



GUIDING SOLUTIONS IN THE  
NATURAL ENVIRONMENT

# Arborist Report Shining Hill Phase 3 Town of Aurora

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*Prepared For:*

**Shining Hill Estate Collection Inc.**

*Prepared By:*

**Beacon Environmental Limited**

*Date:*      *Project:*

**March 2021      220166**

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# 1. Introduction

Beacon Environmental Limited (Beacon) has been retained by Shining Hill Estate Collection Inc. to undertake an Arborist Report and Tree Inventory and Preservation Plan (TIPP) in support of future residential development of portions of the properties located at 162 and 306 St. John's Sideroad (i.e., eastern portion of Lot 86, Concession 1, west of Yonge Street), within the Town of Aurora, Regional Municipality of York (**Figure 1**), herein referred to as the subject property.

As part of the development application, the Town of Aurora and the Regional Municipality of York require the completion of an Arborist Report and TIPP in adherence with policies set forth in the Town of Aurora's Tree Protection/Preservation Policy (2015), Tree Removal/Pruning and Compensation Policy (2015) and Tree Planting and Approved Plant List Policy (2015), and York Region's Street Tree and Forest Preservation Guidelines (2016) due to the presence of trees located along St. John's Sideroad (i.e., within the regional road allowance [RRA]), immediately adjacent to and south of the subject property.

The purpose of this report is to provide an inventory and description of the trees on or adjacent to the subject property, to identify those trees that are recommended for removal to accommodate the proposed development, and to provide recommendations for tree preservation measures and appropriate mitigation. This report was prepared using the Town of Aurora's policies, and accepted arboricultural techniques, guidelines and standards for tree protection and reporting (Lilly 2001).

# 2. Methodology



Tree inventory data were collected between November 2020 and February 2021 by a Beacon arborist certified by the International Society of Arboriculture (ISA). The inventory includes trees measuring at least 5 cm DBH within the subject property, and trees of any size within the RRA. Tree diameters were measured at breast height, approximately 1.4 m from the ground surface. The diameter for multi-stemmed trees that split below 1.4 m was determined by taking the square root of the sum of squares of each stem's DBH. Tree condition was assessed based on the presence and severity of visible flaws, damage, evidence of pests or diseases, structural condition, dead or dying branches, or other indicators of decline.

Individual trees measuring at least 5 cm DBH were tagged with numbered aluminum tags using a staple gun. In instances where trees occurred in naturalized clumps, hedgerows or groups, trees measuring at least 20 cm DBH were individually tagged, and trees less than 20 cm DBH were tallied by species and size class (i.e., 5 cm to 10 cm, and 11 cm to 20 cm DBH).

The location of each of the trees and tree group polygons were recorded using a survey-grade Arrow 100 GNSS Receiver and incorporated into Geographical Information Systems (GIS) and AutoCAD platforms.

The limitations of the tree assessment are detailed in **Appendix A**.



<b>Site Location</b>		<b>Figure 1</b>
Shining Hill Estate Collection Inc.		
		Project: 220166 Last Revised: February, 2021
Client: Shining Hill Estate Collection Inc.		Prepared by: BD Checked by: CS
	1:80,000	Inset Map: 1:80,000
Contains information licensed under the Open Government License— Ontario Orthoimagery Baselayer: 2019 (FBS)		

### 3. Results

A total of 1,046 trees composed of 984 trees measuring at least 5 cm DBH located on the subject property and adjacent private properties, and 62 trees of all sizes within the RRA were individually tagged and assessed. In addition, a total of 1,034 trees between 5 cm and 20 cm DBH distributed among 15 tree groups (i.e., Tree Groups A to O), were tallied by species and size class. As such, a total of 2,080 trees were recorded on and immediately adjacent to the subject property. The locations of the individually tagged trees and tree groups are shown in the TIPP (**Drawings TP-1 to TP-7**), and are summarized in the tree inventory table in **Appendix B**.

The 984 individually tagged trees located on both the subject property and adjacent private properties are listed by species in decreasing order of abundance in **Table 1** below.

**Table 1. Individually Tagged Tree Species and Quantities**

Scientific Name	Common Name	Quantity
<i>Pinus strobus</i>	White Pine	143
<i>Picea glauca</i>	White Spruce	115
<i>Pinus sylvestris</i>	Scots Pine	76
<i>Picea abies</i>	Norway Spruce	61
<i>Acer saccharum</i>	Sugar Maple	55
<i>Populus tremuloides</i>	Trembling Aspen	54
<i>Malus spp.</i>	Apple/Crabapple	53
<i>Fraxinus americana</i>	White Ash	42
<i>Tilia cordata</i>	Littleleaf Linden	36
<i>Gleditsia triacanthos var. inermis</i>	Thornless Honey Locust	36
<i>Pinus nigra</i>	Austrian Pine	31
<i>Juglans nigra</i>	Black Walnut	31
<i>Picea pungens</i>	Colorado Blue Spruce	31
<i>Acer negundo</i>	Manitoba Maple	29
<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	26
<i>Ulmus americana</i>	American Elm	20
<i>Acer platanoides</i>	Norway Maple	20
<i>Fraxinus pennsylvanica</i>	Green Ash	18
<i>Quercus rubra</i>	Red Oak	15
<i>Acer saccharinum</i>	Silver Maple	15
<i>Tilia americana</i>	Basswood	14
<i>Quercus macrocarpa</i>	Bur Oak	11
<i>Larix decidua</i>	European Larch	10
<i>Thuja occidentalis</i>	Eastern White Cedar	7
<i>Prunus serotina</i>	Black Cherry	5
<i>Ostrya virginiana</i>	Ironwood	5
<i>Robinia pseudoacacia</i>	Black Locust	3
<i>Salix fragilis</i>	Crack Willow	3
<i>Fagus grandifolia</i>	American Beech	2
<i>Populus deltoides</i>	Eastern Cottonwood	2

Scientific Name	Common Name	Quantity
<i>Fraxinus excelsior</i>	European Ash	2
<i>Betula pendula</i>	European Birch	2
<i>Quercus robur</i> 'Fastigiata'	Pyramidal English Oak	2
<i>Juniperus virginiana</i>	Red Cedar	2
<i>Betula papyrifera</i>	White Birch	2
<i>Juglans regia</i>	English Walnut	1
<i>Sorbus aucuparia</i>	European Mountain-ash	1
<i>Acer x freemanii</i>	Freeman's Maple	1
Unknown	Unknown	1
<i>Morus alba</i>	White Mulberry	1
<b>Total</b>		<b>984</b>

As per the results presented in **Table 1**, a little less than half (~ 47%) of the individually tagged trees consist of coniferous species including White Pine (*Pinus strobus*), White Spruce (*Picea glauca*), Scots Pine (*P. sylvestris*), Norway Spruce (*P. abies*), Austrian Pine (*P. nigra*), Colorado Blue Spruce (*P. pungens*), Red Cedar (*Juniperus virginiana*), and Eastern White Cedar (*Thuja occidentalis*). White Pine, White Spruce, Scots Pine, and Norway Spruce account for the majority (~85%) of coniferous trees.

The remaining 53% of individually tagged trees are composed of deciduous trees species, with approximately two-thirds (~65%) of the deciduous trees consisting of Sugar Maple (*Acer saccharum*), Trembling Aspen (*Populus tremuloides*), Apple/Crabapple (*Malus* spp.), Manitoba Maple (*A. negundo*), White Ash (*Fraxinus americana*), Littleleaf Linden (*Tilia cordata*), Thornless Honey Locust (*Gleditsia triacanthos* var. *inermis*), and Black Walnut (*Juglans nigra*).

The majority of ash trees recorded on the subject property were observed to be dead or dying as a result of infestation from the Emerald Ash Borer (*Agrilus planipennis*).

A single 35 cm DBH Butternut (*Juglans cinerea*) was encountered within a hedgerow located north of the building within the northwest section of the subject property as shown on the TIPP (**Drawings TP-1 to TP-7**). The tree was flagged with marking tape (rather than tagged), and was assessed as a Category 2 (i.e., retainable) by a qualified Beacon Butternut Health Assessor. Details with respect to the status of the Butternut are addressed in the Natural Heritage Evaluation prepared by Beacon (2021).

The 1,034 trees between 5 cm and 20 cm DBH distributed among Tree Groups A to O (i.e., located within naturalized tree clumps and hedgerows), tallied by tree species and size class, are presented in **Table 2** below.

**Table 2. Trees 5 to 20 cm DBH Within Tree Groups A to O**

Scientific Name	Common Name	Size Class (DBH in cm)		Total
		5 - 10	11 - 20	
<i>Pinus sylvestris</i>	Scots Pine	59	143	202
<i>Picea glauca</i>	White Spruce	1	170	171
<i>Ulmus americana</i>	American Elm	96	61	157
<i>Fraxinus americana</i>	White Ash	102	42	144
<i>Salix fragilis</i>	Crack Willow	72	12	84
<i>Ulmus sp.</i>	Elm Cultivar	0	67	67
<i>Populus tremuloides</i>	Trembling Aspen	36	7	43
<i>Thuja occidentalis</i>	Eastern White Cedar	16	23	39
<i>Juglans nigra</i>	Black Walnut	32	6	38
<i>Acer negundo</i>	Manitoba Maple	21	3	24
<i>Fagus sp.</i>	Beech Cultivar	0	12	12
<i>Pinus strobus</i>	White Pine	2	7	9
<i>Robinia pseudoacacia</i>	Black Locust	8	0	8
<i>Quercus macrocarpa</i>	Bur Oak	4	3	7
<i>Fraxinus pennsylvanica</i>	Green Ash	5	2	7
<i>Quercus rubra</i>	Red Oak	1	4	5
<i>Acer saccharum</i>	Sugar Maple	2	1	3
<i>Betula papyrifera</i>	White Birch	3	0	3
<i>Morus alba</i>	White Mulberry	0	2	2
<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	1	1	2
<i>Acer saccharinum</i>	Silver Maple	0	1	1
<i>Juniperus virginiana</i>	Red Cedar	0	1	1
<i>Larix decidua</i>	European Larch	0	1	1
<i>Sorbus aucuparia</i>	European Mountain-ash	0	1	1
<i>Tilia americana</i>	Basswood	1	0	1
<i>Malus sp.</i>	Apple	0	1	1
<i>Picea pungens</i>	Colorado Blue Spruce	0	1	1
<b>Total</b>		<b>462</b>	<b>572</b>	<b>1034</b>

As per the results presented in **Table 2**, a little less than two-thirds (~65%) of the trees tallied between 5 cm and 20 cm DBH are composed of Scots Pine, White Spruce, American Elm (*Ulmus americana*), White Ash with Scots Pine accounting for approximately 20% of the total number of trees. Approximately 45% of the trees are within the 5 cm to 10 cm DBH size class, and 55% are within the 11 cm to 20 cm DBH size class.

There are 62 trees of any size recorded within the RRA. The RRA trees located south of and immediately adjacent to the subject property (i.e., along St. John's Sideroad) are listed by species in decreasing order of abundance in **Table 3** below.



**Table 3. RRA Tree Species and Quantities**

Scientific Name	Common Name	Quantity
<i>Robinia pseudoacacia</i>	Black Locust	27
<i>Acer platanoides</i>	Norway Maple	13
<i>Pinus sylvestris</i>	Scots Pine	5
<i>Acer saccharum</i>	Sugar Maple	4
<i>Aesculus glabra</i>	Ohio Buckeye	3
<i>Acer saccharinum</i>	Silver Maple	3
<i>Juglans nigra</i>	Black Walnut	3
<i>Populus x canadensis</i>	Carolina Poplar	2
<i>Fraxinus pennsylvanica</i>	Green Ash	1
<i>Ulmus sp.</i>	Elm Cultivar	1
<b>Total</b>		<b>62</b>

As per the results presented in **Table 3**, trees within the RRA consist primarily of Black Locust (*Robinia pseudoacacia*) and Norway Maple (*A. platanoides*), which account for slightly less than two-thirds (~65%) of the total number of trees. The remaining trees consist of several to single individuals of Scots Pine, Sugar Maple, Ohio Buckeye (*Aesculus glabra*), Silver Maple, Black Walnut, Carolina Poplar (*P. x canadensis*), Green Ash (*F. pennsylvanica*), and Elm cultivar. A photographic reference of trees located within the RRA is provided in **Appendix C**.

## 4. Proposed Development, Tree Preservation and Removal

The proposed development is for a draft plan of subdivision consisting of 88 residential lots, a mid/high rise block, a neighbourhood park, servicing block, and school block (i.e., the future location of St. Anne’s School) located on the subject property. The residential lots, and blocks listed above will be accessed by proposed access routes that branch from St. John’s Sideroad, located approximately within the footprint of the existing entrance to the subject property. Areas within the school block located within the northwest section of the subject property will remain undisturbed.

A total of 1,492 trees are proposed for removal consisting of 407 individually tagged trees and 914 tallied trees that range from 5 cm to 20 cm DBH within 12 tree groups, that primarily range from fair to good condition that are proposed for removal to accommodate the development, and 171 trees that are recommended for removal due to their condition (i.e., potential risk, declining, death imminent, or dead). A total of 588 trees composed of 468 individually tagged trees, and 120 tallied trees (i.e., ranging from 5 cm to 20 cm DBH) within three tree groups are recommended for preservation.

The tree inventory, tree preservation, and tree removal recommendations will be updated during the final design stage when additional pertinent studies including but not limited to grading plans, functional servicing reports, and stormwater management reports are finalized.

Detailed tree preservation and removal recommendations are provided below and shown along with the proposed development on the TIPP (**Drawings TP-1 to TP-7**).

## 4.1 Trees Proposed for Removal Due to Development

Trees located within the area that will be affected by the footprint of the proposed development are proposed for removal. On this basis, 1,321 trees including 407 individually tagged trees composed of 374 trees located on and immediately adjacent to the subject property (i.e., private properties within the Town of Aurora), 33 individually tagged trees within the RRA, and 914 tallied trees within 12 tree groups (Tree Groups A to H, and L to O) that are at least 5 cm DBH and that range from fair to good condition, are proposed for removal.

The 374 private trees proposed for removal include: Tree Nos. 1, 3 to 30, 32 to 36, 38 to 70, 72, 74 to 76, 78 to 98, 100, 101, 103, 106, 107, 109, 111 to 117, 119, 124, 125, 128, 131 to 147, 150, 151, 154, 155, 157, 159 to 163, 165, 169 to 173, 176 to 180, 184 to 187, 193, 198, 203, 204, 206 to 208, 213 to 217, 224 to 252, 257 to 272, 275 to 277, 279 to 284, 286 to 288, 290 to 292, 294, 295, 298 to 300, 302, 304 to 307, 309, 311 to 328, 330 to 343, 345 to 360, 362 to 365, 367 to 369, 371 to 380, 383, 384, 388 to 395, 397, 399 to 401, 403, 406, 409 to 412, 414 to 419, 437 to 443, 448, 449, 456, 459, 599, 967, 990 to 1017, 1020 to 1024, 1027, 1035, 1036, 1058, 1075, and NT1. The 374 trees proposed for removal are composed primarily of White Spruce, Scots Pine, White Pine, and Norway Spruce.

The 33 trees located within the RRA include: Tree Nos. 1053 to 1057, 1059 to 1074, 1076 to 1086, and 1093, and are composed primarily of Norway Maple and Black Locust.

