3.4 Results: Area D

Area D contains a total of 55 trees. Dominant species include White Spruce (21.8%) and Norway Maple (12.7%). Trees range in size from 4 cm – 52 cm DBH with an average of 22 cm DBH. Trees are generally in good to fair-good condition (94.5%). The remaining trees are in fair condition (5.5%). **Table 6** provides a summary of species recorded in Area D.

Table 6. Summary of Species Inventoried in Area D

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Abies concolor	Concolor Fir	1	1.8%
Acer platanoides	Norway Maple	7	12.7%
Acer x freemanii	Freeman's Maple	2	3.6%
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'	4	7.3%
Fagus sylvatica	European Beech	1	1.8%
Fraxinus pennsylvanica	Green Ash	1	1.8%
Gleditsia triacanthos (cultivar)	Honey Locust	1	1.8%
Malus sp.	Apple species	1	1.8%
Picea abies	Norway Spruce	4	7.3%
Picea glauca	White Spruce	12	21.8%
Picea pungens	Blue Spruce	2	3.6%
Pinus nigra	Austrian Pine	6	10.9%

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Pyrus sp.	Pear species	3	5.5%
Quercus rubra	Red Oak	1	1.8%
Syringa reticulata	Japanese Tree Lilac	1	1.8%
Thuja occidentalis	Eastern White Cedar	2	3.6%
Tilia cordata	Little Leaf Linden	3	5.5%
Ulmus americana	American Elm	3	5.5%
	Total	**55**	**100%**

3.5 Results: Area E

Area E contains a total of 21 trees. Dominant species include Blue Spruce (71.4%), Green Ash (9.5%), and Red Oak (*Quercus rubra*) (9.5%). Trees ranged in size from 10 cm – 26 cm DBH with an average of 17 cm DBH. Trees were generally in good or fair-good condition (86%). 9% of trees inventoried in Area E were in fair condition, and 5% were in poor or fair-poor condition. All the trees in poor or fair-poor condition were Ash. **Table 7** provides a summary of species recorded in Area E.

Table 7. Summary of Species Inventoried in Area E

Species		Number of Trees	Percentage of Total
Botanical Name	Common Name		
Acer negundo	Manitoba Maple	1	4.8%
Acer x freemanii	Freeman's Maple	1	4.8%
Fraxinus pennsylvanica	Green Ash	2	9.5%
Picea pungens	Blue Spruce	15	71.4%
Quercus rubra	Red Oak	2	9.5%
	Total	**21**	**100%**

4. Applicable Policies and By-Laws

Depending on tree location, size, and other factors, the destruction or injury of trees on and adjacent to the subject property may be subject to by-laws and policies enacted by the City of Burlington and/or the Region of Halton.

The City of Burlington's *Public Tree By-law (68-2013)* regulates the destruction or injury of trees located on public property (e.g., within the road right-of-way). Injury or destruction of City-owned trees requires prior authorization from the City Arborist in the form of a Tree Permit.

Per Section 1.18 of the By-law, where the removal of City-owned trees:

> *Is not required due to age, health or other reasons in accordance with sound arboricultural practices, the applicant shall plant Tree(s) with the total combined diameter being equal to or greater than that of the Tree(s) to be removed. Where the total combined diameter of the Tree(s) to be planted is less than the total combined diameter of the Tree(s) removed, Council approval will be required.*

Section 1 of City of Burlington By-law 38-2023 amends Section 1.18 of By-law 68-2013 by deleting the words "and Council has also approved the removal of these Trees". City of Burlington Forestry staff now have delegated authority to make decisions regarding tree removals.

Furthermore, per Section 1.19 of By-law 68-2013,

> *The City Arborist shall not issue a Tree Permit for Trees located on Public Property immediately abutting Private Property for which a development application has been submitted, until such time as the development application has been approved and Council has also approved the removal of these Trees.*

The City of Burlington's *Specification No. SS12A, "Tree Protection and Preservation"* describes measures required to protect trees not designated for removal within the City's road right-of-way and recommends protection measures for private trees to be enacted at the discretion of the consulting arborist or as required as a condition of site plan approval or subdivision agreement.

Specification No. SS12A provides requirements for MTPZs; CRZs; tree protection barriers; tree pruning, removal and transplant; construction practices/techniques; securities for non-compliance and other considerations.

In addition, Halton Region Report No. LPS31-08 – Tree-Canopy Replacement Policy on Regionally Owned Lands specifies that trees on Regionally-owned lands are subject to a canopy replacement schedule (**Table 8**).

Table 8. Halton Region Canopy Replacement Schedule

Diameter of Existing Tree Removed	Number of Replacement Trees (6 cm caliper)
Less than 10 cm	1
Between 10 & 15 cm	2
Between 16 & 20 cm	3
Between 21 & 25 cm	4
Over 25 cm	Equivalent of 6 cm caliper trees or greater needed to equal diameter of the tree removed
Conifer ≤ 20 cm dia.	Two 200 cm (in height) conifer trees
Conifer > 20 cm dia.	Four 200 cm (in height) conifer trees

5. Tree Removals and Preservation Opportunities

Based on review of the Development Concept (Gerrard Design, 2023), the Grading Plans for each Area (Urbantech Consulting, 2024), consultation with Hunt Design Associates Inc., and an Area-by-Area /

tree-by-tree review of the development and grading plans completed with Urbantech Consulting engineering staff in addition to review of select locations with NAK Design Strategies and Baker Turner; a total of 425 (50.0%) of the 850 trees inventoried require removal (see **Figures TP-1 through TP- 5** and **Table 8**). Of these 425 trees, 386 (90.8%) require removal due to conflicts with the proposed development and 39 (9.2%) require removal due to condition. Trees recommended for removal due to condition are not expected to survive anticipated impacts or will likely become hazard trees in the near future; this includes all Ash trees on the subject property.

Trees proposed for removal because of the proposed development are dominated by Silver Maple (70, or 18.1%), Austrian Pine (61, or 15.8%) and Blue Spruce (51, or 13.2%). Trees proposed for removal are generally in good or fair-good condition. Based on the City's tree compensation method, the total caliper replacement of all trees for removal is 7,822 cm for Areas A to D. In addition, 26 cm is accounted for by City-owned trees (trees nos. 680 and C18-C20). Compensation for Area E is 146 cm and may be dealt with through a future Site Plan Application. Tree replacement sizes, quantities, and planting locations across the subject property shall be determined through consultation with the City of Burlington. *At a minimum*, compensation equivalent to the aggregate caliper of City-owned trees is required.

Compensation for City-owned trees is dealt with through the public tree permit process, and the City has indicated they will confirm compensation requirements following inspection of City-owned trees. Compensation plantings for all tree removals will include plantings associated with the proposed restoration of Appleby Creek, parkland/open space, landscape buffers, and streetscaping. Compensation plantings on lands outside of the subject property will be negotiated with the City, as necessary. In addition, four 60 mm caliper-sized trees are required to compensate for the removal of a Regionally-owned tree with a 22 cm DBH (tree no. 717), which is adjacent to Area E. **Table 10** provides a summary of the tree replacement requirements for each development Area, as calculated by the City.

A total of 425 (50.0% of total) trees are proposed to be preserved on the subject property. Of these 425 trees it is expected that 59 will be injured due to the proposed development and grading works. Trees recommended for preservation includes those located within buffers, landscape areas, proposed residential lots, existing private yard, greenspace, and public lands (i.e., road rights-of-way). Most trees proposed to be retained with injury are in good or fair-good condition and are expected to recover from anticipated impacts. Trees in this category are characterized by Norway Maple (13, or 22.0%), White Spruce (10, or 16.9%), and Austrian Pine (7, or 11.9%) that are generally in good or fair-good condition. All trees in existing private backyards are proposed to be preserved, and efforts have been made to augment the proposed development design to avoid development or site alteration (i.e., grading) adjacent to these trees. Despite these efforts, eight trees in existing private backyards will be preserved with impacts; details are provided in the applicable sections below. Furthermore, four (4) trees proposed for retention in private backyards (tree nos. A6, A10, A111 and A108) are dead but are proposed to be preserved. A summary of tree preservation and removals is contained in **Table 9** and **Figures TP-1** through **TP-5**.

Table 9. Summary of All Trees Proposed for Preservation and Removal

Species		Remove-Development	Remove-Condition	Preserve	Preserve with Injury
Botanical Name	Common Name				
Abies concolor	Concolor Fir			1	
Acer ginnala	Amur Maple			3	
Acer negundo	Manitoba Maple	2		4	
Acer palmatum	Japanese Maple			7	
Acer platanoides	Norway Maple	29	4	27	13
Acer rubrum	Red Maple			4	
Acer saccharinum	Silver Maple	76		11	
Acer saccharum	Sugar Maple	4			
Acer x freemanii	Freeman's Maple	17		10	3
Betula papyrifera	Paper Birch			5	
Carya ovata	Shagbark Hickory			1	
Catalpa speciosa	Northern Catalpa			1	
Celtis occidentalis	Common Hackberry	1		2	
Cercidiphyllum japonicum	Katsura Tree			1	
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'			8	
Fagus sylvatica	European Beech			4	
Fraxinus americana	White Ash			2	
Fraxinus pennsylvanica	Green Ash	1	31	9	1
Ginkgo biloba	Maidenhair Tree			1	
Gleditsia triacanthos	Honey Locust	4		14	
Juniperus cf. scopulorum 'Blue Spires'	Rocky Mountain juniper			1	
Juniperus sp.	Juniper			1	
Liquidambar styraciflua, 'Fastigiata'	Sweetgum 'Slender Silhouette'			2	
Magnolia denudata	Yulan Magnolia			1	
Magnolia stellata	Magnolia			1	
Malus baccata	Siberian Crabapple			3	
Malus pumila	Common Apple	1		3	
Malus sp.	Apple			2	
Malus sylvestris	Crab Apple	1		6	
Morus alba	White Mulberry			3	
Picea abies	Norway Spruce	14	1	14	6
Picea glauca	White Spruce	32	2	50	13
Picea pungens	Blue Spruce	54		65	5
Pinus nigra	Austrian Pine	73		5	7
Pinus strobus	White Pine	26		7	
Pinus sylvestris	Scots Pine	2		11	1
Platanus × acerifolia	London Plane Tree			1	
Populus deltoides	Cottonwood	6	1		
Prunus avium	Sweet Cherry			2	
Prunus serotina	Black Cherry	1			
Pyrus calleryana	Bradford Pear			1	
Pyrus sp.	Pear			7	
Quercus macrocarpa	Bur Oak	1			
Quercus robur	English Oak			5	

Species		Remove-Development	Remove-Condition	Preserve	Preserve with Injury
Botanical Name	Common Name				
Quercus rubra	Red Oak	5		1	
Robinia pseudoacacia	Black Locust			1	
Salix alba	White Willow	1		3	
Salix euxina	Crack Willow			1	
Salix fragilis	Crack Willow			1	
Salix matsudana	Corkscrew Willow			2	
Salix sp.	Willow			1	
Syringa reticulata	Japanese Tree Lilac			3	
Thuja occidentalis	White Cedar	21		36	8
Tilia cordata	Little Leaf Linden	12		5	
Ulmus americana	White Elm	2		5	
	Totals	**386**	**39**	**366**	**59**

Table 10. Summary of the City's Tree Compensation Calculations

Area	Compensation for Trees Proposed for Removal (cm) - Private Trees	Aggregate Caliper of Trees Proposed for Removal (cm) - City-owned Trees	Total (cm)
A	3,759	0	3,759
B	3,306	0	3,306
C	379	8	387
D	378	18	396
E	146	0	146
Total	**7,968**	**26**	**7,994**

The following sections provide a breakdown of trees proposed for preservation and removal for each Area within the subject property.

5.1 Tree Preservation and Removal: Area A

Due to the extent of development tree preservation opportunities in Area A are primarily limited to the perimeter of the proposed development and within the portions of the floodplain associated with Appleby Creek that is not proposed for grading.

Area A and adjacent lands contain a total of 357 trees. Of these, 175 are recommended for preservation; most are in good or fair-good condition. Fifteen of these 175 trees are expected to experience root injury due to the proposed grading works (tree nos. 3415, 3447, 3449, 3454, 3457, 3458, 3462, 3466, 3478, 3495, 3498, 3852, 3855, 3857, 3859, and A6). Trees proposed for injury are in good condition and are expected to be able to withstand potential injuries caused by the proposed works.

Tree no. A6, and the Eastern White Cedar hedge of which it is a part (located in the backyard of 2056 Hadfield Court), is proposed to be retained with injury. The hedge is located adjacent to an existing stormwater easement in which grading is proposed. No other privately-owned trees adjacent to Area A are proposed to be impacted.

A total of 160 trees require removal to accommodate the proposed development. An additional 23 trees are recommended for removal due to their condition (trees nos. 3377, 3383, 3387, 3388, 3394-3396, 3406, 3408, 3410-3413, 3415, 3468, 3491, 3496, 3878, 3879, 3893, 3897, 3878, and 3952). Most trees for removal to accommodate development within Area A are in good or fair-good condition. Based on the City's tree compensation method, the total caliper replacement for all private trees proposed for removal in Area A is 3,759 cm.

The ownership of tree no. 3361 has been confirmed through review of the updated base plan from Urbantech Consulting. This tree is owned by the proponent and not Halton Region as indicated in previous versions of this report.

Table 11 provides a summary of proposed tree preservation and removal opportunities within Area A.

Table 11. Summary of Trees for Preservation and Removal in Area A

Species		Remove-Development	Remove-Condition	Preserve	Preserve with Injury
Botanical Name	Common Name				
Acer negundo	Manitoba Maple			2	
Acer palmatum	Japanese Maple			3	
Acer platanoides	Norway Maple	9	1	10	3
Acer rubrum	Red Maple			1	
Acer saccharinum	Silver Maple	40		10	
Acer x freemanii	Freeman's Maple	5		4	
Betula papyrifera	White Birch			3	
Catalpa speciosa	Northern Catalpa			1	
Cercidiphyllum japonicum	Katsura Tree				
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'			1	
Fraxinus americana	White Ash			2	
Fraxinus pennsylvancia	Green Ash	1	20	6	
Gleditsia triacanthos (cultivar)	Honey Locust	3		6	
Liquidambar styraciflua, 'Fastigiata'	Sweetgum, 'Slender Silhouette'			2	
Malus baccata	Siberian Crabapple			3	
Malus pumila	Common Apple	1		2	
Malus sylvestris	Crab Apple	1		6	
Morus rubra	White Mulberry			1	
Picea abies	Norway Spruce	7	1	13	6
Picea glauca	White Spruce	6		26	3
Picea pungens	Blue Spruce	17		30	
Pinus nigra	Austrian Pine	44		2	2
Pinus strobus	White Pine	8			
Pinus sylvestris	Scots Pine			3	
Populus deltoides	Cottonwood	1	1		

Species		Remove-Development	Remove-Condition	Preserve	Preserve with Injury
Botanical Name	Common Name				
Pyrus sp.	Pear species			3	
Quercus macrocarpa	Bur Oak	1			
Quercus robur	English Oak			4	
Quercus rubra	Red Oak	1			
Salix alba 'Tristis'	Weeping Willow	1		1	
Salix fragilis	Crack Willow			1	
Salix sp.	Willow species			1	
Thuja occidentalis	White Cedar	8		8	1
Tilia cordata	Little Leaf Linden	5		4	
Ulmus americana	White Elm			1	
	Totals	**159**	**23**	**160**	**15**

5.2 Tree Preservation and Removal: Area B

Due to the extent of the proposed development, preservation opportunities for trees within lands owned by Millcroft Greens are limited in Area B. The majority of trees recommended for preservation are located along the perimeter of Area B.

Area B and adjacent lands contain a total of 301 trees. Of these, 155 are recommended for preservation. Thirty-five of these 155 trees are expected to be injured due to the proposed works (tree nos. 255, 262, 263, 268-272, 3304, 3306, 3315, 3339, 3340, 3342, 3756, 3771, 3775, 3779, 3783 - 3791, 3794, 3797, 3823, 3827, A126 - A128 and A132). Many of these trees are located at the edge of proposed grading or the proposed swale proposed along rear lot lines. Most trees proposed to be preserved with injury are in good condition and are expected to withstand anticipated injuries caused by the proposed grading works.

Tree nos. A126 – A128, located in the backyard of 2043 Hadfield Court, are proposed to be impacted by grading associated with the decommissioning of an existing stormwater pipe. Impacts to Tree A126 are located in the CRZ and MTPZ. Impacts to trees A127 and A128 are limited to areas within the CRZ only. Tree A132, located in the backyard of 2045 Hadfield Court, is proposed to be impacted by a swale. Impacts to this tree are limited to a portion of the CRZ; no impact to the MTPZ is proposed.

A total of 132 trees require removal to accommodate the proposed development. An additional 14 trees require removal due to poor condition (tree nos. 246, 1109, 3294, 3323 3344, 3348, 3761, 3764, 3772, 3773, 3778, 3818, 3844, and 3848). Overall, trees proposed for removal because of the proposed development are in good or fair-good condition. Based on the City's tree compensation method, the total caliper replacement for all private trees proposed for removal in Area B is 3,306 cm.

Table 12 provides a summary of tree preservation and removals within Area B.

Table 12. Summary of Trees for Preservation and Removal in Area B

Species		Remove-Development	Remove-Condition	Preserve	Preserve with Injury
Botanical Name	Common Name				
Acer ginnala	Amur Maple			2	
Acer negundo	Manitoba Maple	1		2	
Acer palmatum	Japanese Maple			2	
Acer platanoides	Norway Maple	12	3	9	10
Acer saccharinum	Silver Maple	36			3
Acer saccharum	Sugar Maple	1			
Acer x freemanii	Freeman's Maple	4		2	1
Betula papyrifera	Paper Birch			2	
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'			3	
Fagus sylvatica	European Beech			3	
Fraxinus pennsylvancia	Green Ash		9		1
Gleditsia triacanthos (cultivar)	Honey Locust	1		7	
Juniperus sp.	Juniper			1	
Magnolia denudata	Yulan Magnolia			1	
Magnolia stellata	Magnolia			1	
Malus pumila	Common Apple			1	
Malus sp.	Apple			1	
Morus alba	White Mulberry			2	
Picea abies	Norway Spruce	3		1	
Picea glauca	White Spruce	6	2	16	7
Picea pungens	Blue Spruce	15		21	1
Pinus nigra	Austrian Pine	21		1	5
Pinus strobus	White Pine	11		6	
Pinus sylvestris	Scots Pine			6	
Platanus × acerifolia	London Plane Tree			1	
Populus deltoides	Cottonwood	3			
Prunus avium	Sweet Cherry			2	
Prunus serotina	Black Cherry	1			
Quercus robur	English Oak			1	
Quercus rubra	Red Oak	2			
Robinia pseudoacacia	Black Locust			1	
Salix euxina	Crack Willow			1	
Salix matsudana	Corkscrew Willow			2	
Thuja occidentalis	White Cedar	12		20	7
Thuja sp.	Cedar			1	
Tilia cordata	Little Leaf Linden	3		1	
Totals		**132**	**14**	**120**	**35**

5.3 Tree Preservation and Removal: Area C

Tree preservation opportunities in Area C are present in areas along the perimeter of the proposed development, the reconfigured portion of golf course hole #1 and the parkette located near Country Club Drive.

Area C contains a total of 116 trees. Of these, 60 trees are recommended for preservation. Six of the 60 trees recommended for preservation may be injured due to the proposed development and grading (tree nos. 634, 635, 644, and C10-C12). Most of the trees proposed for preservation within Area C trees are in good or fair condition.

Trees C10-C12, located in the front yard of a condominium unit at 2175 Country Club Drive, are proposed to be impacted a proposed swale that will connect with two existing cashbasins within the Millcroft Greens lands. Grading associated with the proposed swale is located within the CRZ of these trees and does not extend into the MTPZ.

Fifty-six trees require removal to accommodate the proposed development. Most of the trees proposed for removal to accommodate development are in good condition. Trees on lands owned by the Millcroft Golf Club will be preserved (irrespective of condition). Three recently planted trees along the boulevard associated with Millcroft Park Drive (tree nos. C18-C20 with an aggregate DBH of 8 cm) are proposed for removal to accommodate a proposed road. It is assumed that these trees are owned by the City of Burlington and thus are included in the aggregate caliper replacement calculations for Area C, though the City has indicated they will confirm caliper measurements of these trees and as such replacement statistics are subject to change. Based on the City's tree compensation method, the total caliper replacement for all private trees proposed for removal in Area C is 379 cm. In addition, 8 cm is accounted for by City-owned tree nos. C18 - C20.

Table 13 provides a summary of proposed tree preservation and removals within Area C.

Table 13. Summary of Trees for Preservation and Removal in Area C

Species		Remove-Development	Preserve	Preserve with Injury
Botanical Name	Common Name			
Acer ginnala	Amur Maple		1	
Acer palmatum	Japanese Maple		2	
Acer platanoides	Norway Maple	7	2	
Acer rubrum	Red Maple		3	
Acer saccharinum	Silver Maple		1	
Acer saccharum	Sugar Maple	3		
Acer x freemanii	Freeman's Maple	7	2	2
Carya ovata	Shagbark Hickory		1	
Celtis occidentalis	Common Hackberry	1	2	
Cercidiphyllum japonicum	Katsura Tree		1	
Fraxinus pennsylvancia	Green Ash		2	
Ginkgo biloba	Maidenhair Tree		1	

Species		Remove-Development	Preserve	Preserve with Injury
Botanical Name	Common Name			
Juniperus cf. scopulorum 'Blue Spires'	Rocky Mountain juniper		1	
Picea glauca	White Spruce	14	5	
Picea pungens	Blue Spruce	6	13	4
Pinus nigra	Austrian Pine	3	1	
Pinus strobus	White Pine	7	1	
Pinus sylvestris	Scots Pine	2	2	1
Populus deltoides	Cottonwood	2		
Pyrus calleryana	Bradford Pear		1	
Pyrus sp.	Pear		1	
Salix alba	White Willow		2	
Syringa reticulata	Japanese Tree Lilac		2	
Thuja occidentalis	White Cedar	1	5	
Tilia cordata	Little Leaf Linden	1		
Ulmus americana	American Elm	2	1	
	Totals	**56**	**54**	**6**

5.4 Tree Preservation and Removal: Area D

Tree preservation opportunities in Area D are present in areas along the perimeter of the proposed development and the open space area located at the end of the proposed cul-de-sac road. A large easement and portion of the golf course is to remain undeveloped on the eastern end of the proposed development parcel.

Area D and adjacent lands contain a total of 55 trees. A total of 35 trees are recommended for preservation within and adjacent to Area D. Of these, three are proposed for retention with injury (i.e., tree nos. 684, 685 and 699). All trees recommended for preservation are in good condition. Seven trees recommended for preservation are located within the City's road allowance (nos. 676-679 and 681-683), one is owned by the Millcroft Golf Club (tree no. D1), and one that is growing through a fence is co-owned by Millcroft Greens and the owners of 4280 Chasewood Court (tree no. D16).

A total of 20 trees require removal within Area D to accommodate the proposed development. No trees are recommended for removal based on condition. All trees recommended for removal are in good condition. Tree no. 680, which has a DBH of 18 cm, is owned by the City of Burlington. Based on the City's tree compensation method, the total caliper replacement for all private trees proposed for removal in Area D is 378 cm. In addition, 18 cm is accounted for by City-owned tree no. 680.

Table 14 provides a summary of proposed tree preservation and removals within Area D.

Table 14. Summary of Trees for Preservation and Removal in Area D

Species		Remove-Development	Preserve	Preserve with Injury
Botanical Name	Common Name			
Abies concolor	Concolor Fir		1	
Acer platanoides	Norway Maple	1	6	
Acer x freemanii	Freeman's Maple		2	
Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'		4	
Fagus sylvatica	European Beech		1	
Fraxinus pennsylvanica	Green Ash		1	
Gleditsia triacanthos (cultivar)	Honey Locust		1	
Malus sp.	Apple species		1	
Picea abies	Norway Spruce	4		
Picea glauca	White Spruce	6	3	3
Picea pungens	Blue Spruce	1	1	
Pinus nigra	Austrian Pine	5	1	
Pyrus sp.	Pear species		3	
Quercus rubra	Red Oak		1	
Syringa reticulata	Japanese Tree Lilac		1	
Thuja occidentalis	Eastern White Cedar		2	
Tilia cordata	Little Leaf Linden	3		
Ulmus americana	American Elm		3	
	Totals	**20**	**32**	**3**

5.5 Tree Preservation and Removal: Area E

Area E contains a total of 21 trees. All are recommended for removal due to the proposed underground parking area and associated above ground development and/or, in the case of Ash, due to condition. Most trees proposed for removal are in good condition. Based on the City's tree compensation method, the total caliper replacement the total caliper replacement of all private trees proposed for removal in all private trees proposed for removal in Area E is 146 cm.

Replacement plantings for regionally owned tree no. 717 amounts to four (4) 60 mm caliper trees. Removals for Area E may occur at a future site plan approval stage or may occur concurrent with tree removals in Areas A-D, depending on the results of current negotiations with the City's planning department regarding timing of tree removals.

Table 15 provides a summary of proposed tree removals within Area E.

Table 15. Summary of Trees for Preservation and Removal in Area E

Species		Remove-Development	Remove – Condition
Botanical Name	Common Name		
Acer negundo	Manitoba Maple	1	
Acer x freemanii	Freeman's Maple	1	
Fraxinus pennsylvancia	Green Ash		2
Picea pungens	Blue Spruce	15	
Quercus rubra	Red Oak	2	
	Totals	**19**	**2**

6. Tree Protection and Preservation Guidelines

Trees for preservation will be protected using tree hoarding fencing in accordance with the City of Burlington's Tree Protection and Preservation Specifications No. SS12A (see **Figures TP-1 through TP-5**) as well as the tree impact mitigation methods specified below. Prior to construction, hoarding will be required to be installed around the trees listed in **Appendix B** located a minimum distance as shown on **Figures TP-1 through TP-5** and **Table 16**. Hoarding shall not interfere with the existing sidewalk.

MTPZ's should be demarcated with 1.2-meter-high orange plastic web snow fencing on a 2" x 4" frame as per the detail drawing provided on **Figures TP-1 through TP-5**. No materials shall be stored inside or up against this fencing, and the sign provided on **Figures TP-1 through TP-5** should be hung on the most visible side designating the MTPZ.

Standard MTPZs are generally established at the dripline of the tree crown. In situations where it is not feasible to implement a standard MTPZ, it is possible that a lesser MTPZ could be established that could also provide sufficient protection but allow for tighter integration with the development subject to approval by the City. MTPZs that are less than the standard generally requires additional arboricultural measures to be applied to trees such as root/branch pruning, soil protection, hydrovac or air-powered soil excavation measures, horizontal hoarding, etc., as applicable. Excavations within the MTPZ and/or CRZ of trees proposed for retention (with injury) shall be completed under the supervision of a certified Arborist per the requirements of Section 8 of the City of Burlington's Tree Protection and Preservation Specifications No. SS12A. While it is however recommended that such MTPZs be no less than the MTPZ values specified in **Table 16**, where encroachments into the MTPZ are unavoidable, tree hoarding fencing shall be installed at the limit of disturbance interior to the MTPZ as illustrated on the tree protection plan drawings**.**

Pending final review of detailed house locations and changes necessitated by agency (e.g., engineering) comments, an updated analysis of trees for preservation will be included in an updated version of this report. It is anticipated that the update shall include additional details such as, but not limited to, identification of areas subject to root excavation and other mitigation measures.

Table 16. Minimum Tree Protection Zones

Trunk Diameter (cm)	Minimum Tree Protection Zone Distances Required (m)[1]	Critical Root Zone Distances Required (m)[1&2]
<10	1.8	1.8
11-40	2.4	4.0
41-50	3.0	5.0
51-60	3.6	6.0
61-70	4.2	7.0
71-80	4.8	8.0
81-90	5.4	9.0
91-100+	6.0	10.0

[1] MTPZ and CRZ 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 City of Burlington Specification SS12A.

[2] Where work is being performed beyond the MTPZ but within the CRZ the works are subject to Section 8 of City of Burlington Specification SS12A

In addition to specifications contained on the tree protection plans, the following tree protection measures are recommended:

- All existing trees which are to remain shall be fully protected with hoarding as shown in **Figures TP-1 through TP-5** 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;
- All tree work is to be completed or supervised by a Certified Arborist;
- The City's Arborist will be responsible for the inspection of hoarding for public trees. Hoarding is to remain in place until an inspection by the City has been completed and an appropriate removal time has been agreed upon;
- 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;
- In situations where construction access is required within the CRZ or MTPZ of trees identified for retention, a minimum of 12 inches of wood chip mulch under plywood board(s) shall be installed in the area where access is required;
- 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;
- 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;
- No open trenching for service installation shall occur within the MTPZ. Only trenchless methods should be used for service installation in the MTPZ;
- 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; and
- A post-construction letter/debrief outlining work completed (i.e., dates, work completed, site photos) shall be submitted to the City.

Tree aftercare recommendations are as follows:

- Monitoring of hazard trees as specified in Section 7, and implementation of any resulting recommendations (e.g., limb pruning) within the appropriate timeframe;
- During grading and for a period of one year following the completion of grading, regular watering of protected trees during drought conditions within the growing season in accordance with proper arboricultural and horticultural practice; and
- Regular maintenance (e.g., replacement of dead or dying trees, replacement of mulch, watering, inspection of tree stakes and ties, weed removal, etc.) of planted trees in accordance with the landscaping warranty.

Furthermore, removal or injury to shared or neighboring privately-owned trees shall require permission in writing by the adjacent landowner(s). Currently, no privately-owned trees on a shared property line or those adjacent to the subject property are proposed for removal, however as noted in the respective subsections under **Section 5**, some are proposed for injury (i.e., tree nos. A6, A126-A128, C10-C12, D1 and D16). As stated in **Section 5**, trees proposed for injury are expected to survive proposed impacts and will be retained. Millcroft Greens is responsible for securing permission from private landowners to injure the trees prior to the injurious action or actions (e.g., grading within the MTPZ) occurring.

6.1 Timing of Tree Removal

The federal *Migratory Birds Convention Act* (1994) and provincial *Fish and Wildlife Conservation Act* protect the nests, eggs and young of most bird species from harm or destruction. As the peak breeding bird season in southern Ontario is generally from mid-May to early-July, and the more general breeding bird season is between early April and late August, vegetation clearing should occur outside of these periods (i.e., April 1st to August 31st) whenever possible. For any proposed clearing of vegetation within these dates, or where birds may be suspected of nesting outside of these dates, an Ecologist or Avian Biologist should undertake detailed nest searches immediately prior to site alteration to ensure that no active nests are present. If active nests are confirmed, removal of the tree / vegetation will need to be delayed until the nest is no longer actively used.

7. Monitoring

Monitoring expectations were clarified with the City of Burlington in December 2024 and January 2025 and apply to trees within and adjacent to the Subject Property that are proposed for retention. There are two general monitoring types considered: compliance monitoring and hazard tree monitoring. Monitoring shall be conducted by qualified professionals.

Compliance monitoring can be undertaken by the site construction supervisor and shall consist of the following:

- Daily monitoring of tree hoarding during active construction;
- Remediation of deficiencies shall occur within 24 hours;
- Deficiency remediation, if any, shall be detailed in construction minutes. Following tree removals, minutes will include an assessment of compliance with the tree removal and retention specifications included in the Arborist Report and TPP (i.e., did all trees scheduled for retention remain on site and did all trees scheduled for removal get removed?); and
- As noted above in **Section 6**, tree hoarding is to remain in place until an inspection by the City has been completed and an appropriate removal time has been agreed upon.

Hazard tree monitoring shall consist of the following:

- Annual hazard inspections of all trees included in this report (to the extent feasible, recognizing that access to private properties will not be sought), with a particular focus on trees proposed for injury and those with noteworthy defects recorded during the assessment completed as part of this Report (see list of trees provided in **Appendix C**);
- Hazard tree inspections shall occur in autumn; and
- Hazard tree monitoring shall continue until the release of securities.

The trees listed in **Appendix C** were selected based on the following criteria: condition rating, noted defects that may lead to creation of a hazard, whether the tree was noted as growing through a fence, and location (note that trees within the Millcroft Golf Course were excluded).

Should you have any comments regarding the above, or require clarification or modification, please do not hesitate to contact the undersigned at ash@terrastoryenviro.com or tsmith@beaconenviro.com .

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Appendix A

Tree Inventory and Assessment Methodology & Limitations of Tree Assessment

Appendix A

Tree Inventory and Assessment Methodology

**Note that not all the tree descriptors contained herein may be used in a tree assessment and report.*

DBH (cm): Diameter at breast height, 1.4 m above ground, measured in centimeters. Two or more numbers denotes the DBH of each stem/trunk for trees with multiple stems/trunks. For multi-stemmed trees, for the purpose of determining the minimum tree protection zone DBH is calculated as the square root of the sum of the square DBH of each stem.

Crown Reserve/Diameter (metres): Crown diameter (tree's canopy) measured at intervals of 1 metre.

Condition: General Condition is recorded for standard tree inventories and assessments. For detailed tree inventories and assessments, when required the assessment of tree condition evaluates factors of Biological Health and Structural Condition separately.

The descriptors of health and structure attributed to a tree evaluate the individual specimen to what could be considered typical for that species growing in its location under current site and climatic conditions. For example, some species can display inherently poor branching architecture, such as multiple acute branch attachments with included bark. Whilst these structural defects may technically be considered arboriculturally poor, they are typical for the species and may not constitute an increased risk of failure. These trees may be assigned an intermediate structural rating of fair – poor (rather than poor) at the discretion of the assessor.

General Condition: Outlined below are the detailed guidelines utilized for the classification of general condition rating:

- **Excellent**: (Healthy)
  - No major branch mortality: crown is typical with less than 10% branch or twig mortality; no signs of decay.
- **Good**: (Light Decline)
  - Branch mortality, twig dieback in 11-25% of the crown: broken branches or crown missing based on presence of old snags is less than 26%; minor evidence of decay.
- **Fair**: (Moderate Decline)
  - Branch mortality, twig dieback in 26-50% of the crown: broken branches or crown area missing based on presence of old snags is 50% or less; decay evident.
- **Poor**: (Severe Decline)
  - Branch mortality, 50% or more of the crown dead: broken branches or crown area missing based on presence of old snags in more than 50%; decay resulting in high hazard assessment.
- **Dead**: (due to Natural or Human Causes)
  - Tree is dead, either standing or down: phloem under bark has brown streaks: few epicormic shoots may be present.

Biological Health: Related to presence and extent of various attributes to describe the overall health and vigour of the tree.

Biological Health Category*	Vigour, Extension, & Growth	Decline symptoms, Deadwood, & Dieback	Foliage density, colour, size, & intactness	Pests and/or Disease
Excellent	Above typical. Excellent. Full canopy density.	None or negligible.	Above typical. No deficiencies or defects detected.	None or negligible.
Good	Above typical. Full canopy density.	Negligible.	Typical. Minor deficiencies or defects could be present.	Negligible.
Fair	Typical vigour. >80% canopy density.	More than typical. Small sub-branch dieback.	Exhibiting deficiencies. Could be thinning, or foliage smaller.	Minor, within damage thresholds.
Poor	Below typical or minimal – declining.	Excessive, large, and/or prominent amount and size of dead wood.	Exhibiting severe deficiencies. Thinning foliage, generally smaller or deformed.	Exceeds damage thresholds and contributing to decline.
Dead	Tree is dead	n/a	n/a	n/a

*Note that intermediate ratings can be applied, at the discretion of the arborist, in cases where biological health attributes fall within closely related categories, e.g. Good-Fair.

Structural Condition: Related to defects in a tree's structure, (i.e., lean, codominant trunks). Structural rating will also consider general branching architecture, stem taper, live crown ratio, crown symmetry, and crown position such as a tree being suppressed by more dominant trees. Tree structure zones listed below are adapted from Coder, Construction damage assessments: trees and sites, 1996 University of Georgia, USA.

Structure Category*	Root plate & Lower stem	Trunk	Primary branch support	Outer crown & Roots
Good	No obvious damage, disease or decay; obvious basal flare / stable in ground.	No obvious damage, disease, or decay; well tapered.	Well formed, attached, spaced and tapered. No history of failure.	No obvious damage, disease, decay, or structural defect. No history of failure.
Fair	Moderate-Minor damage or decay. Basal flare present.	Minor damage or decay.	Generally well-attached, spaced and tapered branches. Minor structural deficiencies may be present or developing. No history of branch failure.	Minor damage, disease, or decay; minor branch end-weight or over-extension. No history of branch failure.
Poor	Moderate - major damage, disease or decay; fungal fruiting bodies present. Excessive lean placing pressure on root plate.	Moderate - major damage, disease, or decay; exceeds recognized thresholds; fungal fruiting bodies present. Acute lean. Stump re-sprout.	Weak, decayed, cavities or has acute branch attachments with included bark; excessive compression flaring; failure likely. Evidence of major branch failure.	Moderate - major damage, disease or decay; fungal fruiting bodies present; major branch end-weight or over-extension. Branch failure evident.
*Note that intermediate ratings can be applied, at the discretion of the arborist, in cases where biological health attributes fall within closely related categories, e.g. Good-Fair.				

Height (metres): Height of tree from ground to top of crown. Height is estimated from visual ground observations.

Position on Site: AP - above-ground planter; **ED** - Edge, e.g., forest, woodland; **IN** - Interior, e.g., forest, woodland; **HR** - hedgerow, row/linear group of trees; **OG** - open-grown; **PI** - planting island; **GP** - group/cluster

On-site Tree: Tree trunk located completely within the property boundary of the subject property.

Off-site Tree: Tree trunk located completely outside of the property boundary of the subject property.

Public Tree: Tree is located on the property of the municipality/region, e.g., within Right-of-Way.

Shared Tree: Tree shared between the subject property and adjacent private or public property (i.e. tree trunk located partially within the boundary of the subject property). Documented as '**S**' in off-site tree or municipal tree data columns.

Recommended Action: A recommendation of the following three categories is assigned to preserve or remove a tree:

i. The tree's current biological health and structural condition
ii. The anticipated impacts from proposed development
iii. The summary of the previous two categories.
Note: Only trees having a recommendation of preserve for both health and structure, and impacts from the proposed development are assigned a final recommendation of preserve.

P (Preserve) - Tree has a moderate to high biological health AND moderate to high structural condition, AND is likely to survive impact from the proposed development (if present). The tree is likely to survive for at least 3 to 5 years.
R (Remove) - Tree has low biological health, AND/OR low structural condition, AND/OR will not survive the proposed development impacts (if present). The tree is not likely to survive more than 1-3 years.
C (Conditional) - In some situations a tree's preservation or removal is related to potential relocation/modification of the limit of construction, and/or known arboricultural treatments that will likely improve the biological health and/or structural condition of the tree. This may include review of a tree's condition, e.g., roots, at time of construction/excavation.

Site Development Impact: Impact to tree is anticipated from proposed development (e.g., road, building) at or near the tree, and/or grade changes (cut/fill).

Transplant Potential: A transplantation recommendation of **Y**es or **N**o based on a tree's size, species, and condition, and present and future site conditions (e.g. near adjacent trees/objects, on slopes, soil type).