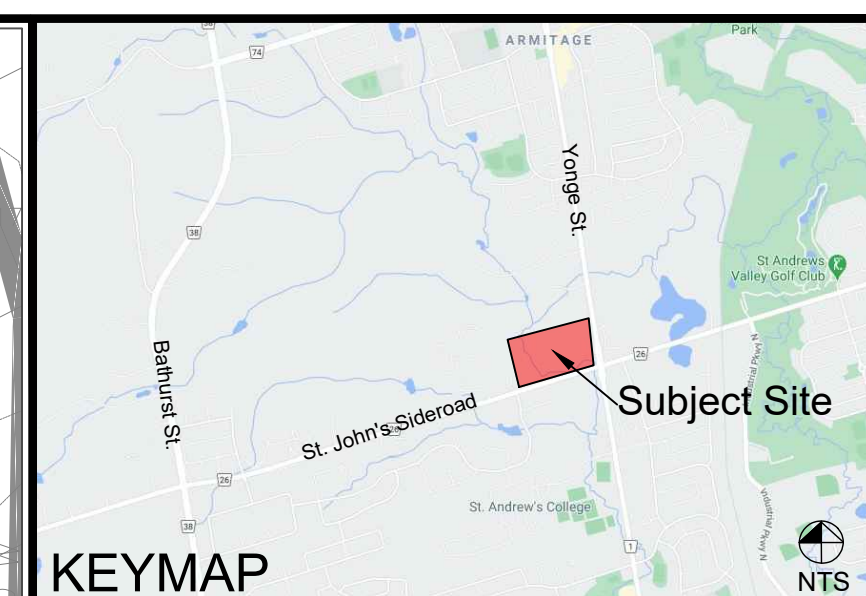
The 914 tallied trees distributed between Tree Groups A to H, and L to O are composed primarily of Scots Pine, White Spruce, American Elm, and White Ash.

## 4.2 Trees Recommended for Removal due to Condition

There are 171 trees observed to be dead, in poor condition or in a state of decline that are a potential risk to workers, buildings or vehicles, either during or post-development, and which are recommended for removal. These trees are identified on the TIPP (**Drawings TP-1 to TP-7**) as to be removed due to condition.

Of the 171 trees, 119 trees (Tree Nos. 99, 102, 105, 108, 110, 118, 120, 123, 126, 129, 130, 148, 149, 152, 153, 158, 164, 167, 168, 174, 175, 181, 182, 188 to 192, 195 to 197, 200, 209 to 211, 222, 256, 276, 278, 293, 296, 301, 303, 310, 329, 370, 381, 382, 385, 387, 396, 402, 404, 405, 407, 408, 413, 425, 429, 431 to 434, 436, 492, 498, 505, 508, 509, 510, 527, 566, 579, 586, 587, 591 to 598, 600 to 603, 605 to 607, 609, 610, 614, 617 to 619, 624, 638, 655, 688, 809, 812, 816, 818, 823, 839, 845, 876, 903, 913, 958, 972, 977, 983, 988, 1025, 1029, and 1052) are dead and composed primarily of White Ash, that are dead as a result of infestation from Emerald Ash Borer, Austrian Pine, White Pine, Crabapple, and American Elm. Tree No. 1052 is a dead 20 cm DBH Black Locust located within the RRA.

The remaining 54 trees (Tree Nos. 31, 37, 71, 77, 121, 122, 127, 156, 166, 183, 194, 199, 201, 202, 205, 212, 253 to 255, 274, 285, 289, 308, 344, 361, 366, 398, 428, 430, 435, 530, 604, 615, 616, 648 to 651, 689, 808, 814, 824, 829, 849, 892, 902, 919, 924, 942, 968, 981, 982, and 989) are either almost dead, in a state of decline, or posing a potential risk, and are composed of White Ash, White Spruce, American Elm, Crabapple, White Pine, Austrian Pine, Green Ash, Trembling Aspen, Black Walnut, and American Beech (*Fagus grandifolia*).

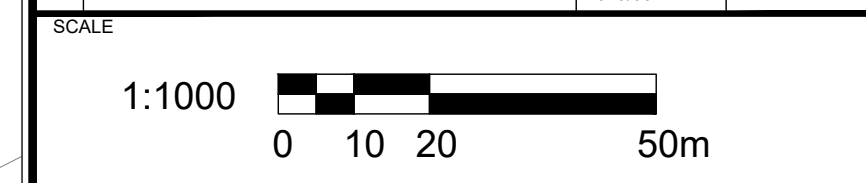


**LEGEND**

- 1678 Tree Tag
- Tree Location
- Tree Crown
- Minimum Tree Protection Zone
- Tree to be Preserved
- Tree to be Removed Due to Development
- Tree to be Removed Due to Condition
- Tree Group to be Preserved
- Tree Group to be Removed
- Tree Protection Fencing (Refer to Sheets TP-6 and TP-7)

Notes: Scale shown is for an 36" x 24" page. For illustrative purposes. Do not scale.

№	REVISIONS	DATE	BY:
6			
5			
4			
3			
2	Proposed site and grading plan revised	2019/03/15	ST
1	Issued	2019/03	ST



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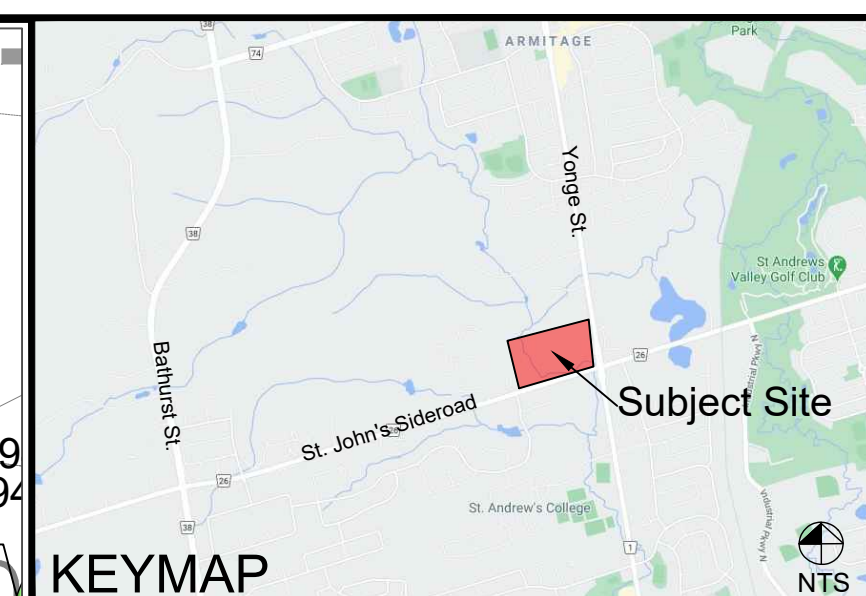
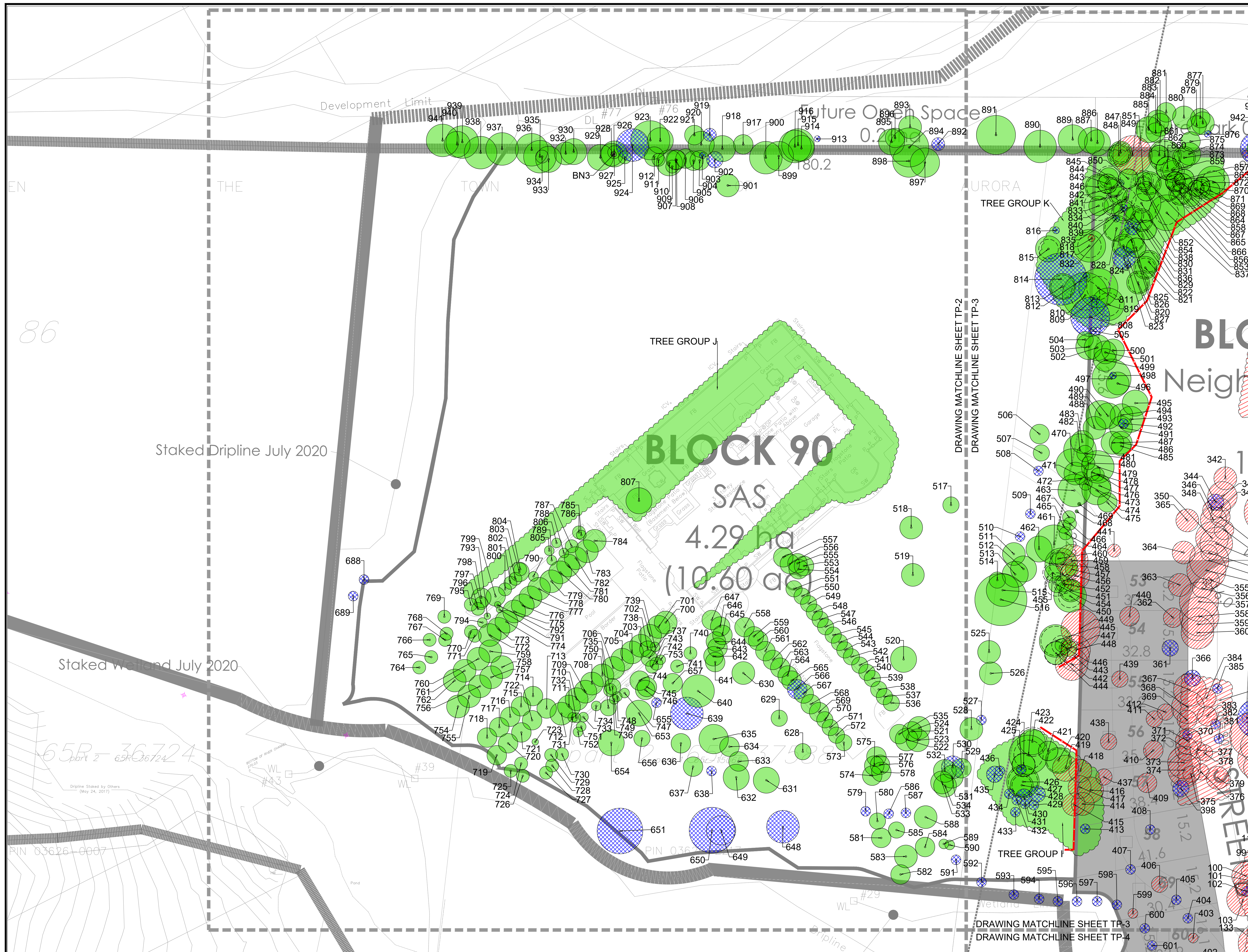
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**SHINING HILL ESTATES COLLECTION INC.**

PROJECT  
**SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1**

SHEET TITLE  
**TREE INVENTORY AND PRESERVATION PLAN**

DRAWN BY:	MB	FIGURE №:	220166
CHECKED BY:	ST		
DATE:	09 March 2021		

**TP-1**



**LEGEND**

- 1678 Tree Tag
- Tree Location
- Tree Crown
- Minimum Tree Protection Zone
- Tree to be Preserved
- Tree to be Removed Due to Development
- Tree to be Removed Due to Condition
- Tree Group to be Preserved
- Tree Group to be Removed
- Tree Protection Fencing (Refer to Detail T1 to T6 of Sheet TP-2)

Notes: Scale shown is for an 36" x 24" page. For illustrative purposes. Do not scale.

NO	REVISIONS	DATE	BY:
6			
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2	Proposed site and grading plan revised	2019/03/15	ST
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SEVAN TORUS #0N-1624A

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PROJECT: SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1

SHEET TITLE: TREE INVENTORY AND PRESERVATION PLAN

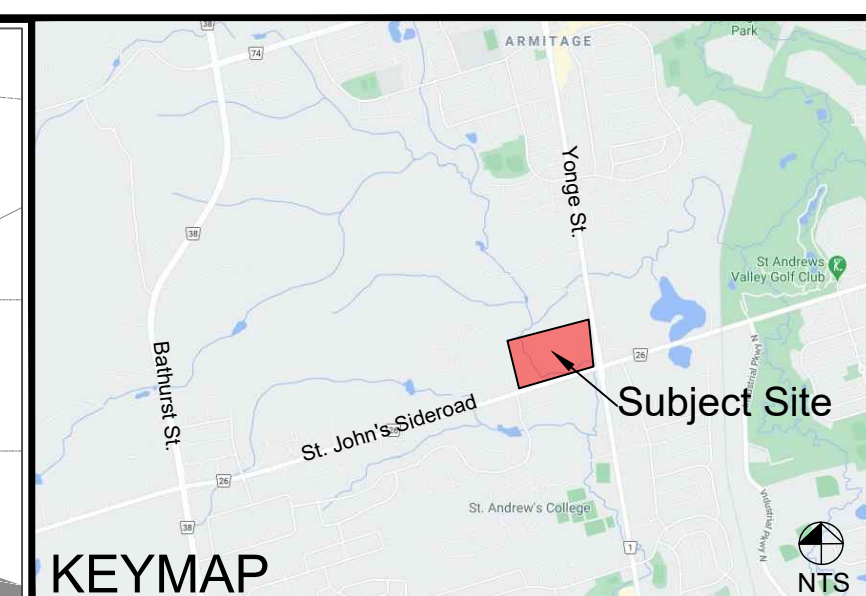
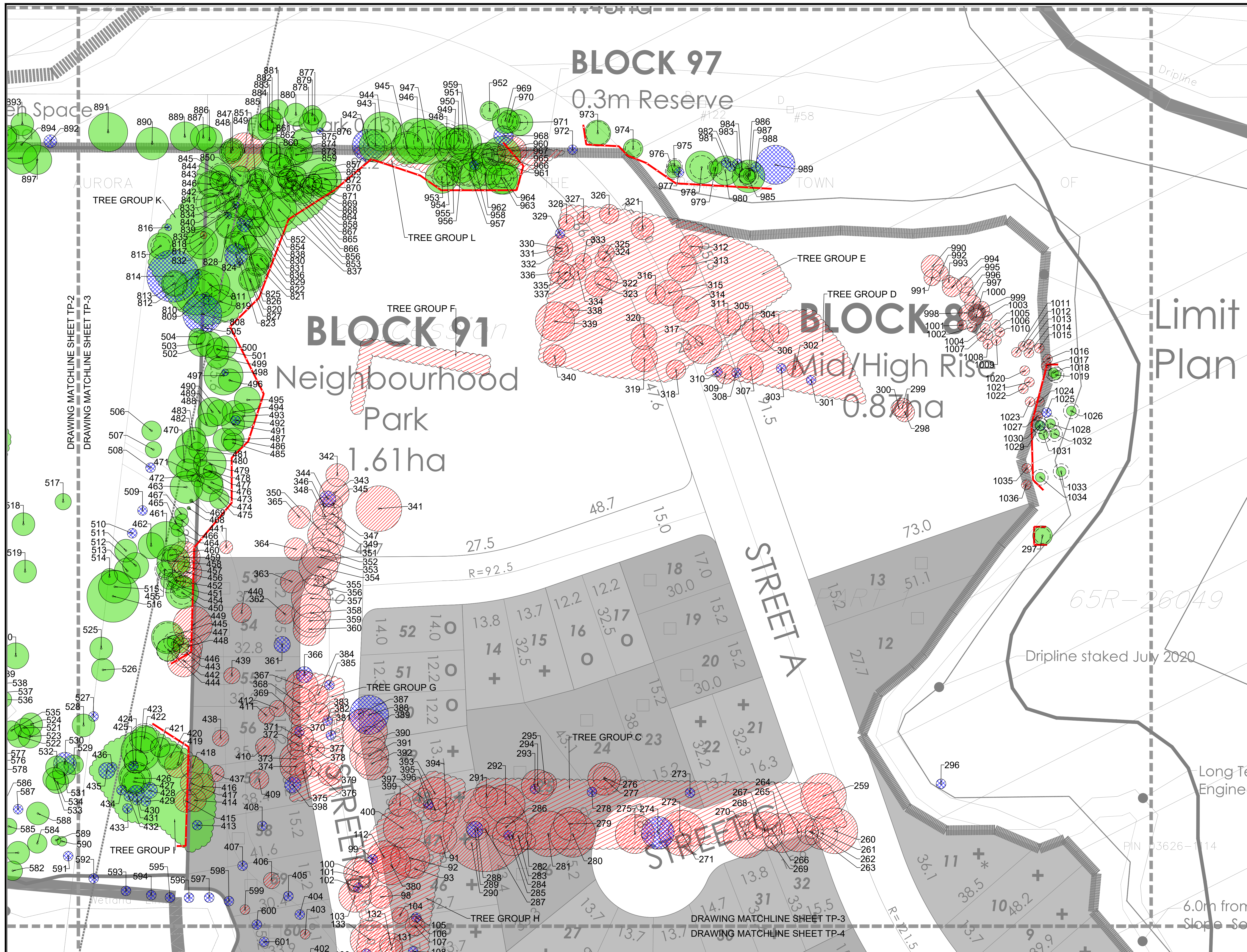
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CHECKED BY: ST

DATE: 09 March 2021

FIGURE NO.: TP-2



**LEGEND**

- 1678 Tree Tag
- Tree Location
- Tree Crown
- Minimum Tree Protection Zone
- Tree to be Preserved
- Tree to be Removed Due to Development
- Tree to be Removed Due to Condition
- Tree Group to be Preserved
- Tree Group to be Removed
- Tree Protection Fencing (Refer to Sheets TP-6 and TP-7)

Notes: Scale shown is for an 36" x 24" page. For illustrative purposes. Do not scale.

NO	REVISIONS	DATE	BY:
6			
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2	Proposed site and grading plan revised	2019/03/15	ST
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**SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1**

SHEET TITLE  
**TREE INVENTORY AND PRESERVATION PLAN**

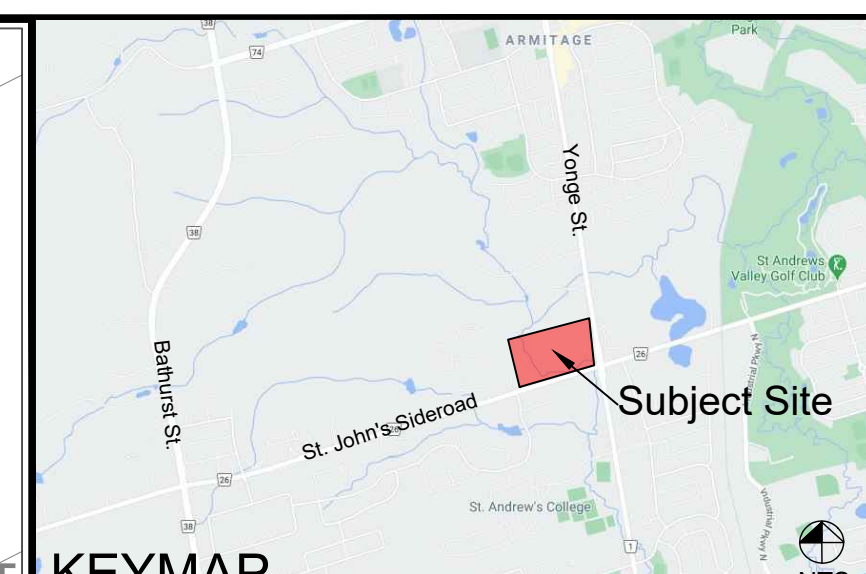
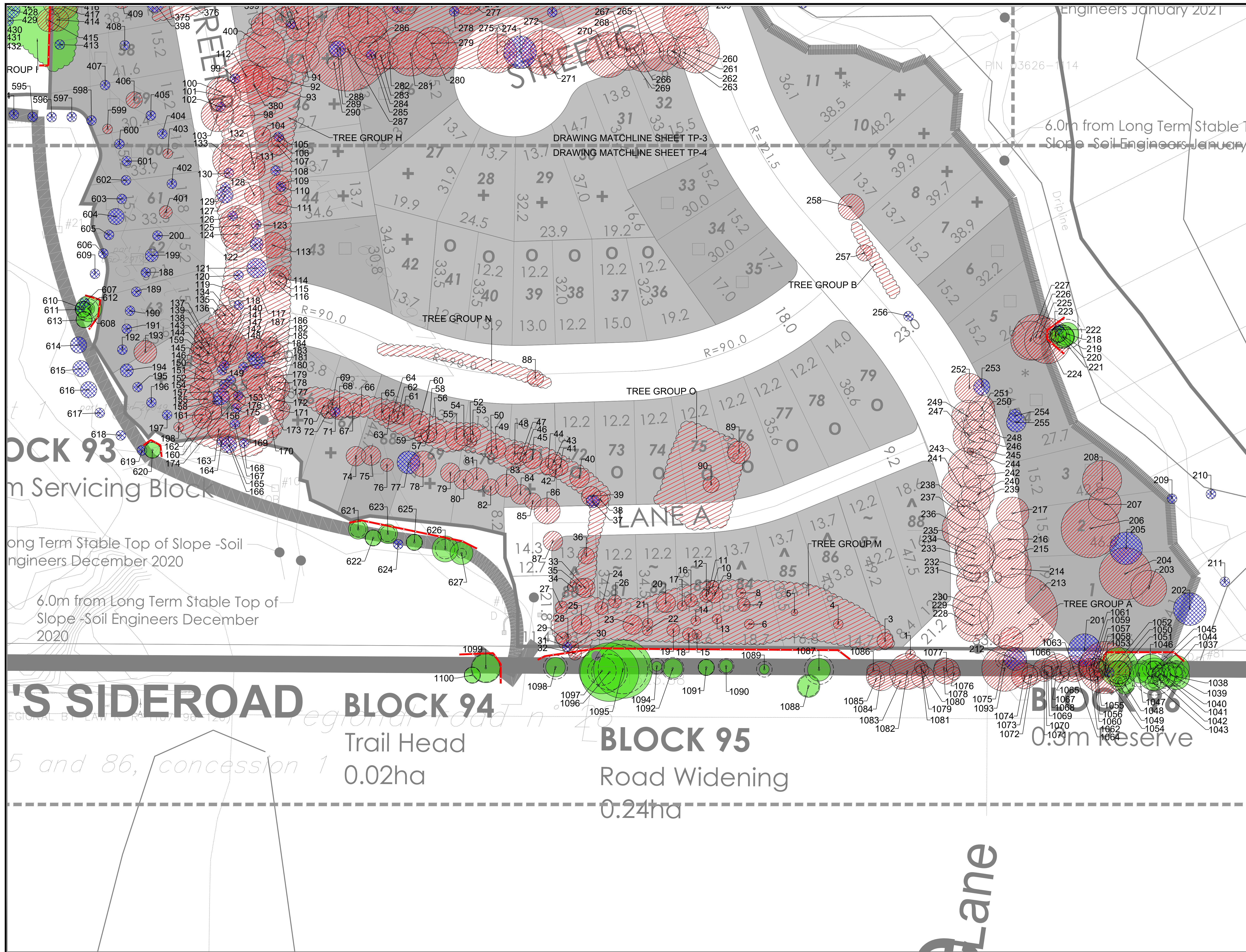
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CHECKED BY: ST

DATE: 09 March 2021

PROJECT NO: 220166

FIGURE NO: **TP-3**



**LEGEND**

- 1678 Tree Tag
- Tree Location
- Tree Crown
- Minimum Tree Protection Zone
- Tree to be Preserved
- Tree to be Removed Due to Development
- Tree to be Removed Due to Condition
- Tree Group to be Preserved
- Tree Group to be Removed
- Tree Protection Fencing (Refer to Sheets TP-6 and TP-7)

Notes: Scale shown is for an 36" x 24" page. For illustrative purposes. Do not scale.

NO	REVISIONS	DATE	BY:
6			
5			
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3			
2	Proposed site and grading plan revised	2019/03/15	ST
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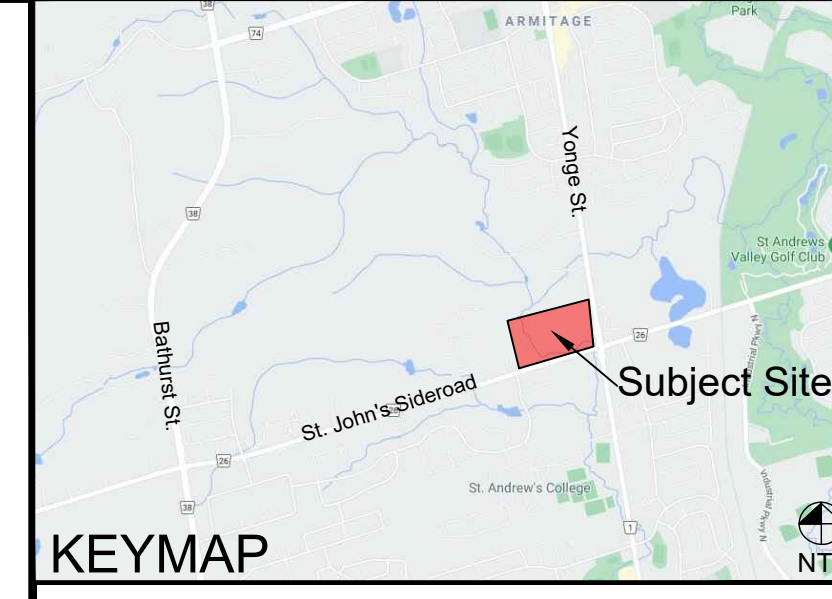
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PROJECT NO:	220166
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DATE:	09 March 2021
FIGURE NO:	TP-4

TREE INVENTORY TABLE

Table with columns: Tag No., Scientific Name, Common Name, DBH (cm), Crown (m), Condition, Comments, Tree Recommendation, Tree ID, Species, Size, Health, Location, Notes, etc.



KEYMAP

Table with columns: Tag No., Scientific Name, Common Name, DBH (cm), Crown (m), Condition, Comments, Tree Recommendation, Tree ID, Species, Size, Health, Location, Notes, etc.

Notes: Scale shown for 30' x 24" paper. For illustrative purposes. Do not depict to scale.

Table with columns: No. REVISIONS, DATE, BY.

Table with columns: Proposed site and grading revised, 2019/03/15, ST.

Table with columns: Issued, 2019/03, ST.



Table with columns: DESIGN BY, PROJECT NO., DRAWN BY, FIGURE NO., CHECKED BY, DATE.

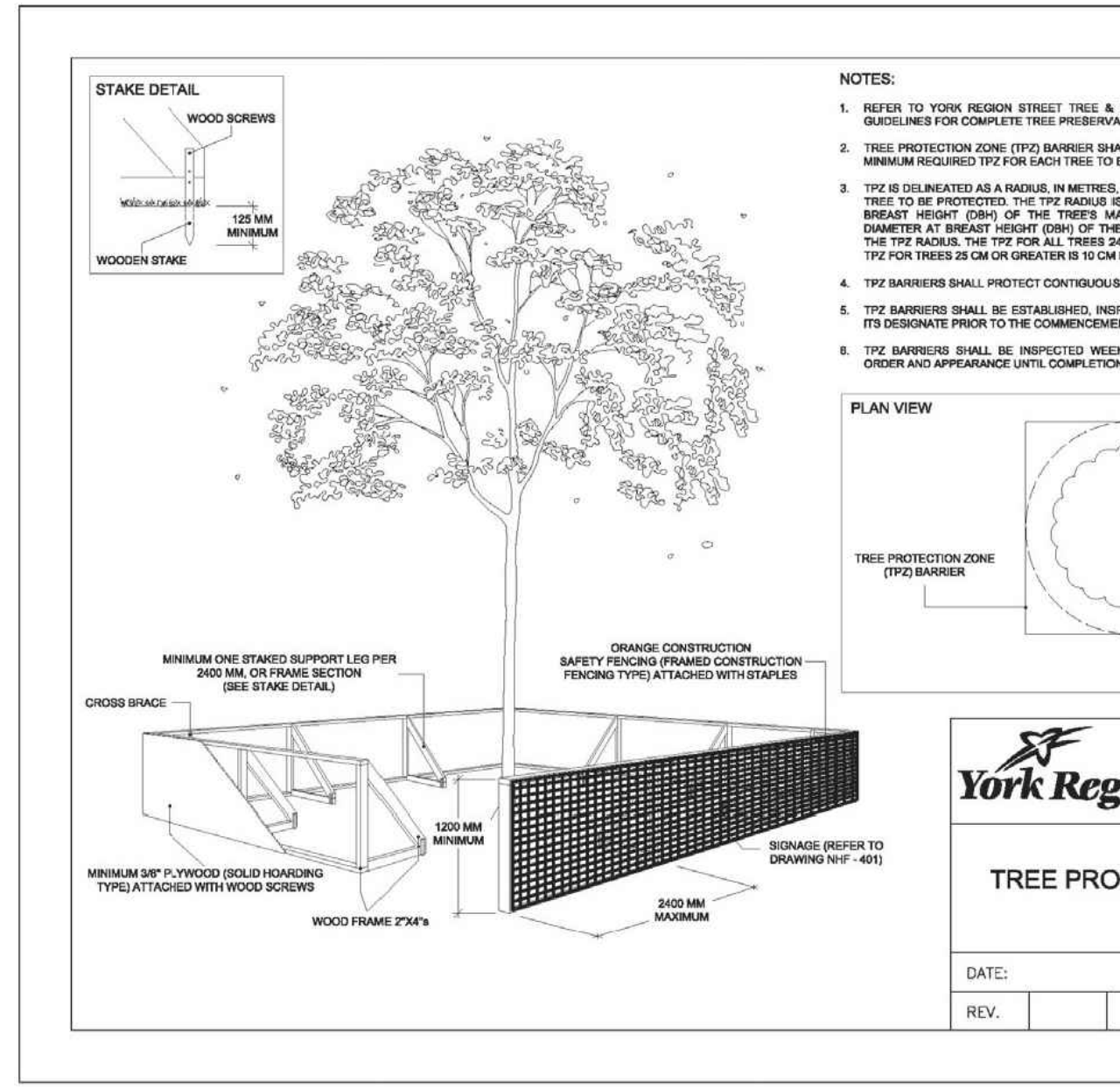
SHINING HILL ESTATES COLLECTION INC. SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1 TREE INVENTORY AND PRESERVATION PLAN TP-5