Codes of Damage Descriptions
BA - branch attachment poor
BB - burlap, basket, wire present on/in tree/root ball
BC - bark crack
BI - bark included
BN - bark necrosis
BS - basal trunk sprouts
CA – crown asymmetrical
CB - crown broken
CD - crown dieback
CK - canker (abnormal growth from disease or damage)
CL - crown live, CL20 - 20% live crown
CS - crown sprouts
CT - crown thin (having reduced foliage)
CV - crown vines
DW - deadwood
ES - Epicormic sprouts
FB - fungal bodies present
LC - leaves chlorotic (yellow)
LD - leaves defoliated
LP - leader poor/problem
MB - multiple branches from same point of attachment
ML - multiple leaders
PH - planted high
PI - improper pruning
PL - planted low
RC - root crown damage/abnormality
RE - roots exposed
RG - roots girdling
SC - stems co-dominant
SG - stem girdled
ST - soil on trunk
TB - trunk bent
TC - trunk cavity
TK - trunk crooked
TD - trunk decay
TE - trunk base enlarged abnormally
TF - trunk basal flair lacking / abnormal
TG - trunk/stem girdling
TL - trunk lean (L< 5°), (M 5-20°), (H>20°)
TM - trunks multiple from at or below ground level
TS - trunk split
TT - trunk twisted
TW - trunk wound
WW - wet wood

Quantified Tree Conditions (defects, diseases)
L (low, minor), M (moderate), H (high, severe)
e.g. TK(H) = severe crooked trunk
TD(L) = minor trunk decay
TF(H) = severely poor basal trunk flare

Cardinal Coordinates (N, S, E, W)
e.g., LN(L-S) = minor lean to the south

Codes of Recommendations
A - Add mulch
B - Remove attachments (burlap, wire, stake, guard)
C - Cable
F - Fertilize
L - lower soil level
M - Monitor
N - None Needed
P - Prune
R - Remove
S - Soil bulk density (compaction) lower
V - soil volume (increase)
W - Water

Priority: An action priority schedule (i.e. general timing) to provide arboricultural treatment(s).
E - Extremely Urgent (within a week)
U - Urgent (within 3 months)
H - High (within a year)
M - Moderate (within 3 years)
L - Low (little or no action required for at least 5 years)

Limitations of Tree Assessment

It is the policy of Beacon Environmental Ltd. to attach the following clause regarding limitations of the tree assessment. The intent is to ensure that the client is aware of what is technically and professionally realistic in assessing and/or retaining trees.

The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These techniques include a visual examination of the above-ground parts of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of insect attack, crown dieback, discoloured foliage, the condition of any visible root structures, the degree and direction of lean (if any), the general condition of the tree(s) and the surrounding site, and the proximity of property and people. Except where specifically noted in the report, none of the trees examined were dissected, cored, probed, or climbed, and detailed root crown examinations involving excavation were not undertaken.

Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms and their health and vigour constantly change over time. They are not immune to changes in site conditions, pests, or variations in the weather conditions including severe storms with high-speed winds. Furthermore, some symptoms may only be visible seasonally; the extent of observations that can be made may be limited by the time of year in which the inspection took place.

While reasonable efforts have been made to ensure that the trees recommended for retention are healthy unless stated otherwise within the report, no warranty or guarantees are offered, or implied, that these trees, or any parts of them, will have continued health or structure as noted in the report. It is both professionally and practically impossible to predict with absolute certainty the behaviour of any single tree or group of trees or their component parts in all circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential for failure if provided with the necessary combinations of stresses and elements. This risk can only be eliminated if the tree is removed.

Although every effort has been made to ensure that this assessment is reasonably accurate, it is recommended that trees be re-assessed periodically to identify changes in condition. Design or site plan changes may also necessitate re-assessment and/or revisions to this report. **The assessment presented in this report is valid at the time of the inspection and is intended for sole use of the client.** Any use of this report by a third party, and any decision based on this report, is the singular responsibility of the third party.

Appendix B

Tree Inventory Table
Millcroft Golf Course

Appendix B

Tree Inventory Tables

Area A

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
3351	*Malus sylvestris*	Crab Apple	28	2.4		4.0		4	Good		Millcroft Greens	Preserve
3352	*Malus sylvestris*	Crab Apple	20/ 20 (28)	2.4		4.0		6	Good		Millcroft Greens	Preserve
3353	*Malus sylvestris*	Crab Apple	22	2.4		4.0		5	Good		Millcroft Greens	Preserve
3354	*Malus sylvestris*	Crab Apple	18/ 16 (24)	2.4		4.0		6	Fair-Good	Shaded	Millcroft Greens	Preserve
3355	*Picea pungens*	Blue Spruce	30	2.4		4.0		6	Good		Millcroft Greens	Preserve
3356	*Picea pungens*	Blue Spruce	42	3		5.0		6	Good		Millcroft Greens	Preserve
3357	*Picea pungens*	Blue Spruce	42	3		5.0		7	Good		Millcroft Greens	Preserve
3358	*Picea pungens*	Blue Spruce	44	3		5.0		6	Good		Millcroft Greens	Preserve
3359	*Picea pungens*	Blue Spruce	32	2.4		4.0		4	Fair	Lower limbs removed	Millcroft Greens	Preserve
3360	*Picea pungens*	Blue Spruce	46	3		5.0		7	Good		Millcroft Greens	Preserve
3361	*Picea pungens*	Blue Spruce	46	3		5.0		4	Good	In ROW	Halton Region	Preserve
3362	*Malus sylvestris*	Crab Apple	17/10/16/12 (28)	2.4		4.0		5	Fair		Millcroft Greens	Preserve
3363	*Malus sylvestris*	Crab Apple	12/14/14 (23)	2.4		4.0		5	Fair		Millcroft Greens	Preserve
3364	*Malus pumila*	Common Apple	10/12/12 (20)	2.4		4.0		4	Fair		Millcroft Greens	Preserve
3365	*Malus pumila*	Common Apple	14/10/10/16/12 (28)	2.4	100%	4.0	100%	6	Fair-Poor	Top snapped off	Millcroft Greens	Remove-SWM pond grading
3366	*Malus sylvestris*	Crab Apple	14/24 (28)	2.4	90%	4.0	80%	5	Fair-Good		Millcroft Greens	Remove-SWM pond grading
3367	*Acer platanoides*	Norway Maple	34	2.4	90%	4.0	80%	8	Fair	Crown dieback	Millcroft Greens	Remove-SWM pond grading
3368	*Acer platanoides*	Norway Maple	28	2.4	100%	4.0	100%	8	Fair-Good		Millcroft Greens	Remove-SWM pond grading
3369	*Acer platanoides*	Norway Maple	30	2.4	100%	4.0	90%	7	Good		Millcroft Greens	Remove-SWM pond grading
3370	*Acer platanoides*	Norway Maple	22	2.4	100%	4.0	90%	8	Good		Millcroft Greens	Remove-SWM pond grading
3371	*Acer platanoides*	Norway Maple	22	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-SWM pond grading
3372	*Acer saccharinum*	Silver Maple	20	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove - trail grading
3373	*Acer saccharinum*	Silver Maple	14	2.4	100%	4.0	100%	5	Fair	Wound at base	Millcroft Greens	Remove - Proposed grading
3374	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove - Development
3375	*Acer saccharinum*	Silver Maple	22	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove - Proposed grading
3376	*Salix alba 'Tristis'*	Weeping Willow	26	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove - trail grading
3377	*Fraxinus pennsylvanica*	Green Ash	24	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove - tree not a candidate for retention
3378	*Acer saccharinum*	Silver Maple	20	2.4		4.0		6	Fair-Good		Millcroft Greens	Preserve
3379	*Salix fragilis*	Crack Willow	18/22/30/10/14/12/22/20/12 (56)	3.6		6.0		20	Good		Millcroft Greens	Preserve
3380	*Acer saccharinum*	Silver Maple	42	3	55%	4.0	100%	10	Good		Millcroft Greens	Remove - Floodplain grading
3381	*Tilia cordata*	Little Leaf Linden	28	2.4	55%	4.0	100%	5	Good		Millcroft Greens	Remove - Floodplain grading
3382	*Acer saccharinum*	Silver Maple	40	3	60%	5.0	100%	10	Good		Millcroft Greens	Remove - Floodplain grading
3383	*Fraxinus pennsylvanica*	Green Ash	16	2.4		4.0		5	Fair-Good		Millcroft Greens	Remove - tree not a candidate for retention

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
3384	*Acer saccharinum*	Silver Maple	34	2.4		4.0		10	Good		Millcroft Greens	Preserve
3385	*Acer saccharinum*	Silver Maple	50	3.6	0%	6.0	0%	20	Good		Millcroft Greens	Preserve
3386	*Acer saccharinum*	Silver Maple	26	2.4		4.0		8	Good		Millcroft Greens	Preserve
3387	*Fraxinus pennsylvanica*	Green Ash	44	3		4.0		22	Poor	EAB, dying, dead branches	Millcroft Greens	Remove - tree not a candidate for retention
3388	*Fraxinus pennsylvanica*	Green Ash	20	2.4		4.0		9	Fair-Good	Shaded	Millcroft Greens	Remove - tree not a candidate for retention
3389	*Acer platanoides*	Norway Maple	30	2.4		4.0		5	Good		Millcroft Greens	Preserve
3390	*Acer saccharinum 'Laciniatum'*	Silver Maple	30	2.4		4.0		7	Good		Millcroft Greens	Preserve
3391	*Acer saccharinum 'Laciniatum'*	Silver Maple	42	3		5.0		12	Good		Millcroft Greens	Preserve
3392	*Acer saccharinum 'Laciniatum'*	Silver Maple	32	2.4		4.0		7	Good		Millcroft Greens	Preserve
3393	*Acer saccharinum*	Silver Maple	52	3.6		6		10	Good		Millcroft Greens	Preserve
3394	*Fraxinus pennsylvanica*	Green Ash	32	2.4		4.0		8	Fair-Poor	EAB, dying	Millcroft Greens	Remove - tree not a candidate for retention
3395	*Fraxinus pennsylvanica*	Green Ash	20	2.4		4.0		6	Fair-Poor	EAB, cracks in trunk	Millcroft Greens	Remove - tree not a candidate for retention
3396	*Fraxinus pennsylvanica*	Green Ash	42	3		4.0		12	Poor	EAB, almost dead	Millcroft Greens	Remove - tree not a candidate for retention
3397	*Acer x freemanii*	Freeman's Maple	34	2.4		4.0		6	Good		Millcroft Greens	Preserve
3398	*Pinus nigra*	Austrian Pine	16	2.4		4.0		4	Good		Millcroft Greens	Preserve
3399	*Acer x freemanii*	Freeman's Maple	34	2.4		4.0		6	Good		Millcroft Greens	Preserve
3400	*Acer x freemanii*	Freeman's Maple	48	3.6		6.0		15	Good		Millcroft Greens	Preserve
3401	*Acer saccharinum 'Laciniatum'*	Silver Maple	28	2.4		4.0		4	Good		Millcroft Greens	Preserve
3402	*Acer saccharinum 'Laciniatum'*	Silver Maple	36	2.4		4.0		7	Good		Millcroft Greens	Preserve
3403	*Picea pungens*	Blue spruce	34/30 (45)	3		5.0		10	Good	Included bark, dead branches	Millcroft Greens	Preserve
3404	*Picea pungens*	Blue spruce	28	2.4		4.0		6	Fair-Poor	Top dead	Millcroft Greens	Preserve
3405	*Picea pungens*	Blue spruce	44	3		5.0		9	Good		Millcroft Greens	Preserve
3406	*Fraxinus pennsylvanica*	Green Ash	24	2.4		4.0		6	Poor	EAB, dying	Millcroft Greens	Remove - tree not a candidate for retention
3407	*Salix alba 'Tristis'*	Weeping Willow	34	2.4		4.0		8	Good		Millcroft Greens	Preserve
3408	*Fraxinus pennsylvanica*	Green Ash	26	2.4		4.0		6	Poor	EAB, dying	Millcroft Greens	Remove - tree not a candidate for retention
3409	*Picea pungens*	Blue Spruce	35/32 (47)	3.6	0%	6.0	0%	10	Good		Millcroft Greens	Preserve
3410	*Fraxinus pennsylvanica*	Green Ash	16	2.4		4.0		3	Good		Millcroft Greens	Remove - tree not a candidate for retention
3411	*Fraxinus pennsylvanica*	Green Ash	12	2.4		4.0		3	Good		Millcroft Greens	Remove - tree not a candidate for retention
3412	*Fraxinus pennsylvanica*	Green Ash	24	2.4		4.0		5	Poor	EAB, dying	Millcroft Greens	Remove - tree not a candidate for retention
3413	*Fraxinus pennsylvanica*	Green Ash	22	2.4		4.0		4	Poor	EAB, dying	Millcroft Greens	Remove - tree not a candidate for retention
3414	*Tilia cordata*	Little-leaved Linden	30	2.4		4.0		6	Good		Millcroft Greens	Preserve
3415	*Tilia cordata*	Little Leaf Linden	38	3	0%	5.0		10	Good		Millcroft Greens	Preserve

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
3416	*Gleditsia triacanthos*	Honey Locust	15	2.4		4.0		7	Good		Millcroft Greens	Preserve
3417	*Gleditsia triacanthos*	Honey Locust	20/20 (28)	2.4		4.0		8	Good		Millcroft Greens	Preserve
3418	*Gleditsia triacanthos*	Honey Locust	24	2.4		4.0		8	Good		Millcroft Greens	Preserve
3419	*Gleditsia triacanthos*	Honey Locust	14	2.4		4.0		5	Fair-Good	Wound at base	Millcroft Greens	Preserve
3420	*Populus deltoides*	Cottonwood	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-creek valley grading
3421	*Quercus rubra*	Red Oak	44	3	100%	5.0	100%	20	Good		Millcroft Greens	Remove-creek valley grading
3422	*Thuja occidentalis*	Eastern White Cedar	34	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-creek valley grading
3423	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	7	Fair-Good		Millcroft Greens	Remove-creek valley grading
3424	*Thuja occidentalis*	Eastern White Cedar	20/20/12/24 (39)	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3425	*Pinus nigra*	Austrian Pine	32	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-creek valley grading
3426	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3427	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-creek valley grading
3428	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-creek valley grading
3429	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-creek valley grading
3430	*Thuja occidentalis*	Eastern White Cedar	22/26 (34)	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3431	*Pinus nigra*	Austrian Pine	30	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3432	*Thuja occidentalis*	Eastern White Cedar	18/18/20 (32)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-creek valley grading
3433	*Pinus nigra*	Austrian Pine	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-creek valley grading
3434	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-creek valley grading
3435	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3436	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-creek valley grading
3437	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-creek valley grading
3438	*Picea pungens*	Blue Spruce	26	2.4	60%	4.0	60%	4	Good		Millcroft Greens	Remove-creek valley grading
3439	*Picea pungens*	Blue Spruce	32	2.4	40%	4.0	40%	6	Good		Millcroft Greens	Remove-creek valley grading
3440	*Thuja occidentalis*	Eastern White Cedar	18/26/20 (37)	2.4	100%	4.0	100%	8	Fair-Good	Stems splay out, prone to collapse	Millcroft Greens	Remove-creek valley grading
3441	*Picea pungens*	Blue Spruce	30	2.4	100%	4.0	60%	6	Good		Millcroft Greens	Remove-creek valley grading
3442	*Fraxinus pennsylvanica*	Green Ash	30	2.4	100%	4.0	100%	7	Poor	EAB, dying	Millcroft Greens	Remove-creek valley grading
3443	*Acer x freemanii*	Freeman's Maple	32	2.4	85%	4.0	70%	8	Good		Millcroft Greens	Remove-creek valley grading
3444	*Acer saccharinum*	Silver Maple	42	3	68%	5.0	62%	17	Good		Millcroft Greens	Remove-creek valley grading
3445	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	100%	6	Good	Silver Maple	Millcroft Greens	Remove-creek valley grading
3446	*Picea pungens*	Blue Spruce	14	2.4	100%	4.0	100%	3	Good		Millcroft Greens	Remove-proposed roadway
3447	*Picea abies*	Norway Spruce	38	3	17%	5.0	25%	10	Good		Millcroft Greens	Preserve with Injury -proposed roadway
3448	*Picea abies*	Norway Spruce	24	2.4	50%	4.0	50%	8	Good		Millcroft Greens	Remove-proposed roadway
3449	*Picea abies*	Norway Spruce	38	2.4	10%	4.0	28%	10	Good		Millcroft Greens	Preserve with Injury -proposed roadway
3450	*Picea abies*	Norway Spruce	18	2.4	50%	4.0	50%	6	Good		Millcroft Greens	Remove-proposed roadway
3451	*Pinus nigra*	Austrian Pine	32	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-proposed roadway
3452	*Pinus nigra*	Austrian Pine	28/28 (40)	2.4	50%	4.0	60%	9	Good		Millcroft Greens	Remove-proposed roadway
3453	*Acer x freemanii*	Freeman's Maple	12	2.4	100%	4.0	75%	4	Good		Millcroft Greens	Remove-proposed roadway
3454	*Pinus nigra*	Austrian Pine	36	2.4	10%	4.0	30%	7	Good		Millcroft Greens	Preserve with Injury -proposed roadway
3455	*Picea pungens*	Blue Spruce	20	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove-proposed roadway

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3456	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-proposed roadway
3457	*Picea glauca*	White Spruce	24	2.4	4%	4.0	25%	5	Good		Millcroft Greens	Preserve with Injury - Proposed road grading
3458	*Picea glauca*	White Spruce	24	2.4	0%	4.0	15%	5	Good		Millcroft Greens	Preserve with Injury - Proposed road grading
3459	*Picea pungens*	Blue Spruce	26	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-proposed roadway
3460	*Picea pungens*	Blue Spruce	26	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-proposed roadway
3461	*Picea pungens*	Blue Spruce	26	2.4	100%	4.0	75%	5	Good		Millcroft Greens	Remove-proposed roadway
3462	*Acer platanoides*	Norway Maple	40	3	0%	5.0	9%	6	Good		Millcroft Greens	Preserve with injury - proposed swale
3463	*Picea glauca*	White spruce	28	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-proposed roadway
3464	*Pinus nigra*	Austrian Pine	28	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-proposed roadway
3465	*Picea pungens*	Blue Spruce	28	2.4		4.0		5	Good		Millcroft Greens	Preserve
3466	*Pinus nigra*	Austrian Pine	30/38 (48)	3	11%	5.0	22%	8	Fair-Good		Millcroft Greens	Preserve with Injury - Proposed road grading
3467	*Picea glauca*	White Spruce	24	2.4		4.0		5	Fair	Thinning canopy	Millcroft Greens	Preserve
3468	*Acer platanoides*	Norway Maple	34	2.4		4.0		10	Poor	Large wound in trunk- dying	Millcroft Greens	Remove - tree not a candidate for retention
3469	*Picea glauca*	White Spruce	32	2.4		4.0		8	Fair	Thinning canopy	Millcroft Greens	Preserve
3470	*Acer x freemanii*	Freeman's Maple	12	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-proposed roadway
3471	*Thuja occidentalis*	Eastern White Cedar	24/8 (25)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-proposed roadway
3472	*Picea glauca*	White Spruce	34	2.4		4.0		6	Good		Millcroft Greens	Preserve
3473	*Acer platanoides*	Norway Maple	24	2.4		4.0		7	Good		Millcroft Greens	Preserve
3474	*Pinus nigra*	Austrian Pine	34	2.4	50%	4.0	50%	8	Good		Millcroft Greens	Remove-proposed swale
3475	*Picea glauca*	White Spruce	32	2.4		4.0		7	Good		Millcroft Greens	Preserve
3476	*Picea abies*	Norway Spruce	34	2.4		4.0		10	Good		Millcroft Greens	Preserve
3477	*Picea abies*	Norway Spruce	26	2.4		4.0		6	Fair-Good	Dead branches-shaded	Millcroft Greens	Preserve
3478	*Picea abies*	Norway Spruce	38	3	0%	5.0	3%	10	Good		Millcroft Greens	Preserve with injury - proposed swale
3479	*Pinus nigra*	Austrian Pine	26	2.4	55%	4.0	55%	8	Good		Millcroft Greens	Remove-proposed swale
3480	*Pinus nigra*	Austrian Pine	35	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3481	*Thuja occidentalis*	Eastern White Cedar	22/22 (31)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3482	*Thuja occidentalis 'Emerald'*	Emerald Cedar	15/8 (17)	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove-proposed roadway
3483	*Pinus strobus*	White Pine	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove - Development
3484	*Picea abies*	Norway Spruce	28	2.4		4.0		8	Good		Millcroft Greens	Preserve
3485	*Picea abies*	Norway Spruce	34	2.4		4.0		10	Good		Millcroft Greens	Preserve
3486	*Acer platanoides*	Norway Maple	36	2.4		4.0		15	Good		Millcroft Greens	Preserve
3487	*Acer platanoides*	Norway Maple	34	2.4		4.0		8	Good		Millcroft Greens	Preserve
3488	*Acer platanoides*	Norway Maple	26	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-proposed swale
3489	*Picea pungens*	Blue Spruce	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-proposed swale
3490	*Pinus strobus*	White Pine	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-proposed roadway
3491	*Populus deltoides*	Cottonwood	50	3		5.0		8	Poor	Many dead branches- in decline	Millcroft Greens	Remove - tree not a candidate for retention
3492	*Acer platanoides*	Norway Maple	44	3	20%	5.0	30%	20	Good		Millcroft Greens	Remove-proposed swale