TREE INVENTORY TABLE CONTINUED

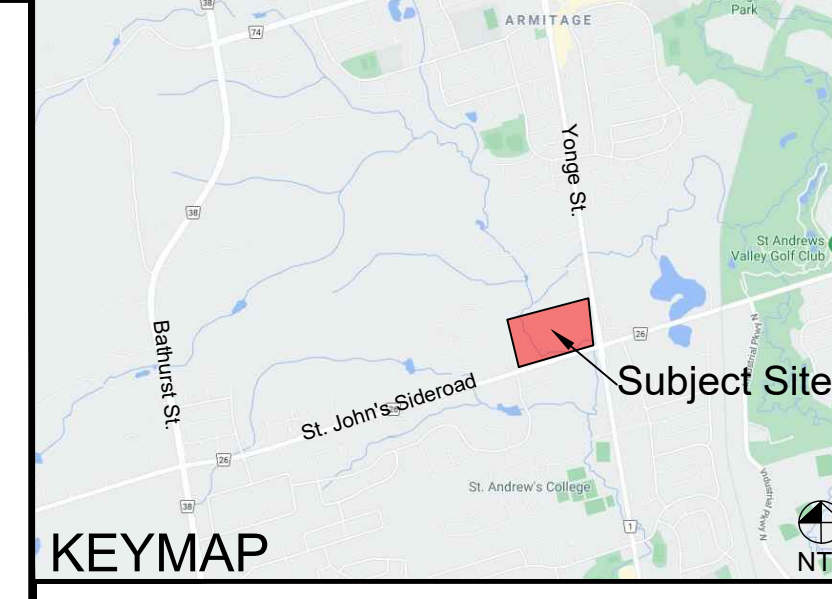
Tree No.	Scientific Name	Common Name	Date	Crown	Condition	TPZ	Tree Preservation Recommendation	TPZ	Tree Preservation Recommendation
538	Pinus strobus	White Pine	22	NA	Dead	None	Remove due to Condition		
539	Pinus strobus	White Pine	22	NA	Dead	None	Remove due to Condition		
540	Pinus strobus	White Pine	22	NA	Dead	None	Remove due to Condition		
541	Pinus strobus	White Pine	22	NA	Dead	None	Remove due to Condition		
542	Pinus strobus	White Pine	22	NA	Dead	None	Remove due to Condition		
543	Pinus strobus	White Pine	24	6	Fair-Good	12	Preserve		
544	Pinus strobus	White Pine	24	6	Fair-Good	12	Preserve		
545	Pinus strobus	White Pine	24	6	Fair-Good	12	Preserve		
546	Pinus strobus	White Pine	24	6	Fair-Good	12	Preserve		
547	Pinus strobus	White Pine	27	6	Fair-Good	12	Preserve		
548	Fraxinus americana	White Ash	60, 30, 10	NA	Poor	None	Remove due to Condition		
549	Fraxinus americana	White Ash	51	9	Poor	None	Remove due to Condition		
550	Fraxinus americana	White Ash	65, 15, 14	NA	Poor	None	Remove due to Condition		
551	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
552	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
553	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
554	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
555	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
556	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
557	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
558	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
559	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
560	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
561	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
562	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
563	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
564	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
565	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
566	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
567	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
568	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
569	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
570	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
571	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
572	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
573	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
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576	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
577	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
578	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
579	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
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583	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
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589	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
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592	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
593	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
594	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
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596	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
597	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
598	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
599	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		
600	Fraxinus americana	White Ash	65, 14, 14	NA	Poor	None	Remove due to Condition		

Appendix 1: Typical Detail Drawings

NHF-400: Tree Protection Zone (TPZ) barriers



NHF-401: Tree Protection Zone (TPZ) signage



**KEYMAP**

Subject Site

St. John's Sideroad

St. Andrew's Rd

NTS

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**Environmental Services**

**TREE PROTECTION ZONE (TPZ) BARRIER**

DATE: \_\_\_\_\_ SCALE: N.T.S.

REV. \_\_\_\_\_ N.H.F. - 400

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**Environmental Services**

**TREE PROTECTION ZONE (TPZ) SIGNAGE**

DATE: \_\_\_\_\_ SCALE: N.T.S.

REV. \_\_\_\_\_ N.H.F. - 401

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Notes: Scale shown is for a 36" x 24" page. For illustrative purposes. Do not scale.

NO	REVISIONS	DATE	BY:
1	Proposed site and grading plan revised	2019/03/15	ST
2	Issued	2019/03	ST

---

**CERTIFIED ARBORIST**

**ISA**

---

**BEACON ENVIRONMENTAL**

MARKHAM OFFICE  
90 MAIN ST NORTH  
MARKHAM, ON L3P 1X5

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F) 905-201-0639  
www.beaconenviro.com

---

**CLIENT**

**SHINING HILL ESTATES COLLECTION INC.**

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**PROJECT**

**SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1**

---

**TREE INVENTORY AND PRESERVATION PLAN**

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**DESIGN BY:** \_\_\_\_\_ **PROJECT NO.:** 220166

**DRAWN BY:** MB **FIGURE NO.:** TP-6

**CHECKED BY:** ST

**DATE:** 09 March 2021



# NHF-402: Standard Tree Protection Notes

**General**

- These notes are in support of York Region's Street Tree and Forest Preservation and Compensation Guidelines. Refer to the Guidelines prior to undertaking any site disturbance in proximity to trees on York Region-owned property.
- York Region Street Tree and Forest Preservation and Compensation Guidelines must be implemented if there is a reasonable likelihood that any site works will in any way encroach upon minimum required Tree Protection Zones (TPZs), whether such encroachment is planned or inadvertent, or if trees to be preserved are located within 10 metres of the limits of proposed site disturbance.

**Tree Protection Zone (TPZ)**

- A minimum Tree Protection Zone (TPZ) will be established around every tree to be preserved in accordance with the York Region Street Tree and Forest Preservation and Compensation Guidelines and a York Region-approved Tree Preservation Plan.
- No entry or activity shall be permitted within the TPZ without prior written approval of York Region Environmental Services Department, Natural Heritage and Forestry Division.
- Prohibited activities within the TPZ include but are not limited to: installation or attachment of any items to the tree; operation of equipment or machinery; storage of equipment, machinery or materials; access by any personnel; placement of trailers, temporary buildings or structures; flushing, storage or dumping of fuels, chemicals or other contaminants; stockpiling of soil; digging, trenching, or excavation; and/or change to existing grade.

**Tree Protection Zone (TPZ) Barrier**

- A Tree Protection Zone (TPZ) barrier shall be constructed around the TPZ of every tree to be preserved in accordance with the York Region Street Tree and Forest Preservation and Compensation Guidelines and a York Region-approved Tree Preservation Plan.
- Where trees to be protected are located in close proximity to each other, the TPZ barrier shall be installed to protect trees in contiguous groups.
- The TPZ barrier shall be installed prior to commencement of any site disturbance. Site disturbance shall not commence until the installation of all TPZ barriers has been completed, and has been verified and approved by York Region or its designee.
- The TPZ barrier shall be constructed on a 2x4 frame. The height of the frame shall measure a minimum of 1.2 m (4 feet), and the width of individual frame sections shall not exceed 2.4 m (8 feet).
- The frame shall be supported by diagonal 2x4 support legs installed inside the TPZ, secured to the frame using wood screws, and secured to the ground using an wooden stake installed a minimum of 150 mm into the ground. A minimum of 1 support leg shall be installed per 2.4 m (8 feet) of linear TPZ barrier distance, or per frame section.
- Framed construction fencing is the primary method for TPZ barrier construction. Orange construction safety fencing shall be securely and tightly stapled to the outside of the TPZ barrier frame to construct the framed construction fencing TPZ barrier type. Other fencing materials (e.g., chicken wire, green snow fence, etc.) shall not be used.
- Solid hoarding shall be installed where there is a significant risk of fill or other material being piled against the TPZ barrier, or where heavy machinery is to be operated in close proximity to the TPZ barrier. Plywood or oriented strand board (OSB) sheathing with a minimum thickness of 3/8" shall be affixed using wood screws to the outside of the TPZ barrier frame to construct the solid hoarding TPZ barrier type. Nails, staples or other fasteners shall not be used.
- Signage, as shown in typical detail drawing "Tree Protection Zone (TPZ) Signage NHF-401", shall be installed on all sides of the TPZ barrier. The distance between individual signs shall not exceed 10 metres on any one side of the TPZ barrier.
- If described as required in the Tree Preservation Report, silt barrier fencing shall be installed using a "no-dig" method as described in the York Region Street Tree and Forest Preservation and Compensation Guidelines.

**Maintenance**


- TPZ barriers shall remain in place and in good working order and appearance throughout the duration of site disturbance until completion of all works.
- TPZ barriers shall not be moved, modified or relocated at any time without the approval of York Region or its designee.
- TPZ barriers shall be inspected by a qualified tree professional once-weekly or on a schedule approved by York Region or its designee. Any deficiencies shall be noted in writing and any TPZ barriers found to be in substandard condition shall be repaired, modified or replaced as necessary within five working days of formal notification by York Region or its designee.

**Pruning**

- No tree branches or tree roots shall be pruned without written approval of York Region or its designee. Any proposed pruning must be described in the Tree Preservation Report and must be approved by York Region or its designee prior to its undertaking.
- Approved pruning must be undertaken by an ISA Certified Arborist or an Ontario College of Trades 4444 Arborist or Arborist Apprentice only.
- No trades personnel are permitted to prune tree branches or tree roots.


**Other**

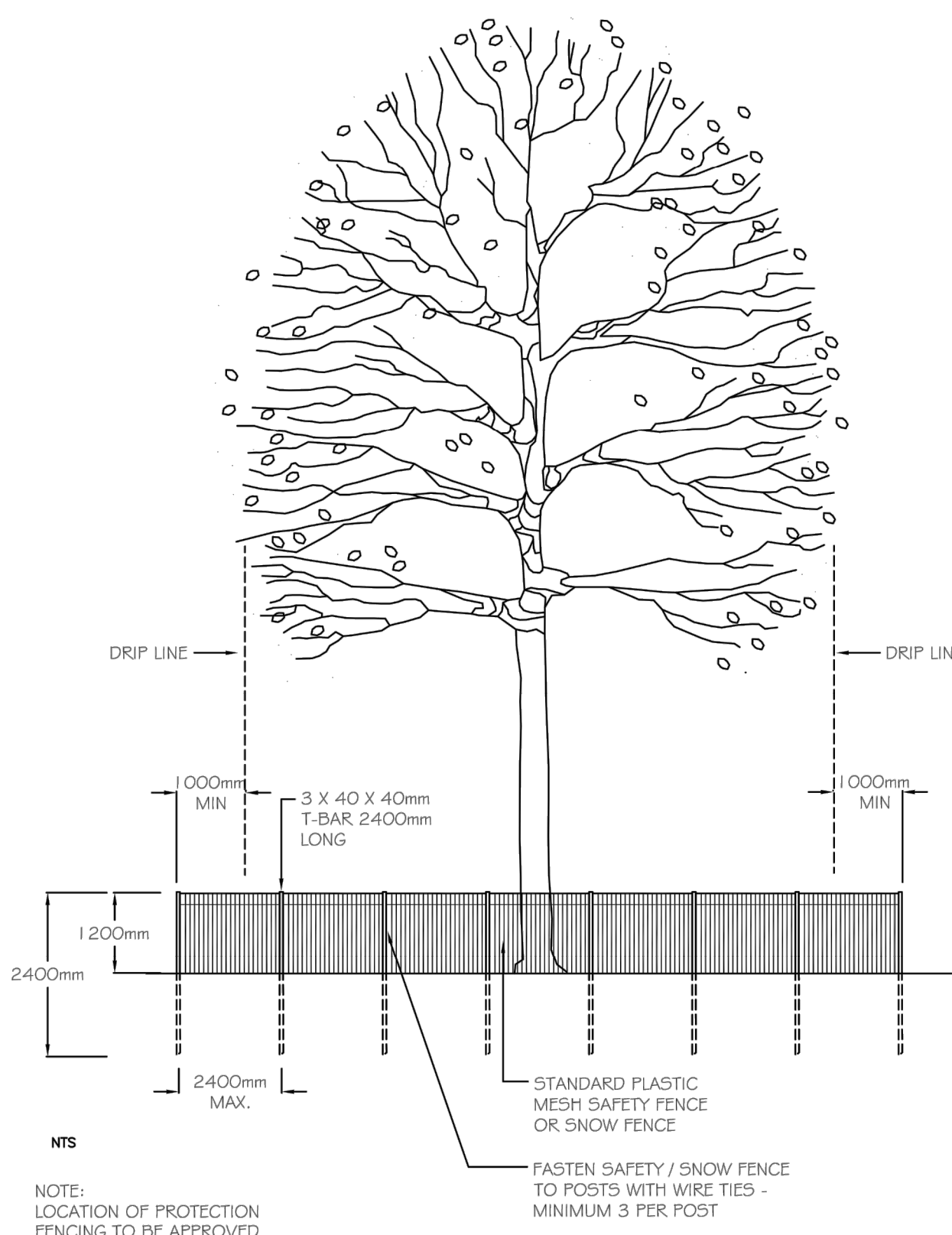
- Other tree preservation measures may be required to be implemented wherever site disturbance is proposed, anticipated or likely to occur within or in close proximity to Tree Protection Zones (TPZs) and trees to be preserved. Other acceptable tree preservation measures are described in the York Region Street Tree and Forest Preservation and Compensation Guidelines.
- All proposed tree preservation measures must be described in the Tree Preservation Report and shown on the Tree Preservation Plan.



**STANDARD TREE PROTECTION NOTES**

DATE:	SCALE	N.T.S.
REV.	<b>NHF - 402</b>	





DRIP LINE

1000mm MIN

3 X 40 X 40mm T-BAR 2400mm LONG

1200mm

2400mm

2400mm MAX.

STANDARD PLASTIC MESH SAFETY FENCE OR SNOW FENCE

FASTEN SAFETY / SNOW FENCE TO POSTS WITH WIRE TIES - MINIMUM 3 PER POST

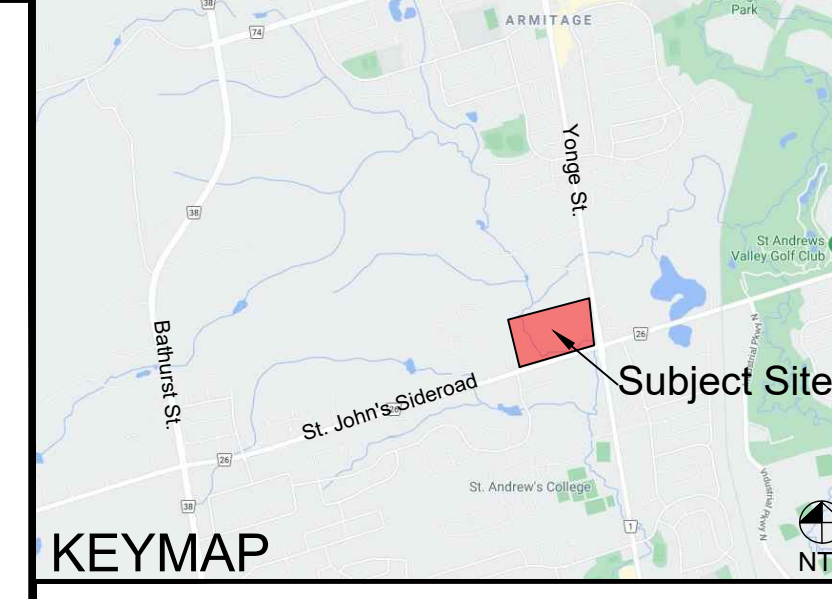
1000mm MIN

NTS

NOTE: LOCATION OF PROTECTION FENCING TO BE APPROVED BY THE TOWN OF AURORA


**TYPE 1 PROTECTION FENCING** NOVEMBER 2005 **TP-2**

DRAWING NO. **TP-2**



NO	REVISIONS	DATE	BY:
6			
5			
4			
3			
2	Proposed site and grading plan revised	2019/03/15	ST
1	Issued	2019/03	ST

SCALE

NORTH ARROW	SEAL	
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MARKHAM OFFICE  
80 MAIN ST NORTH  
MARKHAM, ON L3P 1X5

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www.beaconenviro.com

CLIENT  
**SHINING HILL ESTATES COLLECTION INC.**

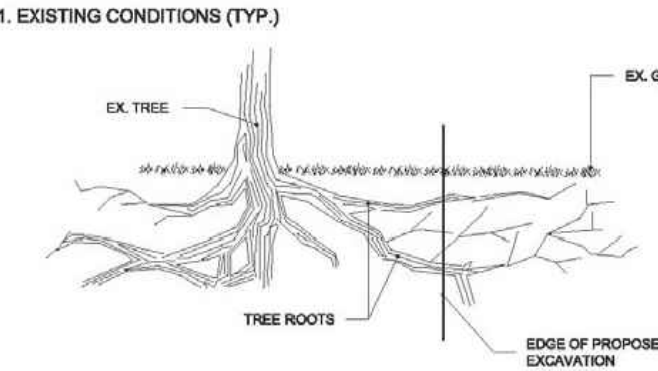
PROJECT  
**SHINING HILL PHASE 3 PART OF LOT 86, CONCESSION 1**

**TREE INVENTORY AND PRESERVATION PLAN**

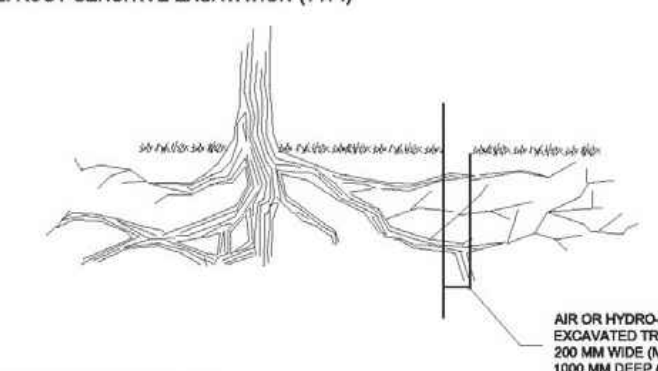
DESIGN BY: ..	PROJECT NO: 220166
DRAWN BY: MB	FIGURE NO:
CHECKED BY: ST	<b>TP-7</b>
DATE: 09 March 2021	

# NHF-403: Root-Sensitive Excavation and Root Pruning

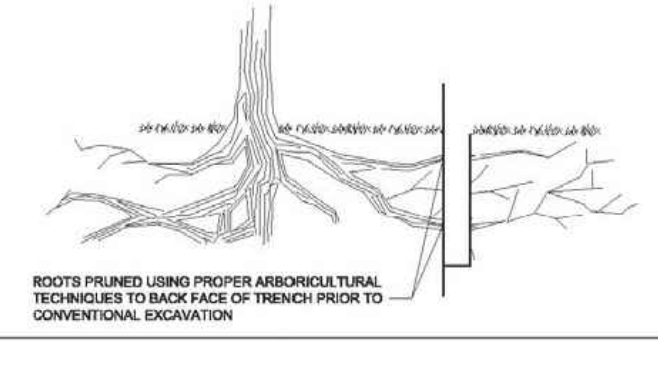
**1. EXISTING CONDITIONS (TYP.)**



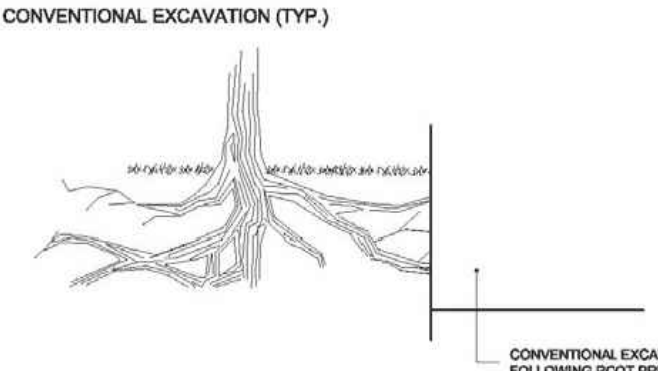
**2. ROOT-SENSITIVE EXCAVATION (TYP.)**




**3. ROOT PRUNING (TYP.)**



**4. CONVENTIONAL EXCAVATION (TYP.)**





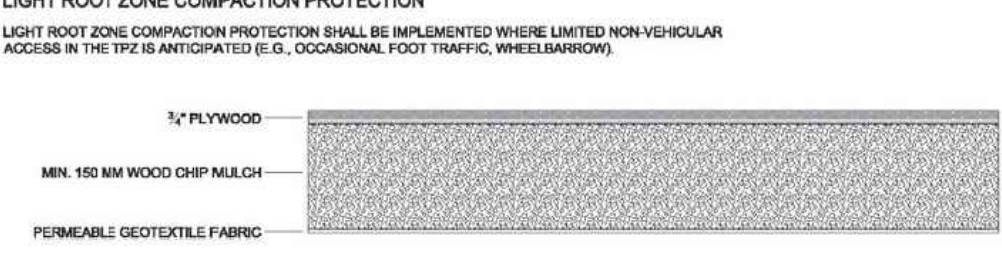
**ROOT-SENSITIVE EXCAVATION AND ROOT PRUNING**

DATE:	SCALE	N.T.S.
REV.	<b>NHF - 403</b>	

# NHF-404: Root Zone Compaction Protection

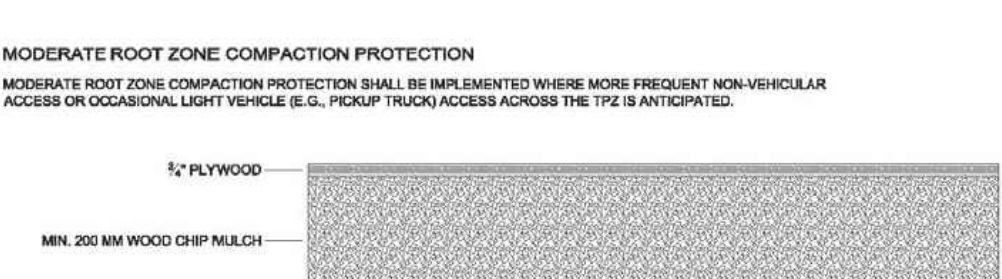
**LIGHT ROOT ZONE COMPACTION PROTECTION**

LIGHT ROOT ZONE COMPACTION PROTECTION SHALL BE IMPLEMENTED WHERE LIMITED NON-VEHICULAR ACCESS IN THE TPZ IS ANTICIPATED (E.G., OCCASIONAL FOOT TRAFFIC/WALKWAYS).



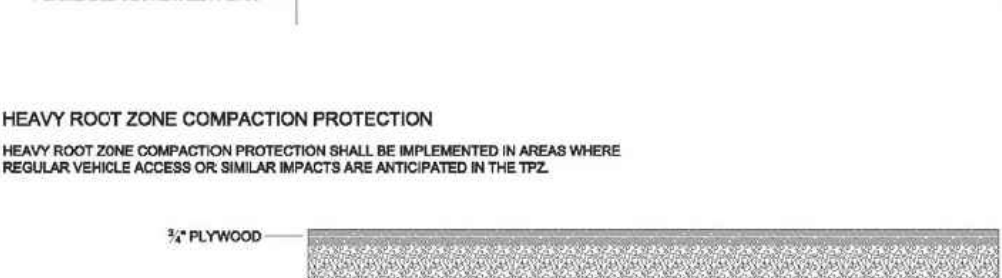
**MODERATE ROOT ZONE COMPACTION PROTECTION**

MODERATE ROOT ZONE COMPACTION PROTECTION SHALL BE IMPLEMENTED WHERE MORE FREQUENT NON-VEHICULAR ACCESS OR OCCASIONAL LIGHT VEHICLE (E.G., PICKUP TRUCK) ACCESS ACROSS THE TPZ IS ANTICIPATED.

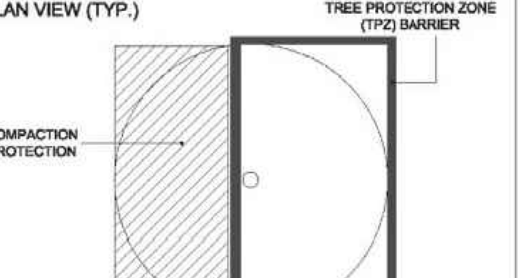


**HEAVY ROOT ZONE COMPACTION PROTECTION**

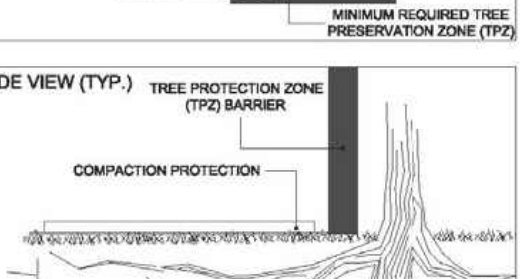
HEAVY ROOT ZONE COMPACTION PROTECTION SHALL BE IMPLEMENTED IN AREAS WHERE REGULAR VEHICLE ACCESS OR SIMILAR IMPACTS ARE ANTICIPATED IN THE TPZ.




**PLAN VIEW (TYP.)**



**SIDE VIEW (TYP.)**

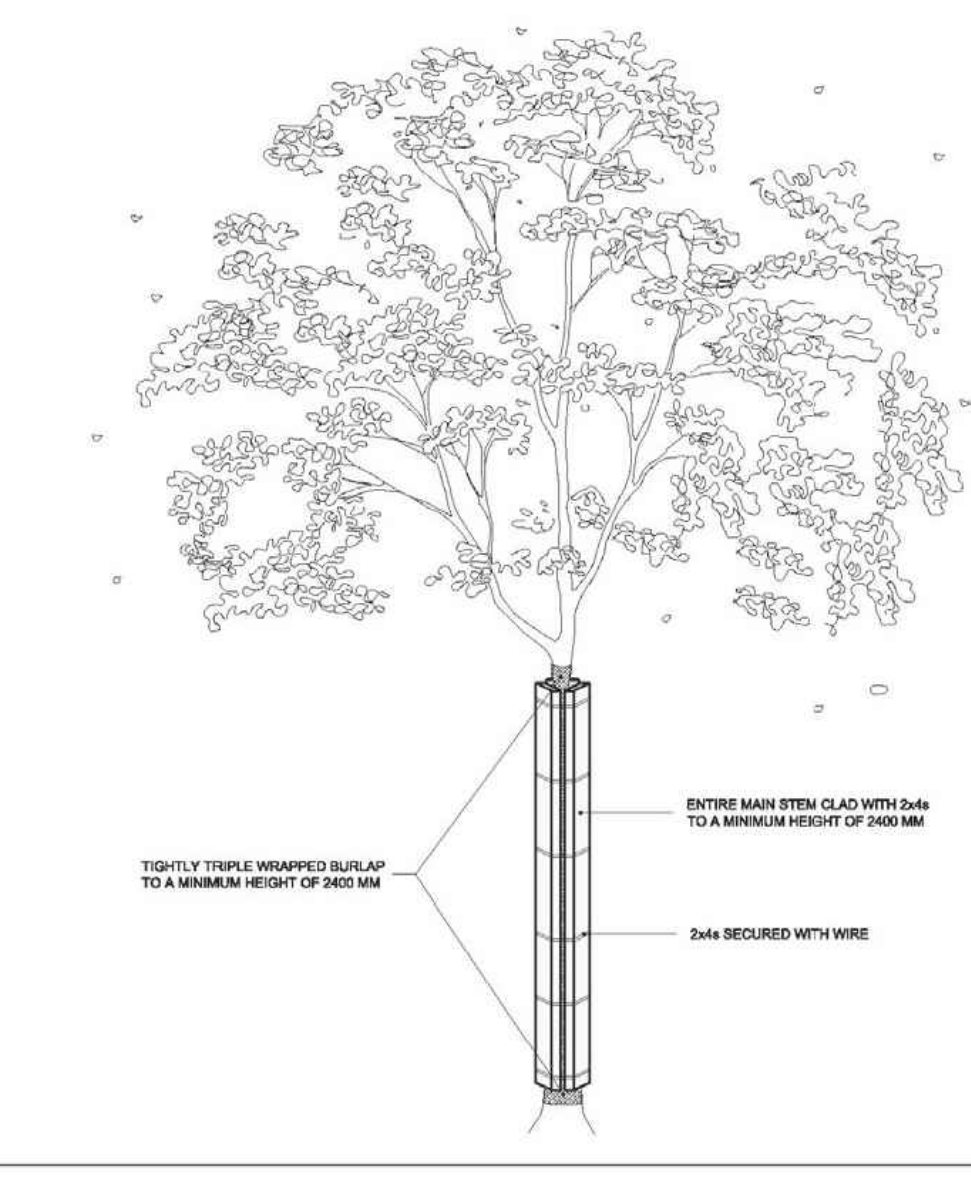




**ROOT ZONE COMPACTION PROTECTION**

DATE:	SCALE	N.T.S.
REV.	<b>NHF - 404</b>	


# NHF-405: Tree Stem Protection



TIGHTLY TRIPLE WRAPPED BURLAP TO A MINIMUM HEIGHT OF 2000 MM

ENTIRE MAIN STEM CLAD WITH 2x4s TO A MINIMUM HEIGHT OF 2000 MM

2x4s SECURED WITH WIRE



**TREE STEM PROTECTION**

DATE:	SCALE	N.T.S.
REV.	<b>NHF - 405</b>	

### 4.3 Trees Recommended for Preservation

The remaining 588 trees composed of 468 individually tagged trees, and 120 tallied trees (i.e., ranging from 5 cm to 20 cm DBH) distributed across three tree groups (Tree Groups I, J, and K) are recommended for preservation. The majority of the individually tagged trees are located within the St. Anne’s School Block located within the northwest section of the subject property.

## 5. Tree Preservation Specifications

As per Section 6 of the Town’s Tree Protection/Preservation Policy (2015), all trees that are to be preserved shall have Tree Protection Fencing installed beyond the canopy of the tree(s) to be protected. Where construction work is proposed within the dripline of the tree protection zone, fencing shall be erected according to ISA standards at the minimum tree protection zone distance shown in **Table 4** below.

**Table 4. Minimum TPZ Distance Based on Trunk Diameter at Breast Height**

Trunk Diameter at Breast Height (cm)	Tree Protection Zone (m)
< 10	1.5
10 - 25	2.4
25 - 37.5	3.0
37.5 - 50	3.6
> 50	4.5

Tree protection fencing is required to be installed around the tree located at a minimum distance as shown in the “TPZ Radius” column of **Appendix B**, measured from the base of the tree. Fencing installation should follow the Town of Aurora standards shown in **Appendix D** and shall be installed prior to the commencement of any demolition, grading, or construction activities on the subject property. All protection measures shall be monitored by an ISA-certified Arborist for the duration of the construction period.

The following are not permitted within the TPZ:

- Rigging cables wrapped around or installed in trees;
- Operation of equipment;
- Storage of building materials;
- Placement of temporary buildings or work trailers;
- Storage, flushing or dumping of fuels, chemicals or other contaminants;
- Placement of soil (fill); and
- Grading and/or excavation.

In addition to the establishment of the TPZ, the following specifications are recommended:

- Before the beginning of work, the contractor and Beacon staff meet on site to ensure appropriate placement and installation of TPZ fencing, review work procedures, access routes, storage areas and other tree protection measures;
- Where underground utilities are to be installed, the route shall be outside the TPZ, or use tunneling or boring methods for installation;
- Any root damage occurring during construction should be cut cleanly to the sound tissue and exposed roots should be covered with soil or mulch as soon as possible to prevent drying;
- Any injury to a tree during construction should be evaluated by a qualified arborist; and
- Any pruning of trees for construction clearance shall be performed by a qualified arborist.

## 5.1 Trees Located Within Regional Road Allowance

There are 28 trees (Tree Nos. 1037 to 1051, 1087 to 1092, and 1094 to 1100) located within the regional road allowance that are recommended for preservation. These trees shall be fully protected with fencing erected around the entire perimeter of the Tree Protection Zone (TPZ) with the minimum distance measured from the outside edge of the tree base as shown in the “TPZ Radius (m)” column in the tree inventory in **Appendix B**. Tree protection barriers must be 1.2 m (4 ft) high plywood or orange construction safety fencing fastened to wooden posts spaced at a maximum of 2.4 m apart and installed prior to the onset of construction in accordance with York Region’s Street Tree and Forest Preservation Guidelines (2016). The TPZ barrier should be constructed as per York Region’s TPZ Barrier Specifications (Drawing NHF-400) as shown in **Appendix E**. Additional Regional Standard Tree Protection Notes (Drawing NHF-402) are provided in **Appendix F**.