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3493	*Quercus macrocarpa*	Bur Oak	50	3	100%	5.0	100%	20	Good		Millcroft Greens	Remove-Development
3494	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3495	*Picea abies*	Norway Spruce	34	2.4	19%	4.0	31%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3496	*Picea abies*	Norway Spruce	46	3	6%	5.0	20%	10	Poor	Dead	Millcroft Greens	Remove - tree not a candidate for retention
3497	*Picea abies*	Norway Spruce	40	2.4	20%	4.0	30%	12	Good		Millcroft Greens	Remove-proposed swale
3498	*Picea abies*	Norway Spruce	32	2.4	N/A	4.0	11%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3499	*Picea abies*	Norway Spruce	36	2.4	20%	4.0	30%	10	Good		Millcroft Greens	Remove-proposed swale
3500	*Acer saccharinum*	Silver Maple	42	3	100%	5.0	100%	14	Good		Millcroft Greens	Remove-Development
3851	*Pinus nigra*	Austrian Pine	28	2.4	100%	4.0	100%	5	Fair	Top dead	Millcroft Greens	Remove-Development
3852	*Picea abies*	Norway Spruce	30	2.4	12%	4.0	33%	5	Good		Millcroft Greens	Preserve with Injury - proposed swale
3853	*Acer saccharinum*	Silver Maple	54	3.6	100%	6	90%	22	Good		Millcroft Greens	Remove-Development
3854	*Picea abies*	Norway Spruce	32	2.4	20%	4.0	30%	8	Good		Millcroft Greens	Remove-proposed swale
3855	*Picea glauca*	White Spruce	36	2.4	12%	4.0	28%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3856	*Acer platanoides*	Norway Maple	34	2.4	20%	4.0	30%	9	Good		Millcroft Greens	Remove-proposed swale
3857	*Acer platanoides*	Norway Maple	28	2.4	20%	4.0	30%	6	Good		Millcroft Greens	Preserve with Injury - proposed swale
3858	*Acer platanoides*	Norway Maple	30	2.4	20%	4.0	20%	6	Fair-Poor	Very thin canopy	Millcroft Greens	Remove-proposed swale
3859	*Acer platanoides*	Norway Maple	36	2.4	24%	4.0	32%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3860	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3861	*Acer saccharinum*	Silver Maple	38	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3862	*Pinus nigra*	Austrian Pine	32	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3863	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3864	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3865	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	100%	9	Good		Millcroft Greens	Remove-Development
3866	*Pinus nigra*	Austrian Pine	26	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3867	*Pinus nigra*	Austrian Pine	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3868	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3869	*Fraxinus pennsylvanica*	Green Ash	28	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove - tree not a candidate for retention
3870	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3871	*Pinus strobus*	White Pine	24	2.4	100%	4.0	100%	8	Poor	Almost Dead	Millcroft Greens	Remove-Development
3872	*Pinus nigra*	Austrian Pine	20	2.4	53%	4.0	52%	7	Fair	Thinning canopy	Millcroft Greens	Remove-proposed swale
3873	*Pinus strobus*	White Pine	20	2.4	100%	4.0	93%	4	Poor	Almost Dead	Millcroft Greens	Remove-Development
3874	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	8	Fair-Good		Millcroft Greens	Remove-Development
3875	*Pinus strobus*	White Pine	26	2.4	100%	4.0	100%	4	Fair-Good		Millcroft Greens	Remove-Development
3876	*Acer saccharinum*	Silver Maple	22	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3877	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3878	*Fraxinus pennsylvanica*	Green Ash	12	2.4		4.0		4	Good		Millcroft Greens	Remove - tree not a candidate for retention

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3879	*Fraxinus pennsylvanica*	Green Ash	14	2.4		4.0		4	Good		Millcroft Greens	Remove - tree not a candidate for retention
3880	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3881	*Pinus nigra*	Austrian Pine	30	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3882	*Acer saccharinum*	Silver Maple	42	3	35%	5.0	42%	15	Good		Millcroft Greens	Remove-Development
3883	*Pinus nigra*	Austrian Pine	32	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3884	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3885	*Pinus nigra*	Austrian Pine	30	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3886	*Pinus nigra*	Austrian Pine	28/16 (32)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3887	*Pinus nigra*	Austrian Pine	22/20 (30)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3888	*Acer saccharinum*	Silver Maple	36	2.4	100%	4.0	98%	15	Good		Millcroft Greens	Remove-Development
3889	*Pinus strobus*	White Pine	28	2.4	85%	4.0	76%	8	Good		Millcroft Greens	Remove-Development
3890	*Picea abies*	Norway Spruce	24	2.4	34%	4.0	40%	5	Good		Millcroft Greens	Remove-Development
3891	*Picea abies*	Norway Spruce	24	2.4	100%	4.0	85%	5	Good		Millcroft Greens	Remove-Development
3892	*Pinus strobus*	White Pine	20	2.4	100%	4.0	100%	2	Fair		Millcroft Greens	Remove-Development
3893	*Fraxinus pennsylvanica*	Green Ash	24	2.4	100%	4.0	100%	5	Poor	In decline, EAB	Millcroft Greens	Remove - tree not a candidate for retention
3894	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
3895	*Picea pungens*	Blue Spruce	24/22 (33)	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3896	*Picea pungens*	Blue Spruce	38	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3897	*Fraxinus pennsylvanica*	Green Ash	40	2.4	100%	4.0	100%	12	Fair-Good		Millcroft Greens	Remove - tree not a candidate for retention
3898	*Fraxinus pennsylvanica*	Green Ash	38	2.4	100%	4.0	100%	10	Fair-Good		Millcroft Greens	Remove - tree not a candidate for retention
3899	*Pinus strobus*	White Pine	13	2.4	100%	4.0	100%	3	Fair		Millcroft Greens	Remove-Development
3900	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	8	Fair	Large crack down trunk	Millcroft Greens	Remove-Development
3951	*Picea glauca*	White Spruce	16	2.4	100%	4.0	100%	3	Good		Millcroft Greens	Remove-Development
3952	*Fraxinus pennsylvanica*	Green Ash	26	2.4	100%	4.0	100%	15	Fair	Dieback in crown	Millcroft Greens	Remove - tree not a candidate for retention
3953	*Acer saccharinum*	Silver Maple	40	2.4	100%	4.0	100%	17	Good		Millcroft Greens	Remove-Development
3954	*Picea glauca*	White Spruce	18	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
3955	*Acer saccharinum*	Silver Maple	38	2.4	100%	4.0	100%	15	Good		Millcroft Greens	Remove-Development
3956	*Acer saccharinum*	Silver Maple	48	3	48%	5.0	47%	18	Good		Millcroft Greens	Remove-Development
3957	*Acer saccharinum*	Silver Maple	41	3	100%	5.0	100%	14	Good		Millcroft Greens	Remove-Development
3958	*Picea glauca*	White Spruce	20	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3959	*Tilia cordata*	Little Leaf Linden	20	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
3960	*Tilia cordata*	Little Leaf Linden	22	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
3961	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3962	*Tilia cordata*	Little Leaf Linden	20	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
3963	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3964	*Acer saccharinum*	Silver Maple	38	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3965	*Acer saccharinum*	Silver Maple	40	2.4	100%	4.0	100%	18	Good		Millcroft Greens	Remove-Development
3966	*Acer x freemanii*	Freeman's Maple	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3967	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3968	*Acer saccharinum*	Silver Maple	54	3.6	100%	6.0	100%	20	Good		Millcroft Greens	Remove-Development

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3969	*Picea glauca*	White spruce	24	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3970	*Acer x freemanii*	Freeman's Maple	12	2.4	100%	4.0	100%	4	Fair-Poor	Large crack in trunk	Millcroft Greens	Remove-Development
3971	*Tilia cordata*	Little Leaf Linden	28	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3972	*Acer saccharinum*	Silver Maple	46	3	100%	5.0	100%	15	Good		Millcroft Greens	Remove-Development
3973	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3974	*Pinus nigra*	Austrian Pine	32	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3975	*Picea glauca*	White Spruce	28	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3976	*Gleditsia triacanthos*	Honey Locust	16	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3977	*Pinus nigra*	Austrian Pine	40	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3978	*Gleditsia triacanthos*	Honey Locust	16	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3979	*Gleditsia triacanthos*	Honey Locust	24	2.4	100%	4.0	90%	9	Good		Millcroft Greens	Remove-Development
3980	*Acer saccharinum*	Silver Maple	50	3	100%	5.0	100%	20	Good		Millcroft Greens	Remove-Development
3981	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3982	*Pinus nigra*	Austrian Pine	45	3	100%	5.0	100%	15	Good		Millcroft Greens	Remove-proposed road
3983	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-proposed road
3984	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-proposed road
3985	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	9	Good		Millcroft Greens	Remove-proposed road
3986	*Acer saccharinum*	Silver Maple	32	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-proposed road
3987	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-proposed Swale
3988	*Pinus nigra*	Austrian Pine	46	3	100%	5.0	100%	12	Good		Millcroft Greens	Remove-Development Grading
3989	*Acer saccharinum*	Silver Maple	38	3	62%	5.0	60%	15	Good		Millcroft Greens	Remove-Development
3990	*Pinus nigra*	Austrian Pine	38	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3991	*Pinus nigra*	Austrian Pine	42	3	100%	5	100%	18	Good		Millcroft Greens	Remove-Development
3992	*Acer saccharinum*	Silver Maple	36	2.4	100%	4.0	100%	9	Good		Millcroft Greens	Remove-Development
3993	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3994	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3995	*Acer saccharinum*	Silver Maple	24	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3996	*Acer saccharinum*	Silver Maple	26	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3997	*Acer saccharinum*	Silver Maple	26	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3998	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3999	*Picea pungens*	Blue Spruce	36	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
4000	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
A1	*Acer x freemanii*	Freeman's Maple	65	4.2		7.0		6	Good/Fair	Multiple leaders	Private	Preserve
A10	*Fraxinus pennsylvanica*	Green Ash	15	2.4		4.0		4	Dead	Growing through fence	Shared: Private/Millcroft Greens	Preserve
A100	*Picea glauca*	White Spruce	10	1.8		1.8		2	Good/Fair	Shaded crown.	Private	Preserve
A101	*Picea glauca*	White Spruce	20	2.4		4.0		5	Good		Private	Preserve
A102	*Fraxinus pennsylvanica*	Green Ash	9	1.8		1.8		3	Poor	Growing through fence previous poor pruning multiple sprouts.	Shared: Private/Millcroft Greens	Preserve
A103	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8		3	Poor	Growing through fence, almost dead.	Shared: Private/Millcroft Greens	Preserve

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
A104	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A105	*Picea glauca*	White Spruce	10	1.8		1.8		2	Good		Private	Preserve
A106	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A107	*Picea glauca*	White Spruce	10	1.8		1.8		2	Good		Private	Preserve
A11	*Fraxinus pennsylvanica*	Green Ash	12	2.4		4.0		4	Poor	Nearly Dead growing through fence	Shared: Private/Millcroft	Preserve
A12	*Thuja occidentalis*	Eastern White Cedar	10 to 15	1.8		1.8		2	Fair	Hedge growing from planter box, crown die back 30%	Private	Preserve
A13	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15	2.4		4.0		3	Good	Growing in raised planter box.	Private	Preserve
A14	*Ulmus americana*	White Elm	10, 7 (12)	2.4		4.0		2.5	Good	Going through fence.	Shared: Private/Millcroft Greens	Preserve
A15	*Picea pungens*	Blue Spruce	30	2.4		4.0		5	Good/Fair	Minor crown die back competing with adjacent tree	Private	Preserve
A16	*Picea pungens*	Blue Spruce	25	2.4		4.0		5	Good/Fair	Competing with adjacent tree some crown die back due to shading.	Private	Preserve
A17	*Thuja occidentalis*	Eastern White Cedar	15, 20 (25)	2.4		4.0		2	Good	Lean towards the South.	Private	Preserve
A18	*Betula papyrifera*	Paper Birch	15, 10, 10 (21)	2.4		4.0		6	Good		Private	Preserve
A19	*Pinus sylvestris*	Scots Pine	40	2.4		4.0		5	Good	Growing on soil raised approx 10 cm from golf course.	Private	Preserve
A2	*Fraxinus pennsylvanica*	Green Ash	15, 15 (21)	2.4		4.0		6	Poor	Nearly dead	Private	Preserve
A20	*Pinus sylvestris*	Scots Pine	35	2.4		4.0		6	Good	Codominant stems at 2m	Private	Preserve
A21	*Liquidambar styraciflua, 'Fastigiata'*	Sweetgum, 'Slender Silhouette'	5	1.8		1.8		0.5	Good	Part of hedge / row of trees	Private	Preserve
A22	*Liquidambar styraciflua, 'Fastigiata'*	Sweetgum, 'Slender Silhouette'	5	1.8		1.8		1	Good	Part of hedge / row of trees	Private	Preserve
A23	*Picea pungens*	Blue Spruce	35	2.4		4.0		4	Good	Some storm damage to top of canopy.	Private	Preserve
A24	*Picea pungens*	Blue Spruce	30	2.4		4.0		3	Poor	Significant canopy die back. 50%. Poor pruning.	Private	Preserve
A25	*Picea glauca*	White Spruce	15	2.4		4.0		2	Good/Fair		Private	Preserve
A26	*Catalpa speciosa*	Northern Catalpa	20	2.4		4.0		3	Good	Standard	Private	Preserve
A27	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	Private	Preserve
A28	*Acer platanoides*	Norway Maple	22	2.4		4.0		4	Good/Fair	Significant callus wound on 80% of trunk length.	City of Burlington	Preserve
A29	*Picea abies*	Norway Spruce	25	2.4		4.0		6	Good		Private	Preserve
A3	*Pyrus sp.*	Pear	35	2.4		4.0		5	Good		Private	Preserve
A30	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	City of Burlington	Preserve
A31	*Acer platanoides*	Norway Maple	13	2.4		4.0		4	Fair/Poor	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A32	*Picea abies*	Norway Spruce	30	2.4		4.0		4	Good/Fair	Recent new patio.	Private	Preserve
A33	*Fraxinus americana*	White Ash	8	1.8		1.8		2	Good	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A34	*Picea abies*	Norway Spruce	20	2.4		4.0		4	Good		Private	Preserve

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A35	*Fraxinus americana*	White Ash	6	1.8		1.8		2	Fair/Poor	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A36	*Gleditsia triacanthos var. inermis*	Honey Locust	30	2.4		4.0		8	Good		Private	Preserve
A37	*Thuja occidentalis*	Eastern White Cedar	10	1.8		1.8		1	Good		Private	Preserve
A38	*Pyrus sp.*	Pear	15	2.4		4.0		3	Good	Growing in raised planter bed.	Private	Preserve
A39	*Picea glauca*	White Spruce	20	2.4		4.0		3	Good/Fair	Canopy shading from adjacent trees canopy shading from adjacent trees causing dieback.	Private	Preserve
A4	*Pyrus sp.*	Pear	30	2.4		4.0		4	Good		Private	Preserve
A40	*Picea glauca*	White Spruce	15	2.4		4.0		2	Fair	20° lean to West east side of tree canopy shaded and dead.	Private	Preserve
A41	*Malus baccata*	Siberian Crabapple	15	2.4		4.0		4	Good		Private	Preserve
A42	*Malus baccata*	Siberian Crabapple	17	2.4		4.0		4	Good		Private	Preserve
A43	*Picea pungens*	Blue Spruce	20	2.4		4.0		4	Good		Private	Preserve
A44	*Quercus robur*	English Oak	5	1.8		1.8		1	Good		Private	Preserve
A45	*Quercus robur*	English Oak	5	1.8		1.8		1	Good		Private	Preserve
A46	*Quercus robur*	English Oak	5	1.8		1.8		1	Good		Private	Preserve
A47	*Quercus robur*	English Oak	5	1.8		1.8		1	Good		Private	Preserve
A48	*Salix sp.*	Willow	5	1.8		1.8		1	Good		Private	Preserve
A49	*Acer palmatum*	Japanese Maple	20	2.4		4.0		8	Good	Multiple codominant stems above 20 cm tk height	Private	Preserve
A5	*Acer palmatum*	Japanese Maple	20	2.4		4.0		3	Good	In raised planter box	Private	Preserve
A50	*Picea pungens*	Blue Spruce	35	2.4		4.0		4	Good		Private	Preserve
A51	*Picea pungens*	Blue Spruce	30	2.4		4.0		4	Good		Private	Preserve
A52	*Malus baccata*	Siberian Crabapple	15	2.4		4.0		3	Good/Fair	Leaf discoloration, some defoliation	Private	Preserve
A53	*Picea pungens*	Blue Spruce	20	2.4		4.0		4	Good		Private	Preserve
A54	*Picea pungens*	Blue Spruce	15	2.4		4.0		4	Good		Private	Preserve
A55	*Picea pungens*	Blue Spruce	20	2.4		4.0		5	Good		Private	Preserve
A56	*Picea pungens*	Blue Spruce	20	2.4		4.0		5	Good		Private	Preserve
A57	*Acer palmatum*	Japanese Maple	15	2.4		4.0		5	Good	Codominant leaders.	Private	Preserve
A58	*Picea pungens*	Blue Spruce	40	2.4		4.0		6	Good		Private	Preserve
A59	*Acer platanoides*	Norway Maple	10	1.8		1.8		4	Fair	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A6	*Thuja occidentalis*	Eastern White Cedar	5	1.8	15%	1.8	15%	2	Dead	Hedge, in raised planter box, drainage hole in planter box plugged with golf ball. All trees dead except for 1.	Private	Preserve with Injury - Grading assoc. with storm pipe
A60	*Acer rubrum*	Red Maple	25	2.4		4.0		6	Good/Fair	Girdled roots.	Private	Preserve
A61	*Betula papyrifera*	Paper Birch	25, 20, 15 (35)	2.4		4.0		6	Good		Private	Preserve
A62	*Picea abies*	Norway Spruce	35	2.4		4.0		10	Good		Private	Preserve
A63	*Acer platanoides*	Norway Maple	20	2.4		4.0		7	Good/Fair	Previously topped.	Private	Preserve