In addition to the establishment of TPZs, the following specifications are recommended (if applicable) for the preservation of region-owned trees:

- Upon completion of the tree removals, all felled trees are to be removed from the site, and all brush chipped and removed. An exception to this is ash trees. The site is within the Canadian Food Inspection Agency (CFIA) regulated areas for Emerald Ash Borer (EAB). Prior to removal of ash trees from the site, disposal of any material from ash in this situation should be confirmed with the CFIA (website: <https://www.inspection.gc.ca/plant-health/plant-pests-invasive-species/insects/emerald-ash-borer/eng/1337273882117/1337273975030>);
- Before the beginning of work, the contractor shall meet with Beacon on site to review work procedures, access routes, storage areas and the TPZ or other tree protection measures;
- Tree protection fencing shall be installed and in good condition prior to the start of construction and is to be maintained in good condition throughout the duration of construction activities;
- Areas within the tree protection fencing of the trees designated for preservation are not to be used for any type of storage;
- Trees shall not have any rigging cables or hardware of any sort attached or wrapped around them, nor shall any contaminants be dumped within the protective areas or flushed where they may come into contact with the feeder roots of the trees;
- In the event that it is necessary to remove additional limbs or portions of trees, after construction has commenced, to accommodate construction, the consulting Arborist or project administrator is to be informed and the removal is to be executed carefully and in full accordance with arboricultural techniques, by a qualified Arborist;

- During excavation operations in which roots are affected, the Contractor is to prune all exposed roots cleanly. Pruned root ends shall point obliquely downwards. The exposed roots should not be allowed to dry out. The Contractor shall discuss watering of the roots with the Owner and Contract Administrator prior to pruning to ensure that so that optimum soil moisture is maintained during construction and backfilling operations. Backfilling must be completed as soon as practical with clean, uncontaminated native topsoil or mulch. Directional drilling is recommended for installing infrastructure servicing within TPZs;
- Where the access route abuts the tree protection fencing, curb shall be hand-formed to minimize root loss; and
- A sign shall be affixed to the most visible side of the tree protection barrier designating the TPZ as per the sample provided in **Appendix G**.

## 5.2 Timing of Tree Removal

The federal *Migratory Bird Convention Act* (1994) protects the nests, eggs and young of most bird species from harm or destruction. Environment Canada considers the 'general nesting period' of breeding birds in southern Ontario to be between late March and the end of August. This includes times at the beginning and end of the season when only a few species might be nesting. It is recommended that during the peak period of bird nesting, no vegetation clearing or disturbance to nesting bird habitat occur (between mid-May and mid-July). In the 'shoulder' seasons of April 1 to May 15, and July 16 to August 31, vegetation clearing could occur, but only after an ecologist with appropriate avian knowledge has surveyed the area to confirm lack of nesting. If nesting is found, then vegetation clearing (in an area around the nest) has to wait until nesting has concluded. Generally, the smaller and simpler the habitat is, the easier it is to confirm that no nesting is occurring. Likelihood of nesting birds being present in the 'shoulder' seasons also depends on the habitat type. From September 1 through to March 31, of any year, vegetation clearing can occur without nest surveys, but the law for nest protection still holds (i.e., if an active nest is known it should be protected).

## 5.3 Bats

No trees (dead or alive) should be removed without confirmation from the Ministry of Environment, Conservation, and Parks (MECP) that they have no concerns regarding the protection of habitat regulated for bats under the provincial *Endangered Species Act* (2007).

## 6. Tree Compensation Information

As per Section 7.0 (Compensation and Tree & Shrub Valuation Procedure) of the Tree Removal/Pruning and Compensation Policy (2015), it is the Town's goal to achieve a sustainable Urban Forest with a net gain in forest cover. To achieve this goal, the Town requires the replacement of trees that are removed as a result of development in sufficient numbers to ensure that the urban forest canopy is not compromised or in any way diminished over the long term.

As the majority of inventoried and tallied trees proposed for removal are located within naturalized tree clumps, groups, and hedgerows, tree compensation was determined in accordance with Section 7.2 of the Town's Tree Removal/Pruning and Compensation Policy (2015). As per Section 7.2, trees within

meadows and woodlots are valued based on the cost to replace them with the same species (if native), using nursery stock sizes and quantities listed below (**Table 5**).

**Table 5. Replacement Tree Size/Quantity of Nursery Stock for Removal**

Subject Tree Diameter at Breast Height (cm)	Replacement Size of Tree Nursery Stock	Quantity of nursery stock required to replace 1 tree
5 - 10	5 gal pots (1.0 - 3.0 m tall)	1
11 - 20	150 cm tall wire basket (conifer), 45 mm caliper (hardwood)	2
> 20	175 - 200 cm tall wire basket (conifer), 60 mm caliper (hardwood)	3

The installed cost shall be 2.5 x the cost of nursery stock. The value for trees that are assessed as being in fair condition or poor condition is calculated as 0.6 times or 0.2 times the replacement cost of a healthy specimen, respectively. An additional species rating criterion shall be applied based on the latest ISA Ontario Species Rating list (**Appendix H**).

Tree replacement quantities and costs were calculated using the formula outlined in Section 7.2 of the Tree Removal/Pruning and Compensation Policy (2015) and are shown in **Appendix I**.

Any trees located within natural features or associated buffers staked by Lake Simcoe Region Conservation Authority (LSRCA) have been omitted from municipal tree compensation calculations and will be addressed in the Natural Heritage Evaluation prepared by Beacon (2021). In addition, ash trees that were observed to be dead or declining as a result of infestation from the Emerald Ash Borer, and other tree species recommended for removal due to condition generally 20 m outside development limits have been excluded from the tree compensation calculations.

Based on the tree replacement calculations (**Appendix I**), the total estimated replacement cost of the individually tagged trees and tallied trees between 5 cm and 20 cm DBH is **\$453,423** and the quantity of replacement trees categorized by size is shown in **Table 6** below.

**Table 6. Quantity of Replacement Trees Categorized by Size**

Replacement Size of Tree Nursery Stock	No. of Replacement Trees
5 gal pots (1.0 - 3.0 m tall)	339
150 cm tall wire basket (conifer), 45 mm caliper (hardwood)	986
175 - 200 cm tall wire basket (conifer), 60 mm caliper (hardwood)	1008
<b>Total</b>	<b>2333</b>

As per the results in **Table 6**, a total of **2,333** replacement trees are required consisting of 339 x 5-gallon pots (1.0 – 3.0 m tall), 986 x 150 cm tall conifers and/or 45 mm caliper deciduous hardwood

trees, and 1,008 x 175-200 cm tall conifers and/or 60 mm caliper deciduous hardwood trees. A full list of acceptable native tree species for site plans and landscape designs is available in the Tree Planting and Approved Plant List Policy (2015).

## 6.1 Tree Compensation for Trees Within Regional Road Allowance

Tree Nos. 1052 to 1057, 1059 to 1074, 1076 to 1086, and 1093 are region-owned trees located within the RRA that are proposed for removal. As per York Region's Street Tree and Forest Preservation Guidelines (2016), compensation is required for the removal of trees within the RRA in order to preserve canopy cover and to realize no net loss of trees. Compensation may be provided in the form of replacement plantings or through payment of equivalent compensation value.

The number of replacement trees was determined using the following formula:

$$\text{Number of Replacement Trees} = \frac{\text{DBH of tree to be removed}}{\text{Replacement Tree Caliper Size}} \times \text{Condition Rating}$$

Tree replacement totals were determined using a replacement tree caliper size of 5 cm (50 mm).

The compensation value is determined by multiplying the total number of replacement trees by the replacement cost as per York Region's Street Tree and Forest Preservation Guidelines (2016). The replacement cost for a given tree is based on York Region's cost for planting a street tree and maintaining it in good condition and under warranty for three years.

The tree replacement calculations for trees located within the regional road allowance are presented in **Appendix J**.

Tree No. 1085, a 14 cm DBH Green Ash was omitted from the tree compensation calculations as ash trees that are not under an Emerald Ash Borer management program are exempt from the Region's compensation requirements.

As per the results presented in **Appendix J**, a total of 149 replacement trees (based on 5 cm [50 mm] caliper size) are required for the removal of Tree Nos. 1052 to 1057, 1059 to 1074, 1076 to 1086, and 1093. The total calculated compensation value (**Appendix J**), assuming \$870.44 per replacement tree (obtained through recent correspondence with York Region), is **\$133,505.56**.

## 7. Summary

Beacon has been retained by Shining Hill Estate Collection Inc. to undertake an Arborist Report and TIPP in support of the proposed development of portions of the properties located at 162 and 306 St. John's Sideroad (i.e., eastern portion of Lot 86, Concession 1, west of Yonge Street), within the Town of Aurora, York Region.

A total of 2,080 trees composed of 984 individually tagged trees measuring at least 5 cm DBH, 62 trees of all sizes within the RRA, and 1,034 trees between 5 cm and 20 cm DBH distributed among 15 tree groups (i.e., Tree Groups A to O), were recorded on and immediately adjacent to the subject property.

A total of 1,318 trees composed of 407 individually tagged trees (including 33 trees located within the RRA), 914 tallied trees that range from 5 cm to 20 cm DBH (i.e., within 12 tree groups), are proposed for removal to accommodate the proposed development. In addition, 171 trees are recommended for removal due to their condition (i.e., potential risk, declining, death imminent, or dead). A total of 588 trees composed of 468 individually tagged trees, and 120 tallied trees (i.e., ranging from 5 cm to 20 cm DBH) within three tree groups are recommended for preservation.

As per the Town of Aurora's tree compensation guidelines, a total of 2,333 replacement trees or a total compensation value of \$453,423 are required to compensate for the removal of trees to accommodate the proposed development. And, as per York Region's compensation requirements, a total of 149 replacement trees or a compensation value of \$133,505.56 are required to compensate for the removal of trees within the RRA to accommodate the proposed development.

Should you have any comments regarding the above, or require clarification or modification, please do not hesitate to contact the undersigned at (905) 201-7622 ext. 236 (Torus).

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## 8. References

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Street Tree and Forest Preservation Guidelines. December 2016.
- Town of Aurora. 2015.  
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- Town of Aurora. 2015.  
Tree Removal/Pruning and Compensation Policy. June 2015.
- Town of Aurora. 2015.  
Tree Protection/Preservation Policy. June 2015.



# Appendix A

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## Limitations of Tree Assessment

# Appendix A

## Limitations of Tree Assessment

It is the policy of Beacon Environmental Limited 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