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A64	*Picea abies*	Norway Spruce	40	2.4		4.0		7	Good		Private	Preserve
A65	*Picea abies*	Norway Spruce	40	2.4		4.0		8	Good		Private	Preserve
A66	*Picea abies*	Norway Spruce	40	2.4		4.0		8	Good		Private	Preserve
A67	*Picea abies*	Norway Spruce	40	2.4		4.0		10	Good		Private	Preserve
A68	*Acer platanoides*	Norway Maple	40	2.4		4.0		9	Good		Private	Preserve
A69	*Picea pungens*	Blue Spruce	40	2.4		4.0		5	Good		Private	Preserve
A7	*Acer platanoides*	Norway Maple	5	1.8		1.8		2	Fair	In raised planter box, sprouts from once cut tree left to grow, growing through fence	Private	Preserve
A70	*Acer negundo*	Manitoba Maple	20	2.4		4.0		5	Fair	Growing through fence, codominant stems with included bark.	Shared: Private/Millcroft Greens	Preserve
A71	*Acer negundo*	Manitoba Maple	15	2.4		4.0		5	Good/Fair	Some rot at base.	Private	Preserve
A72	*Tilia cordata*	Little-leaved Linden	13	2.4		4.0		4	Good		Private	Preserve
A73	*Tilia cordata*	Little-leaved Linden	14	2.4		4.0		4	Good		Private	Preserve
A74	*Morus alba*	White Mulberry	10	1.8		1.8		1.5	Good	Weeping standard	Private	Preserve
A75	*Gleditsia triacanthos var. inermis*	Honey Locust	50	3.0		5.0		9	Good		Private	Preserve
A76	*Picea pungens*	Blue Spruce	35	2.4		4.0		5	Good	Growing from raised planter.	Private	Preserve
A77	*Betula papyrifera*	Paper Birch	25, 15 (29)	2.4		4.0		6	Good		Private	Preserve
A78	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Grouping of 3, very close	Private	Preserve
A79	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Grouping of 3, very close	Private	Preserve
A8	*Malus pumila*	Common Apple	7	1.8		1.8		3	Good/Fair	Multiple low branches near base of tk, tk ln to south approx. 50 degrees.	Private	Preserve
A80	*Picea pungens*	Blue Spruce	30	2.4		4.0		5	Good		Private	Preserve
A81	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A82	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	Private	Preserve
A83	*Pinus sylvestris*	Scots Pine	45	3.0		5.0		7	Good	Unbalanced crown.	Private	Preserve
A84	*Picea glauca*	White Spruce	20	2.4		4.0		5	Good		Private	Preserve
A85	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A86	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A87	*Picea glauca*	White Spruce	10	1.8		1.8		5	Good		Private	Preserve
A88	*Picea glauca*	White Spruce	20	2.4		4.0		5	Good		Private	Preserve
A89	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A9	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8		2.5	Poor	Growing through fence	Shared: Private/Millcroft Greens	Preserve
A90	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good	Lean towards South.	Private	Preserve
A91	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A92	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A93	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A94	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve
A95	*Picea glauca*	White Spruce	20	2.4		4.0		5	Good		Private	Preserve
A96	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good		Private	Preserve

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A97	*Picea abies*	Norway Spruce	25	2.4		4.0		6	Good		Private	Preserve
A98	*Picea glauca*	White Spruce	15	2.4		4.0		2	Good		Private	Preserve
A99	Picea glauca	White Spruce	15	2.4		4.0		2	Good		Private	Preserve

Area B

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
246	*Fraxinus pennsylvanica*	Green Ash	35	2.4	85%	4.0	75%	10	Fair-Poor	Thin	Millcroft Greens	Remove - tree not a candidate for retention
247	*Pinus strobus*	White Pine	47	3.6	96%	6.0	89%	6	Fair	Shaded-Thin	Millcroft Greens	Remove-Development
248	*Acer platanoides*	Norway Maple	32	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
249	*Acer saccharinum*	Silver Maple	42	3	100%	5.0	100%	8	Good		Millcroft Greens	Remove-Development
250	*Populus deltoides*	Cottonwood	55	3.6	100%	6.0	100%	8	Poor	In decline, dead branches	Millcroft Greens	Remove-Development
251	*Picea abies*	Norway Spruce	37	2.4	100%	4.0	100%	8	Fair	Dead branches, thin	Millcroft Greens	Remove-Development
252	*Pinus nigra*	Austrian Pine	40	2.4		4.0		12	Good		Millcroft Greens	Preserve
253	*Pinus nigra*	Austrian Pine	32	2.4	50%	4.0	55%	8	Good		Millcroft Greens	Remove - removal of existing storm pipe
254	*Pinus nigra*	Austrian Pine	41	3	80%	5.0	30%	10	Good		Millcroft Greens	Remove - removal of existing storm pipe
255	*Picea pungens*	Blue Spruce	35	2.4	N/A	4.0	12%	8	Good		Millcroft Greens	Preserve with Injury - proposed development
256	*Picea pungens*	Blue Spruce	34	2.4	100%	4.0	100%	6	Fair-Good	Top damaged	Millcroft Greens	Remove-Development
257	*Picea pungens*	Blue Spruce	36	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
258	*Thuja occidentalis 'Emerald'*	Emerald Cedar	30/23/18 (42)	2.4	100%	4.0	100%	6	Fair-Good	Stems splay out, prone to collapse	Millcroft Greens	Remove-Development
259	*Thuja occidentalis 'Emerald'*	Emerald Cedar	10/28/32 (44)	2.4	100%	4.0	100%	5	Fair-Good	Rope girdling stem, Stems splay out, prone to collapse	Millcroft Greens	Remove-Development
260	*Thuja occidentalis 'Emerald'*	Emerald Cedar	35	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
261	*Thuja occidentalis 'Emerald'*	Emerald Cedar	16/22/10 (29)	2.4	30%	4.0	44%	4	Fair-Good	Stems splay out, prone to collapse	Millcroft Greens	Remove - removal of existing storm pipe
262	*Acer saccharinum*	Silver Maple	12	2.4	2%	4.0	33%	4	Good		Millcroft Greens	Preserve with injury - Proposed development grading
263	*Acer saccharinum*	Silver Maple	12	2.4	12%	4.0	23%	5	Good		Millcroft Greens	Preserve with Injury - Proposed swale
264	*Acer saccharinum*	Silver Maple	12	2.4	45%	4.0	40%	5	Good		Millcroft Greens	Remove - installation of new storm pipe and proposed swale
265	*Acer negundo*	Manitoba Maple	11	2.4	60%	4.0	55%	4	Good		Millcroft Greens	Remove - installation of new storm pipe and proposed swale
266	*Thuja occidentalis*	Eastern White Cedar	18/16/10/14/10/10 (33)	2.4	63%	4.0	58%	5	Fair-Good	wound at base	Millcroft Greens	Remove - installation of new storm pipe
267	*Thuja occidentalis*	Eastern White Cedar	22/8/8/3 (25)	2.4	100%	4.0	100%	3	Fair-Good	wound at base	Millcroft Greens	Remove - installation of new storm pipe
268	*Thuja occidentalis*	Eastern White Cedar	14/16/16/18/22 (39)	3		5.0	20%	4	Good		Millcroft Greens	Preserve with Injury - Proposed swale

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269	*Thuja occidentalis*	Eastern White Cedar	18	2.4		4.0	20%	1	Fair		Millcroft Greens	Preserve with injury - Proposed development grading
270	*Thuja occidentalis*	Eastern White Cedar	15	2.4		4.0	15%	1	Fair		Millcroft Greens	Preserve with injury - Proposed development grading
271	*Thuja occidentalis*	Eastern White Cedar	17/18	2.4		4.0	15%	3	Good		Millcroft Greens	Preserve with injury - Proposed development grading
272	*Thuja occidentalis*	Eastern White Cedar	20	2.4		4.0	15%	3	Good		Millcroft Greens	Preserve with injury - Proposed development grading
273	*Thuja occidentalis*	Eastern White Cedar	10/10/10/13 (22)	2.4	70%	4.0	60%	5	Fair		Millcroft Greens	Remove - removal of existing storm pipe
274	*Thuja occidentalis*	Eastern White Cedar	12/10 (16)	2.4	100%	4.0	100%	3	Fair-Poor		Millcroft Greens	Remove-Development and removal of existing storm pipe
275	*Thuja occidentalis*	Eastern White Cedar	11/18/18 (28)	2.4	100%	4.0	100%	4	Fair-Good		Millcroft Greens	Remove - proposed trail and storm pipe and basement grading
276	*Thuja occidentalis*	Eastern White Cedar	20	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove - removal of existing storm pipe and installation of proposed storm pipe, proposed path
277	*Thuja occidentalis*	Eastern White Cedar	13/24 (27)	2.4	100%	4.0	100%	5	Fair-Good	Leaning	Millcroft Greens	Remove - installation of new storm pipe and path
278	*Picea pungens*	Blue Spruce	22	2.4	100%	4.0	100%	2	Fair	Leaning	Millcroft Greens	Remove-Development
1109	*Fraxinus pennsylvanica*	Green Ash	34	2.4	100%	4.0	100%	12	Poor	Dying	Millcroft Greens	Remove - tree not a candidate for retention
2804	*Acer platanoides*	Norway Maple	27	2.4	73%	4.0	70%	15	Good		Millcroft Greens	Remove-proposed swale
3285	*Acer saccharinum*	Silver Maple	43	3	100%	5.0	100%	15	Good		Millcroft Greens	Remove-Development
3287	*Pinus nigra*	Austrian Pine	43	3	100%	5.0	92%	10	Good		Millcroft Greens	Remove-Development
3288	*Pinus nigra*	Austrian Pine	29	2.4	98%	4.0	68%	6	Good		Millcroft Greens	Remove-proposed swale
3289	*Picea pungens*	Blue Spruce	26	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3290	*Pinus nigra*	Austrian Pine	35	2.4	100%	4.0	100%	8	Fair-Good	Thinning canopy	Millcroft Greens	Remove-Development
3291	*Picea pungens*	Blue Spruce	30	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3292	*Pinus strobus*	White Pine	37	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3293	*Pinus nigra*	Austrian Pine	35	2.4	100%	4.0	90%	6	Good		Millcroft Greens	Remove-Development
3294	*Fraxinus pennsylvanica*	Green Ash	40	2.4	10%	4.0	55%	10	Poor	Dying	Millcroft Greens	Remove - tree not a candidate for retention
3295	*Acer saccharinum*	Silver Maple	53	3.6	50%	6.0	50%	18	Fair-Good	Large wound in trunk	Millcroft Greens	Remove - proposed development incl. swale
3296	*Pinus strobus*	White Pine	34	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
3297	*Populus deltoides*	Cottonwood	13	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove-Development
3298	*Pinus strobus*	White Pine	36	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3299	*Picea glauca*	White Spruce	14/21(25)	2.4	100%	4.0	100%	5	Fair-Good		Millcroft Greens	Remove-Development
3300	*Acer saccharinum*	Silver Maple	52	3.6	100%	6.0	100%	15	Good		Millcroft Greens	Remove-Development
3301	*Pinus nigra*	Austrian Pine	26	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3302	*Pinus strobus*	Eastern White Pine	22	2.4		4.0		5	Fair	Top dying	Millcroft Greens	Preserve
3303	*Picea pungens*	Blue Spruce	22	2.4		4.0		5	Good		Millcroft Greens	Preserve
3304	*Thuja occidentalis*	Eastern White Cedar	17/14/16/14/22 (37)	3	0%	5.0	7%	5	Good		Millcroft Greens	Preserve with injury - Proposed grading assoc. with trail
3305	*Picea glauca*	White Spruce	24	2.4	40%	4.0	40%	6	Fair	Canopy thin	Millcroft Greens	Remove - Proposed trail
3306	*Thuja occidentalis*	Eastern White Cedar	24	2.4	20%	4.0	20%	4	Good		Millcroft Greens	Preserve with Injury - Proposed grading asoc. with trail
3307	*Thuja occidentalis*	Eastern White Cedar	24/20 (34)	2.4	45%	4.0	45%	6	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)

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3308	*Acer platanoides*	Norway Maple	24	2.4	70%	4.0	60%	6	Good		Millcroft Greens	Remove - Proposed grading asoc. with basement and trail
3309	*Pinus strobus*	White Pine	26	2.4	76%	4.0	70%	7	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3310	*Pinus strobus*	White Pine	34	2.4	48%	4.0	48%	10	Good		Millcroft Greens	Remove-Development Grading
3311	*Picea glauca*	White Spruce	24	2.4	100%	4.0	80%	8	Good		Millcroft Greens	Remove-proposed trail
3312	*Pinus strobus*	White Pine	34	2.4	98%	4.0	78%	10	Good		Millcroft Greens	Remove - Proposed road and trail
3313	*Picea glauca*	White Spruce	32	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-proposed trail grading
3314	*Picea glauca*	White Spruce	24	2.4	100%	4.0	100%	5	Fair-Good		Millcroft Greens	Remove-proposed trail grading
3315	*Picea glauca*	White Spruce	16	2.4	0%	4.0	27%	2	Good		Millcroft Greens	Preserve with Injury - Proposed swale
3316	*Pinus nigra*	Austrian Pine	24	2.4	70%	4.0	60%	6	Good		Millcroft Greens	Remove - Proposed swale
3317	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3318	*Pinus nigra*	Austrian Pine	36	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove- Development (house)
3319	*Acer saccharinum*	Silver Maple	54	3.6	100%	4.0	100%	25	Good		Millcroft Greens	Remove-Proposed swale and houses
3320	*Acer saccharinum*	Silver Maple	50	3	70%	5.0	60%	20	Good		Millcroft Greens	Remove - proposed swale
3321	*Populus deltoides*	Cottonwood	60	3.6	100%	6.0	100%	18	Fair	Leader gone	Millcroft Greens	Remove-Development
3322	*Acer saccharinum*	Silver Maple	36	2.4	100%	4.0	100%	20	Good		Millcroft Greens	Remove-Development
3323	*Fraxinus pennsylvanica*	Green ash	30	2.4	100%	4.0	100%	6	Fair	Top thin	Millcroft Greens	Remove - tree not a candidate for retention
3324	*Acer saccharinum*	Silver Maple	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3325	*Acer saccharinum 'Laciniatum'*	Silver Maple	36	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3326	*Acer saccharinum*	Silver Maple	26/20/26/24/18 (52)	3.6	100%	6.0	100%	15	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with lot & basement)
3327	*Acer saccharinum*	Silver Maple	14	2.4	100%	4.0	100%	5	Fair	Large wound in trunk	Millcroft Greens	Remove-Development
3328	*Acer x freemanii*	Freeman's maple	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3329	*Acer x freemanii*	Freeman's maple	26	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3330	*Acer x freemanii*	Freeman's maple	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3331	*Picea pungens*	Blue Spruce	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3332	*Picea pungens*	Blue Spruce	30	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3333	*Picea pungens*	Blue Spruce	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3334	*Pinus nigra*	Austrian Pine	40	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3335	*Quercus rubra*	Red Oak	36	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3336	*Quercus rubra*	Red Oak	22	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development incl. machinery access
3337	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3338	*Acer saccharinum*	Silver Maple	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3339	*Picea glauca*	White Spruce	42	3	0%	5.0	6%	7	Good		Millcroft Greens	Preserve with Injury - Proposed swale
3340	*Picea glauca*	White Spruce	24	2.4	0%	4.0	6%	5	Fair-Good	Thin	Millcroft Greens	Preserve with Injury - Proposed swale
3341	*Picea glauca*	White Spruce	22	2.4	0%	4.0	0%	5	Fair-Good	Leaning	Millcroft Greens	Preserve
3342	*Acer platanoides*	Norway Maple	38	3	0%	5.0	11%	12	Good		Millcroft Greens	Preserve with Injury - Proposed swale
3343	*Picea glauca*	White Spruce	20	2.4		4.0		7	Good		Millcroft Greens	Preserve
3344	*Fraxinus pennsylvanica*	Green Ash	28	2.4		4.0		6	Poor	Dying, EAB	Millcroft Greens	Remove - tree not a candidate for retention

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3345	*Picea glauca*	White Spruce	10, 12 (16)	2.4		4.0		3	Fair-Poor	Codominant branching and thin canopy	Millcroft Greens	Preserve
3346	*Picea glauca*	White Spruce	12	2.4		4.0		3	Fair	Thining	Millcroft Greens	Preserve
3347	*Acer platanoides*	Norway Maple	26	2.4		4.0		4	Good		Millcroft Greens	Preserve
3348	*Fraxinus pennsylvanica*	Green Ash	28	2.4		4.0		7	Poor	Dying, EAB	Millcroft Greens	Remove - tree not a candidate for retention
3349	*Acer saccharinum*	Silver Maple	14	2.4	100%	4.0	100%	2	Poor	heavily wounded	Millcroft Greens	Remove-Development
3350	*Acer saccharinum*	Silver Maple	32	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3755	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Development
3756	*Acer platanoides*	Norway Maple	34	2.4	0%	4.0	1%	10	Good		Millcroft Greens	Preserve with Injury - Proposed swale
3757	*Acer platanoides*	Norway Maple	34	2.4		4.0		10	Good		Millcroft Greens	Preserve
3758	*Picea glauca*	White Spruce	28	2.4		4.0		5	Good		Millcroft Greens	Preserve
3759	*Acer platanoides*	Norway Maple	30	2.4		4.0		7	Fair	Thining crown	Millcroft Greens	Preserve
3760	*Picea glauca*	White Spruce	22	2.4		4.0		4	Fair	Thining crown	Millcroft Greens	Preserve
3761	*Acer platanoides*	Norway Maple	28	2.4		4.0		7	Poor	Early leaf drop - dying	Millcroft Greens	Remove - tree not a candidate for retention
3762	*Picea glauca*	White Spruce	26	2.4		4.0		3	Fair-Good	Some dieback	Millcroft Greens	Preserve
3763	*Picea glauca*	White Spruce	30	2.4		4.0		6	Good		Millcroft Greens	Preserve
3764	*Acer platanoides*	Norway Maple	30	2.4		4.0		8	Poor	Thining canopy, no foliage	Millcroft Greens	Remove - tree not a candidate for retention
3765	*Picea glauca*	White Spruce	28	2.4		4.0		6	Fair-Good	Shaded	Millcroft Greens	Preserve
3766	*Acer saccharinum*	Silver Maple	52	3.6	100%	6.0	100%	18	Good		Millcroft Greens	Remove-Development
3767	*Pinus nigra*	Austrian Pine	34	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3768	*Pinus strobus*	White Pine	26	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3769	*Pinus strobus*	White Pine	26	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3770	*Acer saccharinum*	Silver Maple	34	2.4	100%	4.0	98%	6	Fair	Large crack	Millcroft Greens	Remove-Development
3771	*Acer platanoides*	Norway Maple	42	3	N/A	5.0	6%	20	Good		Millcroft Greens	Preserve with Injury - Proposed swale
3772	*Picea glauca*	White Spruce	24	2.4		4.0		5	Fair-Poor	Heavily shaded	Millcroft Greens	Remove - tree not a candidate for retention
3773	*Picea glauca*	White Spruce	24	2.4		4.0		4	Fair-Poor	Heavily shaded	Millcroft Greens	Remove - tree not a candidate for retention
3774	*Picea glauca*	White Spruce	30	2.4		5.0		7	Fair	Heavily shaded	Millcroft Greens	Preserve
3775	*Acer platanoides*	Norway Maple	42	3	N/A	4.0	12%	15	Good		Millcroft Greens	Preserve with Injury - proposed swale
3776	*Acer platanoides*	Norway Maple	26	2.4	0%	4.0	0%	3	Fair	Heavily shaded	Millcroft Greens	Preserve
3777	*Acer platanoides*	Norway Maple	20	2.4		4.0		5	Fair		Millcroft Greens	Preserve
3778	*Acer platanoides*	Norway Maple	20	2.4		4.0		3	Poor	Heavily shaded	Millcroft Greens	Remove - tree not a candidate for retention
3779	*Acer platanoides*	Norway Maple	50	3.6	0%	6.0	7%	18	Good		Millcroft Greens	Preserve with Injury - proposed swale
3780	*Acer saccharinum 'Laciniatum'*	Silver Maple	26	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development (basement excavation)
3781	*Acer x freemanii*	Freeman's Maple	38	2.4	100%	4.0	100%	18	Good		Millcroft Greens	Remove-Development
3782	*Picea glauca*	White Spruce	26	2.4		4.0		6	Fair	Heavily shaded	Millcroft Greens	Preserve
3783	*Acer platanoides*	Norway Maple	44	3	0%	5.0	7%	18	Good		Millcroft Greens	Preserve with Injury - proposed swale
3784	*Acer platanoides*	Norway Maple	40	2.4	0%	5.0	7%	18	Good		Millcroft Greens	Preserve with Injury - proposed swale
3785	*Acer platanoides*	Norway Maple	30	2.4	N/A	4.0	9%	18	Good		Millcroft Greens	Preserve with Injury - proposed swale

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3786	*Picea glauca*	White Spruce	30	2.4	N/A	4.0	1%	4	Fair	Heavily shaded	Millcroft Greens	Preserve with Injury - proposed swale
3787	*Pinus nigra*	Austrian Pine	34	2.4	N/A	4.0	11%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3788	*Pinus nigra*	Austrian Pine	34	2.4	N/A	4.0	5%	10	Good		Millcroft Greens	Preserve with Injury - proposed swale
3789	*Pinus nigra*	Austrian Pine	32	2.4	N/A	4.0	16%	10	Good		Millcroft Greens	Preserve with Injury - proposed swale
3790	*Acer platanoides*	Norway Maple	22	2.4	N/A	4.0	3%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
3791	*Picea glauca*	White Spruce	24	2.4	N/A	4.0	8%	5	Fair	Heavily shaded	Millcroft Greens	Preserve with Injury - proposed swale
3792	*Pinus nigra*	Austrian Pine	32	2.4	53%	4.0	51%	8	Good		Millcroft Greens	Remove-proposed swale
3793	*Pinus nigra*	Austrian Pine	28	2.4	53%	4.0	51%	7	Good		Millcroft Greens	Remove-proposed swale
3794	*Pinus nigra*	Austrian Pine	36	2.4	5%	4.0	20%	9	Good		Millcroft Greens	Preserve with Injury - proposed swale
3795	*Pinus nigra*	Austrian Pine	30	2.4	76%	4.0	66%	8	Fair	Canopy one sided	Millcroft Greens	Remove-proposed swale
3796	*Pinus nigra*	Austrian Pine	40	2.4	45%	4.0	56%	8	Good		Millcroft Greens	Remove-proposed swale
3797	*Pinus nigra*	Austrian Pine	34	2.4	N/A	4.0	2%	7	Good		Millcroft Greens	Preserve with Injury - proposed swale
3798	*Acer platanoides*	Norway Maple	16	2.4	82%	4.0	70%	5	Good		Millcroft Greens	Remove-Development
3799	*Acer platanoides*	Norway Maple	14	2.4	50%	4.0	50%	4	Fair	Shaded	Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3800	*Pinus nigra*	Austrian Pine	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3801	*Pinus nigra*	Austrian Pine	42	3	100%	5.0	100%	8	Good		Millcroft Greens	Remove-Development
3802	*Pinus nigra*	Austrian Pine	39	2.4	100%	4.0	100%	6	Fair	Dead branch	Millcroft Greens	Remove-Development
3803	*Picea abies*	Norway Spruce	50	3	100%	5.0	100%	8	Good		Millcroft Greens	Remove-Development
3804	*Picea abies*	Norway Spruce	24	2.4	100%	4.0	100%	3	Fair	Heavy lean	Millcroft Greens	Remove-Development
3805	*Acer platanoides*	Norway Maple	16	2.4	15%	4.0	40%	4	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3806	*Acer platanoides*	Norway Maple	16	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove - Proposed road
3807	*Acer platanoides*	Norway Maple	14	2.4	95%	4.0	70%	3	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3808	*Acer platanoides*	Norway Maple	15	2.4	50%	4.0	50%	4	Fair	Large wound in trunk	Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3809	*Acer platanoides*	Norway Maple	17	2.4	20%	4.0	25%	5	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3810	*Acer saccharum*	Sugar Maple	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3811	*Picea pungens*	Blue Spruce	20	2.4	100%	4.0	100%	4	Fair		Millcroft Greens	Remove-Development
3812	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3813	*Picea pungens*	Blue Spruce	26	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3814	*Acer platanoides*	Norway Maple	40	2.4	100%	4.0	100%	12	Good		Millcroft Greens	Remove-Development
3815	*Acer saccharinum*	Silver Maple	11	2.4	100%	4.0	94%	4	Good		Millcroft Greens	Remove-Development
3816	*Gleditsia triacanthos*	Honey Locust	41	2.4	40%	4.0	56%	10	Good		Millcroft Greens	Remove-proposed swale and catchbasin
3817	*Acer saccharinum*	Silver Maple	50	3	65%	4.0	79%	18	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3818	*Fraxinus pennsylvanica*	Green Ash	43	3		4.0		18	Fair-Poor	Top dying	Millcroft Greens	Remove - tree not a candidate for retention
3819	*Pinus nigra*	Austrian Pine	38	2.4	40%	4.0	50%	8	Good		Millcroft Greens	Remove-proposed swale
3820	*Acer saccharinum*	Silver Maple	47	3	100%	5.0	100%	15	Good		Millcroft Greens	Remove-Development
3821	*Pinus nigra*	Austrian Pine	43	3	95%	5.0	84%	8	Good		Millcroft Greens	Remove-Development

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3822	*Pinus strobus*	White Pine	30	2.4	100%	4.0	90%	7	Fair-Good		Millcroft Greens	Remove-Development
3823	*Acer saccharinum*	Silver Maple	60	3.6	12%	6.0	28%	18	Good		Millcroft Greens	Preserve with injury - proposed swale
3824	*Pinus strobus*	White Pine	29	2.4	100%	4.0	100%	7	Fair-Good		Millcroft Greens	Remove-Development
3825	*Acer saccharinum*	Silver Maple	50	3	100%	5.0	100%	18	Good		Millcroft Greens	Remove-Development
3826	*Acer saccharinum*	Silver Maple	24	2.4	97%	4.0	82%	5	Fair	Many dead branches	Millcroft Greens	Remove-proposed swale and development
3827	*Acer platanoides*	Norway Maple	34	2.4	10%	4.0	25%	11	Good		Millcroft Greens	Preserve with injury - proposed swale
3828	*Picea pungens*	Blue Spruce	32	2.4	86%	4.0	70%	9	Good		Millcroft Greens	Remove-proposed swale
3829	*Acer saccharinum*	Silver Maple	62	4.2	100%	4.0	97%	15	Good		Millcroft Greens	Remove-Development
3830	*Acer saccharinum*	Silver Maple	50	3	100%	5.0	94%	15	Good		Millcroft Greens	Remove-Development / Swale
3831	*Picea pungens*	Blue Spruce	27	2.4	100%	4.0	96%	7	Good		Millcroft Greens	Remove-proposed swale
3832	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	14	Good		Millcroft Greens	Remove-Development
3833	*Acer saccharinum*	Silver Maple	27	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3834	*Acer platanoides*	Norway Maple	30	2.4	100%	4.0	100%	18	Good		Millcroft Greens	Remove-Development
3835	*Acer saccharinum*	Silver Maple	54	3.6	100%	6.0	100%	30	Good		Millcroft Greens	Remove-Development
3836	*Prunus serotina*	Black Cherry	29	2.4	100%	4.0	100%	5	Fair-good		Millcroft Greens	Remove-Development
3837	*Acer saccharinum*	Silver Maple	47	3	100%	5.0	100%	16	Good		Millcroft Greens	Remove-Development
3838	*Tilia cordata*	Little Leaf Linden	32	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-proposed swale
3839	*Acer saccharinum*	Silver Maple	39	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
3840	*Acer saccharinum*	Silver Maple	43	3	100%	5.0	100%	20	Good		Millcroft Greens	Remove-Development
3841	*Picea glauca*	White Spruce	28	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
3842	*Acer saccharinum*	Silver Maple	30	2.4	100%	4.0	100%	25	Good		Millcroft Greens	Remove - Proposed development (grading asoc. with basement)
3843	*Tilia cordata*	Little Leaf Linden	24	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
3844	*Fraxinus pennsylvanica*	Green Ash	30	2.4	75%	4.0	65%	10	Poor	Dying, EAB	Millcroft Greens	Remove - tree not a candidate for retention
3845	*Acer saccharinum*	Silver Maple	56	3.6	100%	6.0	100%	18	Good		Millcroft Greens	Remove-Development
3846	*Tilia cordata*	Little Leaf Linden	28	2.4	62%	4.0	58%	8	Good		Millcroft Greens	Remove-proposed swale
3847	*Acer saccharinum*	Silver Maple	50	3	95%	5.0	79%	20	Good		Millcroft Greens	Remove-proposed swale
3848	*Fraxinus pennsylvanica*	Green Ash	28	2.4	100%	4.0	100%	10	Fair	Some dieback	Millcroft Greens	Remove - tree not a candidate for retention
3849	*Acer saccharinum*	Silver Maple	50	3	100%	5.0	100%	20	Good		Millcroft Greens	Remove-Development
3850	*Picea pungens*	Blue Spruce	28	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
A108	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Dead		Private	Preserve
A109	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A110	*Picea pungens*	Blue Spruce	20	2.4		4.0		4	Good		Private	Preserve
A111	*Picea pungens*	Blue Spruce	5	1.8		1.8		2	Dead	Shaded	Private	Preserve
A112	*Picea pungens*	Blue Spruce	17	2.4		4.0		4	Good		Private	Preserve
A113	*Acer negundo*	Manitoba Maple	10	1.8		1.8		4	Good	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A114	*Picea pungens*	Blue Spruce	17	2.4		4.0		4	Good		Private	Preserve
A115	*Acer ginnala*	Amur Maple	8, 9, 5, 5 ,4, 7 (16)	2.4		4.0		6	Good	Partially growing into top of fence	Private	Preserve
A116	*Picea pungens*	Blue Spruce	15	2.4		4.0		4	Fair/Poor	Severely shaded.	Private	Preserve
A117	*Picea pungens*	Blue Spruce	8	1.8		1.8		2	Fair/Poor	Shaded suppressed crown	Private	Preserve
A118	*Picea pungens*	Blue Spruce	8	1.8		1.8		2	Fair/Poor	Shaded suppressed crown	Private	Preserve
A119	*Picea pungens*	Blue Spruce	20	2.4		4.0		3	Good		Private	Preserve
A120	*Picea pungens*	Blue Spruce	5	1.8		1.8		2	Good/Fair		Private	Preserve
A121	*Picea pungens*	Blue Spruce	5	1.8		1.8		2	Fair	Bend in lower trunk	Private	Preserve
A122	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve

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A123	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
A124	*Malus sp.*	Apple	15	2.4		4.0		6	Good		Private	Preserve
A125	*Gleditsia triacanthos var. inermis*	Honey Locust	30	2.4		4.0		8	Good		Private	Preserve
A126	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8	14%	2	Fair	Growing through fence.	Shared: Private/Millcroft Greens	Preserve with Injury (despite species) - existing and proposed storm pipe excavation
A127	*Picea glauca*	White Spruce	15	2.4	0%	4.0	11%	4	Fair/Poor	Significant crown dieback due to shading.	Private	Preserve with Injury - existing and proposed storm pipe excavation
A128	*Picea glauca*	White Spruce	20	2.4	0%	4.0	17%	6	Good		Private	Preserve with Injury - existing and proposed storm pipe excavation
A129	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	Private	Preserve
A130	*Picea glauca*	White Spruce	15	2.4		4.0		2	Poor	Dying	Private	Preserve
A131	*Picea glauca*	White Spruce	15	2.4		4.0		2	Good	Slight lean to south	Private	Preserve
A132	*Acer x freemanii*	Freeman's Maple	60	3.6	0%	6.0	6%	10	Good		Private	Preserve with Injury - Proposed swale
A133	*Acer x freemanii*	Freeman's Maple	30	2.4		4.0		5	Good	Codominant leaders, included bark	Private	Preserve
A134	*Thuja occidentalis*	Eastern White Cedar	13	2.4		4.0		2	Good		Private	Preserve
A135	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		0.5	Good	Hedge	Private	Preserve
A136	*Magnolia stellata*	Magnolia	10, 8 (13)	2.4		4.0		3	Good		Private	Preserve
A137	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A138	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Good		Private	Preserve
A139	*Quercus robur*	English Oak	5	1.8		1.8		1	Good		Private	Preserve
A140	*Fagus sylvatica*	European Beech, Weeping	5	1.8		1.8		1	Poor		Private	Preserve
A141	*Gleditsia triacanthos var. inermis*	Honey Locust	35	2.4		4.0		10	Good		Private	Preserve
A142	*Acer platanoides*	Norway Maple	25	2.4		4.0		5	Good	Crimson King	Private	Preserve
A143	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
A144	*Gleditsia triacanthos var. inermis*	Honey Locust	25	2.4		4.0		8	Good		Private	Preserve
A145	*Acer platanoides*	Norway Maple	20	2.4		4.0		6	Good	Crimson King	Private	Preserve
A146	*Gleditsia triacanthos var. inermis*	Honey Locust	30	2.4		4.0		7	Good		Private	Preserve
A147	*Gleditsia triacanthos var. inermis*	Honey Locust	30	2.4		4.0		7	Good		Private	Preserve
A148	*Fagus sylvatica*	European Beech	20	2.4		4.0		6	Good		Private	Preserve
A149	*Picea pungens*	Blue Spruce	15	2.4		4.0		4	Good/Fair	Stem weeping sap due to insect damage	Private	Preserve
A150	*Salix euxina*	Crack Willow	15	2.4		4.0		4	Good	Recently planted	Private	Preserve
A151a	*Salix matsudana*	Corkscrew Willow	8	1.8		1.8		1	Good/Fair		Private	Preserve
A151b	*Salix matsudana*	Corkscrew Willow	8	1.8		1.8		1	Good/Fair		Private	Preserve
A152	*Picea pungens*	Blue Spruce	30	2.4		4.0		6	Good		Private	Preserve
A153	*Platanus × acerifolia*	London Plane Tree	30	2.4		4.0		6	Good		Private	Preserve
A154	*Thuja occidentalis*	Eastern White Cedar	4	1.8		1.8		1	Good/Fair		Private	Preserve
A155	*Thuja occidentalis*	Eastern White Cedar	5 to 10	1.8		1.8		1	Good	Growing and raised planter with retaining wall.	Private	Preserve
A156	*Thuja occidentalis*	Eastern White Cedar	5, 5, 10 (12)	2.4		4.0		1	Good		Private	Preserve
A157	*Thuja occidentalis*	Eastern White Cedar	5, 2 (5)	1.8		1.8		1	Good	Grouping of Three trees growing out of raised planter box retaining wall.	Private	Preserve

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A158	*Thuja occidentalis*	Eastern White Cedar	5, 2, 4 (7)	1.8		1.8		1	Good		Private	Preserve
A159	*Malus pumila*	Common Apple	5	1.8		1.8		2	Good	Recently planted.	Private	Preserve
A160	*Acer palmatum*	Japanese Maple	13	2.4		4.0		4	Good	Growing between two paved poolside patios, some branches growing through fence.	Private	Preserve
A161	*Acer palmatum*	Japanese Maple	15	2.4		4.0		4	Good		Private	Preserve
A162	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15	2.4		4.0		4	Good	Codominant leaders	Private	Preserve
A163	*Betula papyrifera*	Paper Birch	15	2.4		4.0		4	Good		Private	Preserve
A164	*Betula papyrifera*	Paper Birch	15, 10, 15 (23)	2.4		4.0		6	Good		Private	Preserve
A165	*Pinus sylvestris*	Scots Pine	35	2.4		4.0		6	Good	Uneven crown, codominant stems.	Private	Preserve
A166	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Fair	Uneven shaded crown.	Private	Preserve
A167	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Fair	Uneven shaded crown.	Private	Preserve
A168	*Gleditsia triacanthos var. inermis*	Honey Locust	35	2.4		4.0		8	Good	Recent patio installation	Private	Preserve
A169	*Prunus avium*	Sweet Cherry	4	1.8		1.8		2	Good		Private	Preserve
A170	*Prunus avium*	Sweet Cherry	4	1.8		1.8		2	Good		Private	Preserve
A171	*Gleditsia triacanthos var. inermis*	Honey Locust	35	2.4		4.0		8	Good		Private	Preserve
A172	*Acer platanoides*	Norway Maple	25	2.4		4.0		8	Good	Unbalanced crown due to shading.	Private	Preserve
A173	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	Private	Preserve
A174	*Acer ginnala*	Amur Maple	25, 10, 10 (29)	2.4		4.0		7	Good		Private	Preserve
A175	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Good	Growing in raised retaining wall planter bed	Private	Preserve
A176	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		5	Good	Raised planter	Private	Preserve
A177a	*Pinus strobus*	Eastern White Pine	20	2.4		4.0		5	Good	Raised planter	Private	Preserve
A177b	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		5	Good	Raised planter	Private	Preserve
A178	*Pinus strobus*	Eastern White Pine	20	2.4		4.0		5	Good		Private	Preserve
A179	*Juniperus sp.*	Juniper	5	1.8		1.8		1	Good		Private	Preserve
A180	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
A181	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
A182	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
A183	*Acer platanoides*	Norway Maple	25	2.4		4.0		6	Fair	Frost crack, crown die back 15%.	Private	Preserve
A184	*Morus alba*	White Mulberry	10	1.8		1.8		2	Good	Weeping, in raised planter	Private	Preserve
A185	*Picea pungens*	Blue Spruce	20	2.4		4.0		4	Good	Shaded on West side.	Private	Preserve
A186	*Morus alba*	White Mulberry	10	1.8		1.8		2	Good	Weeping	Private	Preserve
A187	*Picea glauca*	Dwarf Alberta Spruce	5	1.8		1.8		1	Good	Dwarf Alberta Spruce	Private	Preserve
A188	*Picea glauca*	Dwarf Alberta Spruce	5	1.8		1.8		1	Good		Private	Preserve
A189	*Picea pungens*	Blue Spruce	33	2.4		4.0		5	Good		Private	Preserve
A190	*Picea pungens*	Blue Spruce	30	2.4		4.0		6	Good		Private	Preserve
A191	*Picea glauca*	White Spruce	15	2.4		4.0		3	Good	Growing in raised planter.	Private	Preserve
A192	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Growing in raised planter box and adjacent to shed	Private	Preserve
A193	*Thuja occidentalis*	Eastern White Cedar	5 to 10	1.8		1.8		2	Good	Grouping of 3 trees, 5 -10 cm dbh each, shaded by maple on golf course property	Private	Preserve

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A194	*Picea pungens*	Blue Spruce	35	2.4		4.0		6	Good	Growing in raised planter adjacent to pool, some canopy shaded on s side.	Private	Preserve
A195	*Robinia pseudoacacia*	Black Locust	30	2.4		4.0		6	Good		Private	Preserve
A196	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good/Fair	Three trees in group	Private	Preserve
A197	*Fagus sylvatica*	European Beech	50	3.0		5.0		12	Good	Nice specimen, in raised planter adjacent to pool, root growing under wood planter.	Private	Preserve
A198	*Acer x freemanii*	Freeman's Maple	20, 20, 10, 25 (39)	2.4		4.0		8	Good	Growing through fence near landscaped pond	Shared: Private/Millcroft Greens	Preserve
A199	*Pinus strobus*	Eastern White Pine	15	2.4		4.0		4	Good		Private	Preserve
A200	*Pinus strobus*	Eastern White Pine	30	2.4		4.0		6	Good	Growing in raised planter near landscaped pond	Private	Preserve
A201	*Picea abies*	Norway Spruce	15	2.4		4.0		4	Good		Private	Preserve
A202	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15	2.4		4.0		5	Good		Private	Preserve
A203	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15	2.4		4.0		5	Good		Private	Preserve
A204	*Magnolia denudata*	Yulan Magnolia	15, 15, 10, 10 (26)	2.4		4.0		8	Good/Fair	Noteworthy specimen	Private	Preserve
A205	*Thuja occidentalis*	Eastern White Cedar	10	1.8		1.8		2	Good	3 trees in group	Private	Preserve
A206	*Thuja sp.*	Cedar sp.	10	1.8		1.8		3	Good	Nice specimen	Private	Preserve
A207	*Thuja occidentalis*	Eastern White Cedar	5 to 10	1.8		1.8		1	Good	Hedge	Private	Preserve
A208	*Pinus strobus*	Eastern White Pine	35	2.4		4.0		5	Good	In raised planter by pool	Private	Preserve
A209	*Tilia cordata*	Little-leaved Linden	40	2.4		4.0		7	Good	Growing in raised planter.	Private	Preserve
A210	*Acer negundo*	Manitoba Maple	10, 5, 15, 3 (19)	2.4		4.0		5	Good	Growing through fence	Shared: Private/Millcroft Greens	Preserve

Area C

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
601	*Acer platanoides*	Norway Maple	20	2.4	100%	4.0	75%	5	Fair	Trunk damaged	Millcroft Greens	Remove - Park Development Grading
602	*Acer platanoides*	Norway Maple	16	2.4	100%	4.0	75%	4	Fair	Trunk damaged	Millcroft Greens	Remove - Park Development Grading
603	*Acer platanoides*	Norway Maple	15	2.4	100%	4.0	100%	3	Good		Millcroft Greens	Remove-Proposed Road
604	*Acer platanoides*	Norway Maple	16	2.4	100%	4.0	100%	4	Fair	Trunk damaged	Millcroft Greens	Remove-Proposed Road
605	*Picea pungens*	Blue Spruce	15	2.4	100%	4.0	100%	3	Good		Millcroft Greens	Remove-Development
606	*Picea pungens*	Blue Spruce	16	2.4	100%	4.0	100%	2	Fair	Thinning	Millcroft Greens	Remove-Development
607	*Picea pungens*	Blue Spruce	21	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Proposed Road
608	*Picea glauca*	White Spruce	24	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove - Park Development Grading

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609	*Picea glauca*	White Spruce	30	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove - Park Development Grading
610	*Picea glauca*	White Spruce	36	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove - Park Development Grading
611	*Picea glauca*	White Spruce	34	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove - Park Development Grading
612	*Picea glauca*	White Spruce	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove - Park Development Grading
613	*Thuja occidentalis*	Eastern White Cedar	11, 11, 11 (19)	2.4	100%	4.0	100%	1	Good		Millcroft Greens	Remove - Park Development Grading
614	*Acer x freemanii*	Freeman's Maple	20, 22, 22, 26 (45)	3	29%	5.0	49%	6	Good		Millcroft Greens	Remove-Development
615	*Pinus strobus*	Eastern White Pine	27	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development (basement excavation)
616	*Pinus strobus*	Eastern White Pine	25	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
617	*Picea glauca*	White Spruce	20	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
618	*Acer x freemanii*	Freeman's Maple	52	3.6	78%	6.0	65%	10	Good		Millcroft Greens	Remove-Development (basement excavation)
619	*Pinus strobus*	Eastern White Pine	27	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
620	*Picea glauca*	White Spruce	19	2.4	90%	4.0	70%	3	Good		Millcroft Greens	Remove-Development
621	*Pinus strobus*	Eastern White Pine	29	2.4	95%	4.0	85%	6	Good		Millcroft Greens	Remove-Proposed Road
622	*Pinus sylvestris*	Scots Pine	21	2.4	100%	4.0	100%	4	Fair	Fungus present, damage at base, fair -poor	Millcroft Greens	Remove - Proposed Sidewalk
623	*Picea pungens*	Blue Spruce	22	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove - Proposed Sidewalk
624	*Picea glauca*	White Spruce	21	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Proposed Road
625	*Pinus strobus*	Eastern White Pine	32	2.4	100%	4.0	100%	7	Good		Millcroft Greens	Remove-Proposed Road
626	*Picea glauca*	White Spruce	18	2.4	100%	4.0	100%	3	Poor		Millcroft Greens	Remove-Proposed Road
627	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Proposed Road
628	*Pinus strobus*	Eastern White Pine	28	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Proposed Road
629	*Picea glauca*	White Spruce	29	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Proposed Road
630	*Picea glauca*	White Spruce	29	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Proposed Road
631	*Picea glauca*	White Spruce	22	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Proposed Road
632	*Pinus strobus*	Eastern White Pine	30	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Proposed Road
633	*Tilia cordata*	Little-leaf Linden	24	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Proposed Road

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634	*Acer x freemanii*	Freeman's Maple	43	3.0	28%	5.0	36%	8	Good		Millcroft Greens	Preserve with Injury - Proposed Sidewalk
635	*Acer x freemanii*	Freeman's Maple	36, 26 (44)	3.0	15%	5.0	40%	8	Good		Millcroft Greens	Preserve with Injury - light standard base and water line
636	*Acer x freemanii*	Freeman's Maple	29, 25 (38)	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
637	*Acer x freemanii*	Freeman's Maple	18, 12 (22)	2.4	100%	4.0	100%	4	Fair		Millcroft Greens	Remove-Development
638	*Picea glauca*	White Spruce	30	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove - Proposed Sidewalk
639	*Acer x freemanii*	Freeman's Maple	41	3	100%	5.0	100%	12	Good		Millcroft Greens	Remove-Proposed Trail
640	*Picea glauca*	White Spruce	17	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove-Proposed Trail
641	*Acer x freemanii*	Freeman's Maple	14	2.4	100%	4.0	100%	4	Poor	Chlorotic, trunk wounded	Millcroft Greens	Remove-Development
642	*Acer x freemanii*	Freeman's Maple	13, 13, 8 (20)	2.4	95%	4.0	80%	6	Good		Millcroft Greens	Remove-Development / Swale
643	*Pinus sylvestris*	Scots Pine	22	2.4	5%	4.0	13%	5	Fair	Thinning	Millcroft Greens	Preserve with Injury - Development Grading
644	*Picea pungens*	Blue Spruce	18	2.4	7%	4.0	35%	2	Fair	Trunk damage	Millcroft Greens	Preserve with Injury - Grading
645	*Picea pungens*	Blue Spruce	20	2.4		4.0		2	Fair		Millcroft Golf Club	Preserve
646	*Carya ovata*	Shagbark Hickory	20	2.4		4.0		4	Good		Millcroft Golf Club	Preserve
647	*Acer platanoides*	Norway Maple	16	2.4		4.0		5	Fair	Chlorotic, thinning	Millcroft Golf Club	Preserve
648	*Salix alba*	White Willow	12	2.4		4.0		4	Good	Weeping willow	Millcroft Golf Club	Preserve
649	*Salix alba*	White Willow	12	2.4		4.0		4	Good	Weeping	Millcroft Golf Club	Preserve
650	*Fraxinus pennsylvanica*	Green Ash	24	2.4		4.0		2	Poor	60% dieback	Millcroft Golf Club	Preserve
651	*Pinus sylvestris*	Scots Pine	23	2.4		4.0		4	Fair	Thinning	Millcroft Golf Club	Preserve
652	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Fair		Millcroft Golf Club	Preserve
653	*Picea pungens*	Blue Spruce	20	2.4		4.0		2	Poor	Very thin	Millcroft Golf Club	Preserve
654	*Picea pungens*	Blue Spruce	26	2.4		4.0		3	Fair	Poor form	Millcroft Golf Club	Preserve
655	*Picea glauca*	White Spruce	14	2.4		4.0		2	Fair	Heaving out of ground	Millcroft Golf Club	Preserve
656	*Picea pungens*	Blue Spruce	22	2.4		4.0		2	Good		Millcroft Golf Club	Preserve
657	*Picea pungens*	Blue Spruce	18	2.4		4.0		2	Fair		Millcroft Golf Club	Preserve
658	*Fraxinus pennsylvanica*	Green Ash	29	2.4		4.0		6	Poor	70% dead	Millcroft Golf Club	Preserve

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
659	*Picea glauca*	White Spruce	15	2.4		4.0		2	Good		Millcroft Golf Club	Preserve
660	*Picea glauca*	White Spruce	12	2.4		4.0		2	Good		Millcroft Golf Club	Preserve
661	*Picea glauca*	White Spruce	19	2.4		4.0		3	Good		Millcroft Golf Club	Preserve
662	*Picea glauca*	White Spruce	12	2.4		4.0		2	Good		Millcroft Golf Club	Preserve
663	*Pinus nigra*	Black Pine	38	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
664	*Picea pungens*	Blue Spruce	16	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
665	*Pinus nigra*	Black Pine	38	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
666	*Pinus nigra*	Black Pine	34	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
667	*Populus deltoides*	Cottonwood	12	2.4	28%	4.0	47%	2	Good		Millcroft Greens	Remove-Development Grading
668	*Pinus sylvestris*	Scots Pine	32	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
669	*Populus deltoides*	Cottonwood	15	2.4	26%	4.0	45%	2	Good		Millcroft Greens	Remove-Development Grading
670	*Acer platanoides*	Norway Maple	32	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
671	*Acer platanoides*	Norway Maple	29	2.4	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development Grading
672	*Acer platanoides*	Norway Maple	26	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
673	*Acer saccharum*	Sugar Maple	24	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove - Lot grading
674	*Acer saccharum*	Sugar Maple	30	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove - Lot grading
675	*Acer saccharum*	Sugar Maple	21	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove - Lot grading
C1	*Pinus nigra*	Austrian Pine	35	2.4		4.0		4	Good		Private	Preserve
C10	*Picea pungens*	Blue Spruce	30	2.4	0%	4.0	5%	3	Good		Private	Preserve with Injury - Proposed swale
C11	*Picea pungens*	Blue Spruce	30	2.4	0%	4.0	10%	3	Good		Private	Preserve with Injury - Proposed swale
C12	*Picea pungens*	Blue Spruce	30	2.4	0%	4.0	10%	3	Good		Private	Preserve with Injury - Proposed swale
C13	*Picea pungens*	Blue Spruce	30	2.4		4.0		3	Good		Private	Preserve
C14	*Picea pungens*	Blue Spruce	30	2.4		4.0		3	Good		Private	Preserve
C15	*Celtis occidentalis*	Common Hackberry	2	1.8		1.8		0.5	Good/Fair	Recently planted, some planting stress. Reduced crown	City of Burlington	Preserve
C16	*Ulmus americana*	White Elm	3	1.8		1.8		1	Good		City of Burlington	Preserve
C17	*Celtis occidentalis*	Common Hackberry	2	1.8		1.8		0.5	Good/Fair	Crown dieback 10% from planting stress	City of Burlington	Preserve

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
C18	*Ulmus americana*	White Elm	3	1.8	100%	100%	100%	0.5	Good		City of Burlington	Remove - proposed road
C19	*Celtis occidentalis*	Common Hackberry	2	1.8	100%	100%	100%	0.5	Good		City of Burlington	Remove - proposed road
C2	*Acer rubrum*	Red Maple	18	2.4		4.0		5	Good	Minor leaf chlorosis	Private	Preserve
C20	*Ulmus americana*	White Elm	3	1.8	100%	1.8	100%	0.5	Good/Fair	10% crown dieback from transplant stress	City of Burlington	Remove - proposed road
C21	*Picea pungens*	Blue Spruce	25	2.4		4.0		2	Good	Raised planting bed w/ retaining wall at property line	Private	Preserve
C22	*Picea pungens*	Blue Spruce	25	2.4		4.0		3	Good/Fair	lean to west 15 deg., Retaining wall at property line, unbalanced crown	Private	Preserve
C23	*Acer rubrum*	Red Maple	25	2.4		4.0		3	Good/Fair	Retaining wall at property line, minor root girdling, fungus on trunk and main branches	Private	Preserve
C24	*Thuja occidentalis*	Eastern White Cedar	5 to 10	1.8		1.8		1	Good	Hedge	Private	Preserve
C25	*Acer palmatum*	Japanese Maple	10	1.8				3	Good	Multi stem	Private	Preserve
C26	*Pyrus calleryana*	Bradford Pear	20	2.4		4.0		4	Good/Fair	15% crown dieback in lower canopy	Private	Preserve
C27	*Cercidiphyllum japonicum*	Katsura Tree	7, 15, 15, 12 (25)	2.4		4.0		4.5	Good/Fair	Included stems at base, some root crown lifting	Private	Preserve
C28	*Acer ginnala*	Amur Maple	5, 5, 10, 7, 7 (16)	2.4		4.0		5	Good/Fair	Included stems	Private	Preserve
C29	*Picea pungens*	Blue Spruce	15	2.4		4.0		3	Good		Private	Preserve
C3	*Acer x freemanii*	Freeman's Maple	6	1.8		1.8		2	Good/Fair	Lifted root crown, girdling roots, cracked bark	Private	Preserve
C30	*Thuja occidentalis*	Eastern White Cedar	6	1.8		1.8		1	Good	Hedge	Private	Preserve
C31	*Picea pungens*	Blue Spruce	20	2.4		4.0		3	Good		Private	Preserve
C32	*Picea pungens*	Blue Spruce	20	2.4		4.0		3	Good		Private	Preserve
C33	*Pyrus sp.*	Pear	5	1.8		1.8		1	Good		Private	Preserve
C34	*Picea pungens*	Blue Spruce	30	2.4		4.0		3	Good		Private	Preserve
C35	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge, retaining wall	Private	Preserve
C36	*Syringa reticulata*	Japanese Tree Lilac	5	1.8		1.8		2	Fair	Growing between fence and retaining wall, 60 % crown dieback	Private	Preserve
C37	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good	Hedge	Private	Preserve
C38	*Syringa reticulata*	Japanese Tree Lilac	5	1.8		1.8		1	Good		Private	Preserve
C39	*Juniperus cf. scopulorum 'Blue Spires'*	Rocky Mountain juniper	5	1.8		1.8		1	Good		Private	Preserve
C4	*Acer rubrum*	Red Maple	32	2.4		4.0		8	Good/Fair	Lifted root crown, girdling roots, minor leaf chlorosis	Private	Preserve
C40	*Thuja occidentalis*	Eastern White Cedar	5	1.8		1.8		1	Good		Private	Preserve
C41	*Pinus strobus*	Eastern White Pine	20	2.4		4.0		4	Good	Ln to south	Private	Preserve
C5	*Acer platanoides*	Norway Maple	15	2.4		4.0		4	Poor	Lifted root crown, lg wound on base of bole, girdling roots, 30% live crown	Private	Preserve
C6	*Acer saccharinum*	Silver Maple	90	5.4		9.0		12	Good/Fair	Multiple leaders, some growing into each other, one tk wound	Private	Preserve

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
C7	*Acer palmatum*	Japanese Maple	17	2.4		4.0		3	Good/Fair	Included stems, lg tk wound	Private	Preserve
C8	*Ginkgo biloba*	Maidenhair Tree	6	1.8		1.8		1	Good		Private	Preserve
C9	*Acer x freemanii*	Freeman's Maple	8	1.8		1.8		1	Good	Girdling roots	Private	Preserve

Area D

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
676	*Acer platanoides*	Norway Maple	22	2.4		4.0		6	Good	In ROW	City of Burlington	Preserve
677	*Acer platanoides*	Norway Maple	23	2.4		4.0		8	Good	In ROW	City of Burlington	Preserve
678	*Acer platanoides*	Norway Maple	21	2.4		4.0		6	Good	In ROW	City of Burlington	Preserve
679	*Acer platanoides*	Norway Maple	18	2.4		4.0		4	Good	In ROW	City of Burlington	Preserve
680	*Acer platanoides*	Norway Maple	18	2.4	100%	4.0	100%	4	Good	In ROW	City of Burlington	Remove-Proposed Road
681	*Ulmus americana*	White Elm	10	1.8		1.8		2	Good	In ROW	City of Burlington	Preserve
682	*Ulmus americana*	White Elm	10	1.8		1.8		2	Good	In ROW	City of Burlington	Preserve
683	*Ulmus americana*	White Elm	12	2.4		4.0		2	Good	In ROW	City of Burlington	Preserve
684	*Picea glauca*	White Spruce	22	2.4	0%	4.0	15%	3	Good		Millcroft Greens	Preserve with Injury - Proposed swale and catchbasin
685	*Picea glauca*	White Spruce	16, 10 (19)	2.4	0%	4.0	15%	4	Good		Millcroft Greens	Preserve with Injury - Proposed swale
686	*Picea glauca*	White Spruce	39	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
687	*Picea glauca*	White Spruce	28	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Development
688	*Picea pungens*	Blue Spruce	32	2.4	100%	4.0	100%	5	Good		Millcroft Greens	Remove-Development
689	*Pinus nigra*	Black Pine	52	3.6	100%	6.0	100%	8	Good		Millcroft Greens	Remove-Development
690	*Pinus nigra*	Black Pine	44	3	100%	4.0	100%	8	Good		Millcroft Greens	Remove-Development
691	*Pinus nigra*	Black Pine	35	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Proposed Road
692	*Pinus nigra*	Black Pine	35	2.4	100%	4.0	100%	10	Good		Millcroft Greens	Remove-Development
693	*Pinus nigra*	Black Pine	31	2.4	100%	4.0	100%	6	Good		Millcroft Greens	Remove-Development
694	*Picea abies*	Norway Spruce	20	2.4	25%	4.0	7%	4	Good		Millcroft Greens	Remove-Proposed Swale
695	*Picea abies*	Norway Spruce	24	2.4	100%	4.0	90%	6	Good		Millcroft Greens	Remove-Development Grading
696	*Tilia cordata*	Little-leaf Linden	20	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Proposed Road
697	*Picea glauca*	White Spruce	15	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove-Proposed Road
698	*Tilia cordata*	Little-leaf Linden	15	2.4	100%	4.0	100%	2	Good		Millcroft Greens	Remove-Proposed Road
699	*Picea glauca*	White Spruce	23	2.4	5%	4.0	35%	4	Good		Millcroft Greens	Preserve with Injury - Proposed Swale
700	*Picea abies*	Norway Spruce	27	2.4	22%	4.0	44%	6	Good		Millcroft Greens	Remove - Proposed Swale
701	*Tilia cordata*	Little-leaf Linden	22	2.4	100%	4.0	100%	4	Good		Millcroft Greens	Remove - Development (house)
702	*Picea glauca*	White Spruce	10	1.8	100%	1.8	100%	4	Good		Millcroft Greens	Remove - Development (house)
703	*Picea glauca*	White Spruce	14	2.4	100%	4.0	43%	3	Good		Millcroft Greens	Remove - Development
704	*Picea abies*	Norway Spruce	24	2.4	27%	4.0	47%	8	Good		Millcroft Greens	Remove - Proposed swale and basement excavation

TREE ID	SPECIES	COMMON NAME	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ INCURSION	CRZ Radius (m)	CRZ INCURSION	CROWN Diameter (m)	CONDITION	COMMENTS	OWNERSHIP	RECOMMENDATION
705	*Picea glauca*	White Spruce	10	1.8	25%	1.8	47%	4	Good		Millcroft Greens	Remove - Proposed swale
706	*Picea pungens*	Blue Spruce	26	2.4		4.0		3	Good		Millcroft Greens	Preserve
707	*Pinus nigra*	Black Pine	31	2.4		4.0		6	Good		Millcroft Greens	Preserve
708	*Picea glauca*	White Spruce	13	2.4		4.0		4	Good		Millcroft Greens	Preserve
709	*Acer platanoides*	Norway Maple	17	2.4		4.0		3	Good		Millcroft Greens	Preserve
710	*Picea glauca*	White Spruce	30	2.4		4.0		6	Fair	Thinning	Millcroft Greens	Preserve
D1	*Pyrus sp.*	Pear	15	2.4		4.0		2	Good/Fair	Rot at upper stem	Millcroft Golf Club	Preserve
D10	*Picea glauca*	White Spruce	20	2.4		4.0		4	Good	Between pool patios	Private	Preserve
D11	*Syringa reticulata*	Japanese Tree Lilac	10	1.8		1.8		2	Good/Fair		Private	Preserve
D12	*Acer platanoides*	Norway Maple	15, 15 (21)	2.4		4.0		5	Fair	Included bark, girdling roots	Private	Preserve
D13	*Fagus sylvatica*	European Beech	15	2.4		4.0		3	Good		Private	Preserve
D14	*Quercus rubra*	Red Oak	20	2.4		4.0		4	Good/Fair	50% crown dieback, spongy moth damage	Private	Preserve
D15	*Thuja occidentalis*	Eastern White Cedar	5 to 10	1.8		1.8		1	Good	Hedge	Private	Preserve
D16	*Fraxinus pennsylvanica*	Green Ash	5, 5, 5 (9)	1.8		1.8		3	Good	Growing through fence.	Shared: Private/Millcroft	Preserve
D17	*Acer x freemanii*	Freeman's Maple	30, 10, 20, 20 (42)	3.0		5.0		8	Fair	Open wounds at base of trunk, significant Frost cracks	Private	Preserve
D18	*Thuja occidentalis*	Eastern White Cedar	3 to 5	1.8		1.8		1	Good	Hedge	Private	Preserve
D19	*Acer x freemanii*	Freeman's Maple	45	3.0		5.0		8	Good/Fair	Codominant leaders	Private	Preserve
D2	*Pyrus sp.*	Pear	20	2.4		4.0		2	Good/Fair		Private	Preserve
D3	*Pyrus sp.*	Pear	15	2.4		4.0		2	Good/Fair		Private	Preserve
D4	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15, 5, 5 (17)	2.4		4.0		4	Good		Private	Preserve
D5	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15, 5 (16)	2.4		4.0		4	Good		Private	Preserve
D6	*Chamaecyparis nootkatensis*	Nootka Cypress, 'Weeping'	15, 10 (18)	2.4		4.0		4	Good		Private	Preserve
D7a	*Malus sp.*	Apple	10	1.8		1.8		3	Good		Private	Preserve
D7b	*Gleditsia triacanthos var. inermis*	Honey Locust	20	2.4		4.0		6	Good	Near patio around pool	Private	Preserve
D8	*Abies concolor*	Concolor Fir	35	2.4		4.0		6	Good		Private	Preserve
D9	Chamaecyparis nootkatensis	Nootka Cypress, 'Weeping'	15	2.4		4.0		3	Good		Private	Preserve

Area E

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
711	*Acer negundo*	Manitoba Maple	26	2.4	100.0%	4	100.0%	4	Fair	Many dead branches, epicormic shoots, growing within fence	Private	Remove-Development
712	*Quercus rubra*	Northern Red Oak	13	2.4	100.0%	4	100.0%	3	Fair	Thin canopy, chlorotic, trunk damaged at base	Private	Remove-Development

Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
713	*Picea pungens*	Blue Spruce	18	2.4	100.0%	4	100.0%	2	Good		Private	Remove-Development
714	*Picea pungens*	Blue Spruce	20	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
715	*Picea pungens*	Blue Spruce	18	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
716	*Picea pungens*	Blue Spruce	23	2.4	100.0%	4	100.0%	4	Good		Private	Remove-Development
717	*Picea pungens*	Blue Spruce	22	2.4	100.0%	4	100.0%	3	Good		Halton Region	Remove-Development
718	*Picea pungens*	Blue Spruce	16	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
719	*Fraxinus pennsylvanica*	Green Ash	21	2.4		4		4	Poor	70% dead	Private	Remove - tree not a candidate for retention
720	*Picea pungens*	Blue Spruce	14	2.4	100.0%	4	100.0%	2	Good		Private	Remove-Development
721	*Picea pungens*	Blue Spruce	16	2.4	100.0%	4	100.0%	2	Good		Private	Remove-Development
722	*Picea pungens*	Blue Spruce	15	2.4	100.0%	4	100.0%	2	Good		Private	Remove-Development
723	*Acer x freemanii*	Freeman's Maple	18	2.4	100.0%	4	100.0%	4	Good	Base damaged	Private	Remove-Development
724	*Picea pungens*	Blue Spruce	19	2.4	100.0%	4	100.0%	4	Good		Private	Remove-Development
725	*Picea pungens*	Blue Spruce	12	2.4	100.0%	4	100.0%	2	Good		Private	Remove-Development
726	*Quercus rubra*	Northern Red Oak	10	1.8	100.0%	4	100.0%	3	Good		Private	Remove-Development
727	*Picea pungens*	Blue Spruce	12	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
728	*Picea pungens*	Blue Spruce	13	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
729	*Picea pungens*	Blue Spruce	15	2.4	100.0%	4	100.0%	3	Good		Private	Remove-Development
730	*Picea pungens*	Blue Spruce	14	2.4	100.0%	4	100.0%	4	Good		Private	Remove-Development
731	*Fraxinus pennsylvanica*	Green Ash	14	2.4		4		4	Good		Private	Remove - tree not a candidate for retention

Appendix C

Hazard Monitoring – Select Trees for Special Consideration

Appendix C

Hazard Monitoring – Select Trees for Special Consideration

As noted in **Section 7**, all trees will be subject to annual hazard monitoring. The trees listed in the table below represent those proposed for injury (min. 20% MTPZ incursion) and those with noteworthy defects recorded during the assessment completed as part of this Report.

Area	Tree Id	Species	Common Name	DBH (calculated DBH for multi-stemmed trees in brackets) (cm)	MTPZ Radius (m)	MTPZ Incursion	CRZ Radius (m)	CRZ Incursion	CROWN Diameter (m)	Condition	Comments	Ownership	Recommendation
A	3403	*Picea pungens*	Blue spruce	34/30 (45)	3		5.0		10	Good	Included bark, dead branches	Millcroft Greens	Preserve
A	3404	*Picea pungens*	Blue spruce	28	2.4		4.0		6	Fair-Poor	Top dead	Millcroft Greens	Preserve
A	3467	*Picea glauca*	White Spruce	24	2.4		4.0		5	Fair	Thinning canopy	Millcroft Greens	Preserve
A	3469	*Picea glauca*	White Spruce	32	2.4		4.0		8	Fair	Thinning canopy	Millcroft Greens	Preserve
A	3477	*Picea abies*	Norway Spruce	26	2.4		4.0		6	Fair-Good	Dead branches-shaded	Millcroft Greens	Preserve
A	3857	*Acer platanoides*	Norway Maple	28	2.4	20%	4.0	30%	6	Good		Millcroft Greens	Preserve with Injury - proposed swale
A	3859	*Acer platanoides*	Norway Maple	36	2.4	24%	4.0	32%	8	Good		Millcroft Greens	Preserve with Injury - proposed swale
A	A10	*Fraxinus pennsylvanica*	Green Ash	15	2.4		4.0		4	Dead	Growing through fence	Shared: Private/Millcroft Greens	Preserve
A	A102	*Fraxinus pennsylvanica*	Green Ash	9	1.8		1.8		3	Poor	Growing through fence previous poor pruning multiple sprouts.	Shared: Private/Millcroft Greens	Preserve
A	A103	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8		3	Poor	Growing through fence, almost dead.	Shared: Private/Millcroft Greens	Preserve
A	A11	*Fraxinus pennsylvanica*	Green Ash	12	2.4		4.0		4	Poor	Nearly Dead growing through fence	Shared: Private/Millcroft	Preserve
A	A12	*Thuja occidentalis*	Eastern White Cedar	10 to 15	1.8		1.8		2	Fair	Hedge growing from planter box, crown die back 30%	Private	Preserve
A	A14	*Ulmus americana*	White Elm	10, 7 (12)	2.4		4.0		2.5	Good	Going through fence.	Shared: Private/Millcroft Greens	Preserve
A	A16	*Picea pungens*	Blue Spruce	25	2.4		4.0		5	Good/Fair	Competing with adjacent tree some crown die back due to shading.	Private	Preserve
A	A2	*Fraxinus pennsylvanica*	Green Ash	15, 15 (21)	2.4		4.0		6	Poor	Nearly dead	Private	Preserve
A	A20	*Pinus sylvestris*	Scots Pine	35	2.4		4.0		6	Good	Codominant stems at 2m	Private	Preserve
A	A23	*Picea pungens*	Blue Spruce	35	2.4		4.0		4	Good	Some storm damage to top of canopy.	Private	Preserve
A	A24	*Picea pungens*	Blue Spruce	30	2.4		4.0		3	Poor	Significant canopy die back. 50%. Poor pruning.	Private	Preserve
A	A28	*Acer platanoides*	Norway Maple	22	2.4		4.0		4	Good/Fair	Significant callus wound on 80% of trunk length.	City of Burlington	Preserve
A	A31	*Acer platanoides*	Norway Maple	13	2.4		4.0		4	Fair/Poor	Growing through fence.	Shared: Private/Millcroft Greens	Preserve

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A	A33	*Fraxinus americana*	White Ash	8	1.8		1.8		2	Good	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A	A35	*Fraxinus americana*	White Ash	6	1.8		1.8		2	Fair/Poor	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A	A39	*Picea glauca*	White Spruce	20	2.4		4.0		3	Good/Fair	Canopy shading from adjacent trees canopy shading from adjacent trees causing dieback.	Private	Preserve
A	A40	*Picea glauca*	White Spruce	15	2.4		4.0		2	Fair	20° lean to West east side of tree canopy shaded and dead.	Private	Preserve
A	A49	*Acer palmatum*	Japanese Maple	20	2.4		4.0		8	Good	Multiple codominant stems above 20 cm tk height	Private	Preserve
A	A59	*Acer platanoides*	Norway Maple	10	1.8		1.8		4	Fair	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
A	A6	*Thuja occidentalis*	Eastern White Cedar	5	1.8	15%	1.8	15%	2	Dead	Hedge, in raised planter box, drainage hole in planter box plugged with golf ball. All trees dead except for 1.	Private	Preserve with Injury - Grading assoc. with storm pipe
A	A60	*Acer rubrum*	Red Maple	25	2.4		4.0		6	Good/Fair	Girdled roots.	Private	Preserve
A	A63	*Acer platanoides*	Norway Maple	20	2.4		4.0		7	Good/Fair	Previously topped.	Private	Preserve
A	A7	*Acer platanoides*	Norway Maple	5	1.8		1.8		2	Fair	In raised planter box, sprouts from once cut tree left to grow, growing through fence	Private	Preserve
A	A70	*Acer negundo*	Manitoba Maple	20	2.4		4.0		5	Fair	Growing through fence, codominant stems with included bark.	Shared: Private/Millcroft Greens	Preserve
A	A71	*Acer negundo*	Manitoba Maple	15	2.4		4.0		5	Good/Fair	Some rot at base.	Private	Preserve
A	A8	*Malus pumila*	Common Apple	7	1.8		1.8		3	Good/Fair	Multiple low branches near base of tk, tk ln to south approx. 50 degrees.	Private	Preserve
A	A9	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8		2.5	Poor	Growing through fence	Shared: Private/Millcroft Greens	Preserve
A	A90	*Picea glauca*	White Spruce	15	2.4		4.0		5	Good	Lean towards South.	Private	Preserve
A	A98	*Picea glauca*	White Spruce	15	2.4		4.0		2	Poor	75% crown dieback	Private	Preserve
B	269	*Thuja occidentalis*	Eastern White Cedar	18	2.4		4.0	20%	1	Fair		Millcroft Greens	Preserve with injury - Proposed development grading
B	270	*Thuja occidentalis*	Eastern White Cedar	15	2.4		4.0	15%	1	Fair		Millcroft Greens	Preserve with injury - Proposed development grading
B	3302	*Pinus strobus*	Eastern White Pine	22	2.4		4.0		5	Fair	Top dying	Millcroft Greens	Preserve
B	3306	*Thuja occidentalis*	Eastern White Cedar	24	2.4	20%	4.0	20%	4	Good		Millcroft Greens	Preserve with Injury - Proposed grading asoc. with trail
B	3340	*Picea glauca*	White Spruce	24	2.4	0%	4.0	6%	5	Fair-Good	Thin	Millcroft Greens	Preserve with Injury - Proposed swale

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B	3341	*Picea glauca*	White Spruce	22	2.4	0%	4.0	0%	5	Fair-Good	Leaning	Millcroft Greens	Preserve
B	3345	*Picea glauca*	White Spruce	10/12 (16)	2.4		4.0		3	Fair-Poor	Codominant branching and thin canopy	Millcroft Greens	Preserve
B	3346	*Picea glauca*	White Spruce	12	2.4		4.0		3	Fair	Thining	Millcroft Greens	Preserve
B	3759	*Acer platanoides*	Norway Maple	30	2.4		4.0		7	Fair	Thining crown	Millcroft Greens	Preserve
B	3760	*Picea glauca*	White Spruce	22	2.4		4.0		4	Fair	Thining crown	Millcroft Greens	Preserve
B	3765	*Picea glauca*	White Spruce	28	2.4		4.0		6	Fair-Good	Shaded	Millcroft Greens	Preserve
B	3774	*Picea glauca*	White Spruce	30	2.4		5.0		7	Fair	Heavily shaded	Millcroft Greens	Preserve
B	3776	*Acer platanoides*	Norway Maple	26	2.4	0%	4.0	0%	3	Fair	Heavily shaded	Millcroft Greens	Preserve
B	3782	*Picea glauca*	White Spruce	26	2.4		4.0		6	Fair	Heavily shaded	Millcroft Greens	Preserve
B	3786	*Picea glauca*	White Spruce	30	2.4	N/A	4.0	1%	4	Fair	Heavily shaded	Millcroft Greens	Preserve with Injury - proposed swale
B	3791	*Picea glauca*	White Spruce	24	2.4	N/A	4.0	8%	5	Fair	Heavily shaded	Millcroft Greens	Preserve with Injury - proposed swale
B	A108	*Picea pungens*	Blue Spruce	10	1.8		1.8		2	Dead		Private	Preserve
B	A111	*Picea pungens*	Blue Spruce	5	1.8		1.8		2	Dead	Shaded	Private	Preserve
B	A113	*Acer negundo*	Manitoba Maple	10	1.8		1.8		4	Good	Growing through fence.	Shared: Private/Millcroft Greens	Preserve
B	A115	*Acer ginnala*	Amur Maple	8, 9, 5, 5 ,4, 7 (16)	2.4		4.0		6	Good	Partially growing into top of fence	Private	Preserve
B	A116	*Picea pungens*	Blue Spruce	15	2.4		4.0		4	Fair/Poor	Severely shaded.	Private	Preserve
B	A117	*Picea pungens*	Blue Spruce	8	1.8		1.8		2	Fair/Poor	Shaded suppressed crown	Private	Preserve
B	A118	*Picea pungens*	Blue Spruce	8	1.8		1.8		2	Fair/Poor	Shaded suppressed crown	Private	Preserve
B	A121	*Picea pungens*	Blue Spruce	5	1.8		1.8		2	Fair	Bend in lower trunk	Private	Preserve
B	A126	*Fraxinus pennsylvanica*	Green Ash	10	1.8		1.8	14%	2	Fair	Growing through fence.	Shared: Private/Millcroft Greens	Preserve with Injury (despite species) - existing and proposed storm pipe excavation
B	A127	*Picea glauca*	White Spruce	15	2.4	0%	4.0	11%	4	Fair/Poor	Significant crown dieback due to shading.	Private	Preserve with Injury - existing and proposed storm pipe excavation
B	A130	*Picea glauca*	White Spruce	15	2.4		4.0		2	Poor	Dying	Private	Preserve
B	A133	*Acer x freemanii*	Freeman's Maple	30	2.4		4.0		5	Good	Codominant leaders, included bark	Private	Preserve
B	A140	*Fagus sylvatica*	European Beech, Weeping	5	1.8		1.8		1	Poor		Private	Preserve
B	A160	*Acer palmatum*	Japanese Maple	13	2.4		4.0		4	Good	Growing between two paved poolside patios, some branches growing through fence.	Private	Preserve
B	A166	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Fair	Uneven shaded crown.	Private	Preserve
B	A167	*Pinus sylvestris*	Scots Pine	25	2.4		4.0		4	Fair	Uneven shaded crown.	Private	Preserve
B	A183	*Acer platanoides*	Norway Maple	25	2.4		4.0		6	Fair	Frost crack, crown die back 15%.	Private	Preserve
B	A198	*Acer x freemanii*	Freeman's Maple	20, 20, 10, 25 (39)	2.4		4.0		8	Good	Growing through fence near landscaped pond	Shared: Private/Millcroft Greens	Preserve
B	A210	*Acer negundo*	Manitoba Maple	10, 5, 15, 3 (19)	2.4		4.0		5	Good	Growing through fence	Shared: Private/Millcroft Greens	Preserve

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C	634	*Acer x freemanii*	Freeman's Maple	43	3	28%	5.0	36%	8	Good		Millcroft Greens	Preserve with Injury - Proposed Sidewalk
C	635	*Acer x freemanii*	Freeman's Maple	44	3	15%	5.0	40%	8	Good		Millcroft Greens	Preserve with Injury - light standard base and water line
C	644	*Picea pungens*	Blue Spruce	18	2.4	7%	4.0	35%	2	Fair	Trunk damage	Millcroft Greens	Preserve with Injury - Grading
C	C23	*Acer rubrum*	Red Maple	25	2.4		4.0		3	Good/Fair	Retaining wall at property line, minor root girdling, fungus on trunk and main branches	Private	Preserve
C	C3	*Acer x freemanii*	Freeman's Maple	6	1.8		1.8		2	Good/Fair	Lifted root crown, girdling roots, cracked bark	Private	Preserve
C	C36	*Syringa reticulata*	Japanese Tree Lilac	5	1.8		1.8		2	Fair	Growing between fence and retaining wall, 60 % crown dieback	Private	Preserve
C	C4	*Acer rubrum*	Red Maple	32	2.4		4.0		8	Good/Fair	Lifted root crown, girdling roots, minor leaf chlorosis	Private	Preserve
C	C5	*Acer platanoides*	Norway Maple	15	2.4		4.0		4	Poor	Lifted root crown, lg wound on base of bole, girdling roots, 30% live crown	Private	Preserve
C	C6	*Acer saccharinum*	Silver Maple	90	5.4		9.0		12	Good/Fair	Multiple leaders, some growing into each other, one tk wound	Private	Preserve
C	C7	*Acer palmatum*	Japanese Maple	17	2.4		4.0		3	Good/Fair	Included stems, lg tk wound	Private	Preserve
D	699	*Picea glauca*	White Spruce	23	2.4	5%	4.0	35%	4	Good		Millcroft Greens	Preserve with Injury - Proposed Swale
D	710	*Picea glauca*	White Spruce	30	2.4		4.0		6	Fair	Thinning	Millcroft Greens	Preserve
D	D12	*Acer platanoides*	Norway Maple	15, 15 (21)	2.4		4.0		5	Fair	Included bark, girdling roots	Private	Preserve