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## Tree Inventory Table

# Appendix B

## Tree Inventory Table

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
1	<i>Robinia pseudoacacia</i>	Black Locust	22, 6	3	Fair-Good	Two stems with a combined DBH of 23 cm.	N/A	Remove due to Development
3	<i>Picea glauca</i>	White Spruce	20	5	Good	One side shaded.	N/A	Remove due to Development
4	<i>Pinus sylvestris</i>	Scots Pine	20	3	Fair	Within group of conifers; Only top has needles.	N/A	Remove due to Development
5	<i>Pinus sylvestris</i>	Scots Pine	20	2	Fair-Good	Shaded.	N/A	Remove due to Development
6	<i>Picea glauca</i>	White Spruce	21	3	Fair-Good	Many lower branches dead; Shaded.	N/A	Remove due to Development
7	<i>Pinus sylvestris</i>	Scots Pine	22	4	Good	Lower branches dead.	N/A	Remove due to Development
8	<i>Picea glauca</i>	White Spruce	23	3	Good		N/A	Remove due to Development
9	<i>Pinus sylvestris</i>	Scots Pine	25	5	Good		N/A	Remove due to Development
10	<i>Picea glauca</i>	White Spruce	21	4	Good	Uneven canopy.	N/A	Remove due to Development
11	<i>Picea glauca</i>	White Spruce	24	4	Good		N/A	Remove due to Development
12	<i>Picea glauca</i>	White Spruce	22	4	Good		N/A	Remove due to Development
13	<i>Pinus sylvestris</i>	Scots Pine	24	3	Fair	Many lower branches dead; Shaded.	N/A	Remove due to Development
14	<i>Pinus sylvestris</i>	Scots Pine	23	3	Fair	Many lower branches dead; Shaded.	N/A	Remove due to Development
15	<i>Pinus sylvestris</i>	Scots Pine	25	3	Fair	Many lower branches dead; Shaded.	N/A	Remove due to Development
16	<i>Picea glauca</i>	White Spruce	21	4	Good		N/A	Remove due to Development
17	<i>Pinus sylvestris</i>	Scots Pine	23	3	Fair-Good	A few lower branches dead.	N/A	Remove due to Development
18	<i>Pinus sylvestris</i>	Scots Pine	27	4	Fair	Lower branches dead; Shaded.	N/A	Remove due to Development
19	<i>Pinus sylvestris</i>	Scots Pine	27	4	Good	Lower branches dead.	N/A	Remove due to Development
20	<i>Pinus sylvestris</i>	Scots Pine	26	6	Fair-Good	Lower branches dead.	N/A	Remove due to Development
21	<i>Pinus sylvestris</i>	Scots Pine	27	3	Fair	Lower branches dead.	N/A	Remove due to Development
22	<i>Picea glauca</i>	White Spruce	22	3	Good	Thin on one side; Shaded.	N/A	Remove due to Development
23	<i>Pinus strobus</i>	White Pine	26	6	Good		N/A	Remove due to Development
24	<i>Pinus sylvestris</i>	Scots Pine	22	4	Fair	Canopy thin; Lower branches dead.	N/A	Remove due to Development
25	<i>Pinus sylvestris</i>	Scots Pine	28	6	Good		N/A	Remove due to Development
26	<i>Picea glauca</i>	White Spruce	23	4	Good	Thin on one side; Shaded.	N/A	Remove due to Development
27	<i>Picea glauca</i>	White Spruce	25	4	Good	Thin on one side; Shaded.	N/A	Remove due to Development
28	<i>Picea glauca</i>	White Spruce	20	2	Fair	Shaded; Only top alive.	N/A	Remove due to Development
29	<i>Picea glauca</i>	White Spruce	29	4	Fair-Good	Shaded; Side branches dead.	N/A	Remove due to Development
30	<i>Picea glauca</i>	White Spruce	21	3	Fair	Top and part of one side has needles; Rest of branches dead.	N/A	Remove due to Development
31	<i>Picea glauca</i>	White Spruce	25	3	Poor-Fair	Thin canopy, many dead branches, shaded partially	N/A	Remove due to Condition
32	<i>Picea glauca</i>	White Spruce	21, 11	4	Good	Two stems with a combined DBH of 24 cm.	N/A	Remove due to Development
33	<i>Robinia pseudoacacia</i>	Black Locust	20	6	Fair	Wound in leader; Dead and broken branches.	N/A	Remove due to Development
34	<i>Picea glauca</i>	White Spruce	20	3	Fair-Good	One sided shaded; Dead branches.	N/A	Remove due to Development
35	<i>Picea glauca</i>	White Spruce	22	5	Fair-Good	One side partially shaded; Dead branches.	N/A	Remove due to Development
36	<i>Picea glauca</i>	White Spruce	24	5	Good		N/A	Remove due to Development
37	<i>Picea glauca</i>	White Spruce	20	4	Poor-Fair	Canopy thin; Poor vigour; Dead branches.	N/A	Remove due to Condition
38	<i>Picea glauca</i>	White Spruce	25	5	Fair-Good	One side shaded; Dead branches.	N/A	Remove due to Development
39	<i>Picea glauca</i>	White Spruce	24	6	Good		N/A	Remove due to Development
40	<i>Picea glauca</i>	White Spruce	27	6	Good		N/A	Remove due to Development
41	<i>Picea glauca</i>	White Spruce	27	5	Good		N/A	Remove due to Development
42	<i>Picea glauca</i>	White Spruce	21	4	Fair-Good	Chlorosis of needles.	N/A	Remove due to Development
43	<i>Picea glauca</i>	White Spruce	26	5	Good		N/A	Remove due to Development
44	<i>Picea glauca</i>	White Spruce	23	5	Good		N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
45	<i>Picea glauca</i>	White Spruce	25	6	Good		N/A	Remove due to Development
46	<i>Picea glauca</i>	White Spruce	24	5	Good	One side thin; Shaded.	N/A	Remove due to Development
47	<i>Picea glauca</i>	White Spruce	20	4	Good	One side thin; Shaded.	N/A	Remove due to Development
48	<i>Picea glauca</i>	White Spruce	24	6	Good	One side thin; Shaded.	N/A	Remove due to Development
49	<i>Picea glauca</i>	White Spruce	27	6	Good	One side thin; Shaded.	N/A	Remove due to Development
50	<i>Picea glauca</i>	White Spruce	21	4	Good	One side thin; Shaded.	N/A	Remove due to Development
52	<i>Picea glauca</i>	White Spruce	20	4	Good	One side thin; Shaded.	N/A	Remove due to Development
53	<i>Picea glauca</i>	White Spruce	24	5	Good	One side thin; Shaded.	N/A	Remove due to Development
54	<i>Picea glauca</i>	White Spruce	25	6	Good	One side thin; Shaded.	N/A	Remove due to Development
55	<i>Picea glauca</i>	White Spruce	25	7	Good	One side thin; Shaded.	N/A	Remove due to Development
56	<i>Picea glauca</i>	White Spruce	28	6	Good	One side thin; Shaded.	N/A	Remove due to Development
57	<i>Picea glauca</i>	White Spruce	23	4	Fair	One side thin; Shaded; Dead branches: Leader damaged.	N/A	Remove due to Development
58	<i>Picea glauca</i>	White Spruce	23	5	Good	One side thin; Shaded.	N/A	Remove due to Development
59	<i>Picea glauca</i>	White Spruce	23	4	Fair-Good	One side thin; Shaded; Dead branches.	N/A	Remove due to Development
60	<i>Picea glauca</i>	White Spruce	27	6	Good		N/A	Remove due to Development
61	<i>Picea glauca</i>	White Spruce	25	6	Good		N/A	Remove due to Development
62	<i>Picea glauca</i>	White Spruce	21	4	Fair	Many dead branches; Shaded; One side of tree dead.	N/A	Remove due to Development
63	<i>Picea glauca</i>	White Spruce	25	5	Good	One side thin; Shaded.	N/A	Remove due to Development
64	<i>Picea glauca</i>	White Spruce	23	6	Good	Thin on one side; Shaded.	N/A	Remove due to Development
65	<i>Picea glauca</i>	White Spruce	23	5	Fair-Good	One side thin; Shaded; Dead branches.	N/A	Remove due to Development
66	<i>Picea glauca</i>	White Spruce	26	5	Good	One side thin; Shaded.	N/A	Remove due to Development
67	<i>Picea glauca</i>	White Spruce	20	5	Good		N/A	Remove due to Development
68	<i>Picea glauca</i>	White Spruce	27	7	Good		N/A	Remove due to Development
69	<i>Picea glauca</i>	White Spruce	21	3	Good	One side thin; Shaded.	N/A	Remove due to Development
70	<i>Picea glauca</i>	White Spruce	24	5	Good	One side thin; Shaded.	N/A	Remove due to Development
71	<i>Picea glauca</i>	White Spruce	23	3	Poor	Very thin; Only top has live needles.	N/A	Remove due to Condition
72	<i>Picea glauca</i>	White Spruce	26	4	Good	One side thin; Shaded.	N/A	Remove due to Development
74	<i>Quercus rubra</i>	Red Oak	20	6	Fair-Good	Epicormic shoots.	N/A	Remove due to Development
75	<i>Quercus rubra</i>	Red Oak	21	6	Fair	Many dead branches; Trunk cracked.	N/A	Remove due to Development
76	<i>Acer saccharum</i>	Sugar Maple	29	4	Fair-Good	Trunk cracked; Dead branches.	N/A	Remove due to Development
77	<i>Juglans regia</i>	English Walnut	36	7	Poor-Fair	Large wound in trunk, canopy predominantly waterspouts, dead branches	N/A	Remove due to Condition
78	<i>Quercus rubra</i>	Red oak	30	8	Good		N/A	Remove due to Development
79	<i>Acer saccharinum</i>	Silver Maple	21	6	Good	Some dead branches.	N/A	Remove due to Development
80	<i>Acer platanoides</i>	Norway Maple	22	6	Good	Some dead branches.	N/A	Remove due to Development
81	<i>Acer saccharum</i>	Sugar Maple	22	7	Good		N/A	Remove due to Development
82	<i>Quercus rubra</i>	Red Oak	20	5	Fair	Many dead branches.	N/A	Remove due to Development
83	<i>Acer saccharinum</i>	Silver Maple	22	7	Good		N/A	Remove due to Development
84	<i>Tilia cordata</i>	Littleleaf Linden	31	6	Good		N/A	Remove due to Development
85	<i>Acer saccharum</i>	Sugar Maple	26	5	Fair-Good	Large wounds in trunk.	N/A	Remove due to Development
86	<i>Acer saccharum</i>	Sugar Maple	26	8	Good		N/A	Remove due to Development
87	<i>Acer saccharum</i>	Sugar Maple	29	6	Fair	Very large wound all the way up trunk; Crown showing good vigour.	N/A	Remove due to Development
88	<i>Salix fragilis</i>	Crack Willow	21	5	Good		N/A	Remove due to Development
89	<i>Salix fragilis</i>	Crack Willow	23, 21	7	Good	Codominant stems with a combined DBH of 31 cm.	N/A	Remove due to Development
90	<i>Salix fragilis</i>	Crack Willow	22	5	Good		N/A	Remove due to Development
91	<i>Acer x freemanii</i>	Freeman's Maple	39, 34	10	Fair	Two stems with a combined DBH of 52 cm; Stems fork below breast height; Larger of two stems dead.	N/A	Remove due to Development
92	<i>Picea pungens</i>	Colorado Blue Spruce	61	12	Good	Good form and vigour.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
93	<i>Picea pungens</i>	Colorado Blue Spruce	30	6	Fair	Moderate dieback and thinning .	N/A	Remove due to Development
98	<i>Quercus rubra</i>	Red Oak	21	7	Good	Good vigour.	N/A	Remove due to Development
99	<i>Fraxinus americana</i>	White Ash	50, 70	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
100	<i>Pinus strobus</i>	White Pine	47	9	Good	Good form and vigour.	N/A	Remove due to Development
101	<i>Pinus strobus</i>	White Pine	40	10	Good	Good form and vigour.	N/A	Remove due to Development
102	<i>Pinus nigra</i>	Austrian Pine	34	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
103	<i>Acer saccharinum</i>	Silver Maple	27, 34, 32	10	Fair-Good	Three stems with a combined DBH of 54 cm; Good vigour; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
104	<i>Quercus rubra</i>	Red Oak	24	5	Good	Good vigour; Relatively small crown.	N/A	Remove due to Development
105	<i>Fraxinus americana</i>	White Ash	19, 15	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
106	<i>Pinus sylvestris</i>	Scots Pine	25	4	Fair	Needles limited to very top of crown.	N/A	Remove due to Development
107	<i>Picea pungens</i>	Colorado Blue Spruce	38	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
108	<i>Fraxinus americana</i>	White Ash	23	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
109	<i>Picea pungens</i>	Colorado Blue Spruce	35	6	Fair-Good	Minor dieback due to suppression from adjacent trees.	N/A	Remove due to Development
110	<i>Fraxinus americana</i>	White Ash	25	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
111	<i>Picea glauca</i>	White Spruce	40	6	Good	Good form and vigour.	N/A	Remove due to Development
112	<i>Pinus strobus</i>	White Pine	37	10	Good	Some suppression from neighbouring trees.	N/A	Remove due to Development
113	<i>Picea abies</i>	Norway Spruce	37	8	Good	Good form and vigour.	N/A	Remove due to Development
114	<i>Picea abies</i>	Norway Spruce	30	6	Fair-Good	Some dieback due to overcrowding.	N/A	Remove due to Development
115	<i>Picea abies</i>	Norway Spruce	17, 24	5	Fair-Good	Two stems with a combined DBH of 29 cm; Minor dieback due to overcrowding.	N/A	Remove due to Development
116	<i>Picea abies</i>	Norway Spruce	37	7	Good	Good form and vigour.	N/A	Remove due to Development
117	<i>Pinus strobus</i>	White Pine	26	5	Fair-Good	Relatively small crown; Dieback due to overcrowding.	N/A	Remove due to Development
118	<i>Fraxinus americana</i>	White Ash	39, 40	NA	Dead	Dead as a result of infestation from EAB.	N/A	Remove due to Condition
119	<i>Pinus strobus</i>	White Pine	22	5	Fair	Partially smothered by grapevines.	N/A	Remove due to Development
120	<i>Fraxinus americana</i>	White Ash	66	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
121	<i>Pinus strobus</i>	White Pine	29	6	Poor	Significant dieback and chlorosis of needles.	N/A	Remove due to Condition
122	<i>Pinus strobus</i>	White Pine	31	4	Poor	Significant dieback and chlorosis of needles.	N/A	Remove due to Condition
123	<i>Pinus strobus</i>	White Pine	30	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
124	<i>Juglans nigra</i>	Black Walnut	39	10	Good	Good form and vigour.	N/A	Remove due to Development
125	<i>Juglans nigra</i>	Black Walnut	53	12	Fair-Good	Minor dieback.	N/A	Remove due to Development
126	<i>Pinus sylvestris</i>	Scots Pine	21	NA	Dead	Standing snag.	N/A	Remove due to Condition
127	<i>Pinus strobus</i>	White Pine	33	5	Poor	Tree declining in health; Significant dieback and chlorosis of needles.	N/A	Remove due to Condition
128	<i>Pinus strobus</i>	White Pine	44	6	Fair	Moderate dieback and thinning; Chlorosis of needles.	N/A	Remove due to Development
129	<i>Pinus strobus</i>	White Pine	22	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
130	<i>Pinus strobus</i>	White Pine	40	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
131	<i>Pinus strobus</i>	White Pine	48	7	Fair	Moderate dieback and chlorosis of needles.	N/A	Remove due to Development
132	<i>Juglans nigra</i>	Black Walnut	27	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
133	<i>Pinus strobus</i>	White Pine	40	12	Good	Good form and vigour.	N/A	Remove due to Development
134	<i>Pinus strobus</i>	White Pine	37	5	Fair	Moderate dieback and thinning; Relatively small crown.	N/A	Remove due to Development
135	<i>Pinus strobus</i>	White Pine	33	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
136	<i>Pinus strobus</i>	White Pine	42	5	Fair	Moderate dieback and thinning due to overcrowding; Some chlorosis of needles.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
137	<i>Picea abies</i>	Norway Spruce	38	6	Good	Good form and vigour.	N/A	Remove due to Development
138	<i>Picea abies</i>	Norway Spruce	27	5	Fair-Good	Dieback due to overcrowding.	N/A	Remove due to Development
139	<i>Pinus sylvestris</i>	Scots Pine	35	5	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
140	<i>Pinus nigra</i>	Austrian Pine	30	5	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
141	<i>Pinus sylvestris</i>	Scots Pine	44	11	Fair-Good	Minor dieback in lower half of tree due to overcrowding.	N/A	Remove due to Development
142	<i>Pinus nigra</i>	Austrian Pine	25	5	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
143	<i>Picea abies</i>	Norway Spruce	34	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
144	<i>Picea abies</i>	Norway Spruce	29	5	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
145	<i>Picea abies</i>	Norway Spruce	33	5	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
146	<i>Picea abies</i>	Norway Spruce	25	5	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
147	<i>Pinus sylvestris</i>	Scots Pine	25, 20	5	Fair	Two stems with a combined DBH of 32 cm; Stems fork near ground; Moderate dieback due to overcrowding.	N/A	Remove due to Development
148	<i>Pinus strobus</i>	White Pine	21	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
149	<i>Pinus strobus</i>	White Pine	41	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
150	<i>Pinus sylvestris</i>	Scots Pine	30	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
151	<i>Picea abies</i>	Norway Spruce	25	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
152	<i>Pinus strobus</i>	White Pine	34	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
153	<i>Pinus strobus</i>	White Pine	42	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
154	<i>Picea abies</i>	Norway Spruce	38	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
155	<i>Picea abies</i>	Norway Spruce	24	5	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
156	<i>Pinus strobus</i>	White Pine	46	5	Poor	Relatively small crown; Significant dieback and chlorosis of needles.	N/A	Remove due to Condition
157	<i>Pinus strobus</i>	White Pine	23	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
158	<i>Pinus strobus</i>	White Pine	21	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
159	<i>Pinus sylvestris</i>	Scots Pine	28	4	Fair-Good	Canopy entirely on west side of tree.	N/A	Remove due to Development
160	<i>Pinus nigra</i>	Austrian Pine	35	5	Fair	Moderate dieback and thinning due to overcrowding.	N/A	Remove due to Development
161	<i>Picea abies</i>	Norway Spruce	25	5	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
162	<i>Pinus strobus</i>	White Pine	30	6	Fair	Moderate dieback and chlorosis of needles.	N/A	Remove due to Development
163	<i>Pinus strobus</i>	White Pine	44	7	Fair-Good	Good form; Early stage of chlorosis of needles.	N/A	Remove due to Development
164	<i>Pinus strobus</i>	White Pine	39	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
165	<i>Pinus strobus</i>	White Pine	25	5	Good	Good form and vigour.	N/A	Remove due to Development
166	<i>Pinus nigra</i>	Austrian Pine	21	5	Poor-Fair	Moderate dieback.	N/A	Remove due to Condition
167	<i>Fraxinus americana</i>	White Ash	54	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
168	<i>Ulmus americana</i>	American Elm	29	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
169	<i>Pinus strobus</i>	White Pine	22	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
170	<i>Thuja occidentalis</i>	Eastern White Cedar	21	4	Fair	Noticeable thinning in upper crown.	N/A	Remove due to Development
171	<i>Picea glauca</i>	White Spruce	31	6	Good	Good form and vigour.	N/A	Remove due to Development
172	<i>Picea glauca</i>	White Spruce	27	5	Fair	Moderate dieback and thinning due to overcrowding.	N/A	Remove due to Development
173	<i>Pinus strobus</i>	White Pine	44	8	Fair-Good	Minor dieback; Good vigour.	N/A	Remove due to Development
174	<i>Fraxinus americana</i>	White Ash	41	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
175	<i>Fraxinus americana</i>	White Ash	49, 30	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
176	<i>Prunus serotina</i>	Black Cherry	21	5	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
177	<i>Juglans nigra</i>	Black Walnut	28	7	Good	Good form and vigour.	N/A	Remove due to Development
178	<i>Picea glauca</i>	White Spruce	22	5	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
179	<i>Malus sp.</i>	Apple	17, 20, 18	6	Fair-Good	Three stems with a combined DBH of 32 cm; Stems fork below breast height; Minor dieback and thinning.	N/A	Remove due to Development
180	<i>Picea glauca</i>	White Spruce	37	8	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
181	<i>Fraxinus americana</i>	White Ash	50	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
182	<i>Pinus strobus</i>	White Pine	36	N/A	Dead		N/A	Remove due to Condition
183	<i>Pinus strobus</i>	White Pine	23	5	Poor	Significant dieback and thinning	N/A	Remove due to Condition
184	<i>Pinus strobus</i>	White Pine	40	7	Fair	Moderate dieback due to overcrowding	N/A	Remove due to Development
185	<i>Pinus strobus</i>	White Pine	26	6	Fair	Moderate dieback due to overcrowding	N/A	Remove due to Development
186	<i>Pinus strobus</i>	White Pine	33	5	Fair	Moderate dieback due to overcrowding	N/A	Remove due to Development
187	<i>Pinus strobus</i>	White Pine	39	6	Fair	Moderate dieback due to overcrowding	N/A	Remove due to Development
188	<i>Malus sp.</i>	Crabapple	11	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
189	<i>Malus sp.</i>	Crabapple	12	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
190	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
191	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
192	<i>Malus sp.</i>	Crabapple	12	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
193	<i>Acer saccharum</i>	Sugar Maple	26	7	Good	Good form and vigour.	N/A	Remove due to Development
194	<i>Malus sp.</i>	Crabapple	13	4	Poor	Almost dead.	N/A	Remove due to Condition
195	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
196	<i>Malus sp.</i>	Crabapple	15	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
197	<i>Malus sp.</i>	Crabapple	12	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
198	<i>Picea pungens</i>	Colorado Blue Spruce	14	3	Fair	Moderate dieback and chlorosis of needles.	N/A	Remove due to Development
199	<i>Malus sp.</i>	Crabapple	13	4	Poor	Almost dead.	N/A	Remove due to Condition
200	<i>Malus sp.</i>	Crabapple	10	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
201	<i>Acer platanoides</i>	Norway Maple	61	10	Poor-Fair	Large dead stem; Uneven canopy; Stems fork above breast height; Included bark; Tree declining in health.	N/A	Remove due to Condition
202	<i>Malus sp.</i>	Apple	45	10	Poor-Fair	Tree declining in health; Hollow rotting cavity at base of tree; Epicormic growth.	N/A	Remove due to Condition
203	<i>Malus sp.</i>	Apple	28, 28, 28	11	Fair	Three stems with a combined DBH of 48 cm; Moderate dieback and thinning; Stems fork just below breast height; Cavity at base of trunk; Epicormic growth.	N/A	Remove due to Development
204	<i>Malus sp.</i>	Apple	31, 36, 34, 27, 41	16	Fair	Multi-stemmed with a combined DBH of 76 cm; Stems fork below breast height; Included bark at stem union; Epicormic growth; Moderate dieback and thinning.	N/A	Remove due to Development
205	<i>Malus sp.</i>	Apple	50, 49	10	Poor	Two stems with a combined DBH of 70 cm; Stems fork below breast height near ground; Potential risk tree as both stems significantly hollow and leaning in opposite directions.	N/A	Remove due to Condition
206	<i>Pinus nigra</i>	Austrian Pine	62	18	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
207	<i>Acer platanoides</i>	Norway Maple	42	10	Fair-Good	Minor dieback and thinning; Some vertical cracks along trunk.	N/A	Remove due to Development
208	<i>Pinus nigra</i>	Austrian Pine	73	12	Fair-Good	Some dead and dying lower lateral branches; Minor dieback and chlorosis of needles.	N/A	Remove due to Development
209	<i>Fraxinus americana</i>	White Ash	89	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
210	<i>Fraxinus americana</i>	White Ash	54	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
211	<i>Fraxinus americana</i>	White Ash	40, 40, 40, 35	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
212	<i>Robinia pseudoacacia</i>	Black Locust	70	7	Poor	Tree almost dead; Significant number of cavities; Peeling bark; Relatively small crown.	N/A	Remove due to Condition
213	<i>Acer platanoides</i>	Norway Maple	120	24	Fair-Good	Minor dieback and thinning; Tree in good condition.	N/A	Remove due to Development
214	<i>Picea abies</i>	Norway Spruce	71	12	Good	Good form and vigour.	N/A	Remove due to Development
215	<i>Picea abies</i>	Norway Spruce	60	12	Good	Good form and vigour.	N/A	Remove due to Development



Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
216	<i>Picea abies</i>	Norway Spruce	59	12	Good	Good form and vigour.	N/A	Remove due to Development
217	<i>Picea abies</i>	Norway Spruce	73	10	Fair	Top of crown dead suggesting potential root issues; The remaining portion of tree healthy.	N/A	Remove due to Development
218	<i>Larix decidua</i>	European Larch	54	7	Fair	Trees leaning towards the south; Suppressed on north side of tree.	4.5	Preserve
219	<i>Larix decidua</i>	European Larch	32	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
220	<i>Larix decidua</i>	European Larch	39	7	Fair-Good	Corrected lean; Minor dieback and thinning; Suppressed on north side of tree.	3.6	Preserve
221	<i>Larix decidua</i>	European Larch	23	5	Fair-Good	Corrected lean; Relatively small crown.	2.4	Preserve
222	<i>Fraxinus americana</i>	White Ash	52, 79	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
223	<i>Larix decidua</i>	European Larch	16	4	Fair-Good	Some minor dieback.	2.4	Preserve
224	<i>Larix decidua</i>	European Larch	55	14	Fair-Good	Corrected lean; Suppressed on north side of tree.	N/A	Remove due to Development
225	<i>Larix decidua</i>	European Larch	22	4	Fair-Good		N/A	Remove due to Development
226	<i>Larix decidua</i>	European Larch	41	14	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
227	<i>Larix decidua</i>	European Larch	60	12	Fair-Good	Suppressed growth on east side of tree.	N/A	Remove due to Development
228	<i>Picea abies</i>	Norway Spruce	38	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
229	<i>Picea abies</i>	Norway Spruce	64	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
230	<i>Picea abies</i>	Norway Spruce	53	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
231	<i>Picea abies</i>	Norway Spruce	61	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
232	<i>Thuja occidentalis</i>	Eastern White Cedar	29, 20	5	Good	Two stems with a combined DBH of 35 cm; Stems fork near ground.	N/A	Remove due to Development
233	<i>Picea abies</i>	Norway Spruce	58	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
234	<i>Picea abies</i>	Norway Spruce	59	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
235	<i>Picea abies</i>	Norway Spruce	51	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
236	<i>Picea abies</i>	Norway Spruce	68	14	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
237	<i>Picea abies</i>	Norway Spruce	42	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
238	<i>Picea abies</i>	Norway Spruce	12	4	Good	Good form and vigour.	N/A	Remove due to Development
239	<i>Picea abies</i>	Norway Spruce	40	10	Good	Minor dieback and thinning.	N/A	Remove due to Development
240	<i>Picea abies</i>	Norway Spruce	57	10	Good	Minor dieback and thinning.	N/A	Remove due to Development
241	<i>Picea abies</i>	Norway Spruce	54	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
242	<i>Picea abies</i>	Norway Spruce	53	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
243	<i>Picea abies</i>	Norway Spruce	53	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
244	<i>Acer platanoides</i>	Norway Maple	6	2	Good	Good form and vigour.	N/A	Remove due to Development
245	<i>Picea abies</i>	Norway Spruce	58	10	Good	Minor dieback and thinning.	N/A	Remove due to Development
246	<i>Picea abies</i>	Norway Spruce	50	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
247	<i>Picea abies</i>	Norway Spruce	55	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
248	<i>Picea abies</i>	Norway Spruce	45	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
249	<i>Picea abies</i>	Norway Spruce	47	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
250	<i>Picea abies</i>	Norway Spruce	51	9	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
251	<i>Picea abies</i>	Norway Spruce	48	8	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
252	<i>Picea abies</i>	Norway Spruce	45	9	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
253	<i>Picea abies</i>	Norway Spruce	46	5	Poor-Fair	Tree slightly leaning towards the south; Leader snapped with live branches on south side of tree.	N/A	Remove due to Condition
254	<i>Malus sp.</i>	Norway Spruce	34	4	Poor-Fair	Significant dieback and thinning; Hollow trunk; Epicormic growth.	N/A	Remove due to Condition
255	<i>Malus sp.</i>	Apple	40, 23	6	Poor-Fair	Two stems with a combined DBH of 46 cm; Moderate dieback and thinning; Stems fork below breast height.	N/A	Remove due to Condition
256	<i>Fraxinus americana</i>	White Ash	76	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
257	<i>Picea glauca</i>	White Spruce	20	5	Good	Good form and vigour.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
258	<i>Malus sp.</i>	Apple	66	8	Fair	Moderate dieback and thinning; Stems fork above breast height; Rotting cavity where stem was present.	N/A	Remove due to Development
259	<i>Ulmus americana</i>	American Elm	55	14	Fair-Good	Minor dieback and thinning; Two stems that fork above breast height; Smothered by grapevines.	N/A	Remove due to Development
260	<i>Acer saccharinum</i>	Silver Maple	23, 50	14	Fair-Good	Two stems with a combined DBH of 55 cm; Stems fork at breast height; Included bark at stem union.	N/A	Remove due to Development
261	<i>Acer saccharinum</i>	Silver Maple	56	10	Fair-Good	Relatively small crown; Good vigour.	N/A	Remove due to Development
262	<i>Juglans nigra</i>	Black Walnut	8	4	Fair-Good	Some peeling bark on lateral branch.	N/A	Remove due to Development
263	<i>Acer saccharinum</i>	Silver Maple	28, 22	8	Fair	Two stems with a combined DBH of 36 cm; Smaller stem dead; Cavity at stem union.	N/A	Remove due to Development
264	<i>Acer saccharinum</i>	Silver Maple	36	12	Fair-Good	Corrected lean; Good vigour.	N/A	Remove due to Development
265	<i>Acer saccharinum</i>	Silver Maple	41, 40, 30, 30, 13	12	Fair-Good	Multi-stemmed with a combined DBH of 72 cm; Minor dieback and thinning; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
266	<i>Juglans nigra</i>	Black Walnut	7	3	Good	Good form and vigour; Smothered by grapevines.	N/A	Remove due to Development
267	<i>Acer saccharinum</i>	Silver Maple	48, 30, 35, 30	12	Fair-Good	Multi-stemmed with a combined DBH of 73 cm; Stems fork below breast height; Included bark at stem union.	N/A	Remove due to Development
268	<i>Malus sp.</i>	Apple	16	5	Good	Good form and vigour.	N/A	Remove due to Development
269	<i>Juglans nigra</i>	Black Walnut	9	4	Good	Fallen branch resting in crown; Good vigour and form.	N/A	Remove due to Development
270	<i>Acer saccharinum</i>	Silver Maple	48, 36	14	Fair-Good	Two stems with a combined DBH of 60 cm; Stems fork just below breast height; Included bark at stem union.	N/A	Remove due to Development
271	<i>Acer saccharinum</i>	Silver Maple	31, 34, 50	14	Fair	Three stems with a combined DBH of 68 cm; Moderate dieback and thinning; Some dead or dying lateral branches.	N/A	Remove due to Development
272	<i>Juglans nigra</i>	Black Walnut	23	7	Good	Good form and vigour.	N/A	Remove due to Development
273	<i>Sorbus aucuparia</i>	European Mountain-ash	42, 25	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
274	<i>Acer saccharinum</i>	Silver Maple	25, 25, 24, 30, 22	10	Poor-Fair	Multi-stemmed with a combined DBH of 57 cm; Stems fork near ground; Central stem snapped and two others are dead and have fallen over.	N/A	Remove due to Condition
275	<i>Acer saccharinum</i>	Silver Maple	17, 41	12	Fair-Good	Two stems with a combined DBH of 44 cm; Minor dieback and thinning; Stems fused together.	N/A	Remove due to Development
276	<i>Juglans nigra</i>	Austrian Pine	20	7	Good	Good vigour; Suppressed by neighbouring tree.	N/A	Remove due to Development
277	<i>Juglans nigra</i>	Austrian Pine	27	10	Good	Good form and vigour.	N/A	Remove due to Development
278	<i>Populus tremuloides</i>	Trembling Aspen	50	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
279	<i>Juglans nigra</i>	Black Walnut	28	10	Good	Good form and vigour.	N/A	Remove due to Development
280	<i>Acer saccharinum</i>	Silver Maple	49, 36, 40	14	Fair	Three stems with a combined DBH of 73 cm; Moderate dieback and thinning; Stems fork just below breast height.	N/A	Remove due to Development
281	<i>Acer saccharinum</i>	Silver Maple	41, 29, 35, 50	14	Fair	Multi-stemmed with a combined DBH of 79 cm; Moderate dieback and thinning; Stems fork just below breast height; Included bark at stem union.	N/A	Remove due to Development
282	<i>Pinus sylvestris</i>	Scots Pine	20	5	Fair-Good	Good vigour; Trunk girdling into rope wrapped around trunk.	N/A	Remove due to Development
283	<i>Fraxinus pennsylvanica</i>	Green Ash	16	3	Fair	Relatively small crown; Corrected lean.	N/A	Remove due to Development
284	<i>Juglans nigra</i>	Black Walnut	28	12	Fair-Good	Suppressed by neighbouring tree.	N/A	Remove due to Development
285	<i>Fraxinus americana</i>	White Ash	10	3	Poor-Fair	Tree declining in health likely due to EAB.	N/A	Remove due to Condition
286	<i>Picea glauca</i>	White Spruce	21	6	Good	Good form and vigour.	N/A	Remove due to Development
287	<i>Fraxinus americana</i>	White Ash	26	26	Fair	Declining in health likely due to EAB; Woodpecker damage to trunk.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
288	<i>Malus sp.</i>	Apple	12, 15	7	Fair	Two stems with a combined DBH of 19 cm; Moderate dieback and thinning.	N/A	Remove due to Development
289	<i>Fraxinus americana</i>	White Ash	22	5	Poor-Fair	Declining in health likely due to EAB; Epicormic growth and woodpecker damage.	N/A	Remove due to Condition
290	<i>Quercus rubra</i>	Red Oak	16	4	Good	Good vigour; Relatively small crown.	N/A	Remove due to Development
291	<i>Morus alba</i>	White Mulberry	22, 15	7	Good	Two stems with a combined DBH of 27 cm; Good form and vigour; Stems fork below breast height; Included bark.	N/A	Remove due to Development
292	<i>Juglans nigra</i>	Black Walnut	29	12	Good	Good form and vigour.	N/A	Remove due to Development
293	<i>Fraxinus americana</i>	White Ash	68	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
294	<i>Acer platanoides</i>	Norway Maple	29	10	Fair-Good	Suppressed from neighbouring ash tree.	N/A	Remove due to Development
295	<i>Acer saccharum</i>	Sugar Maple	27	7	Good	Good vigour; Relatively small crown.	N/A	Remove due to Development
296	<i>Fraxinus americana</i>	White Ash	55	NA	Dead	Potential risk tree within staked woodland edge.	N/A	Remove due to Condition
297	<i>Juniperus virginiana</i>	Red Cedar	18	6	Good	Good form and vigour; Within buffer to staked woodland.	2.4	Preserve
298	<i>Ulmus americana</i>	American Elm	22	6	Good	Good form and vigour.	N/A	Remove due to Development
299	<i>Ulmus americana</i>	American Elm	23	6	Good	Good form and vigour.	N/A	Remove due to Development
300	<i>Juniperus virginiana</i>	Red Cedar	27	5	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
301	<i>Ulmus americana</i>	American Elm	24	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
302	<i>Pinus sylvestris</i>	Scots Pine	20	5	Good	Good form and vigour.	N/A	Remove due to Development
303	<i>Ulmus americana</i>	American Elm	20	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
304	<i>Pinus sylvestris</i>	Scots Pine	24	6	Good	Good form and vigour.	N/A	Remove due to Development
305	<i>Pinus sylvestris</i>	Scots Pine	30	7	Good	Good form and vigour.	N/A	Remove due to Development
306	<i>Pinus sylvestris</i>	Scots Pine	30	7	Good	Good form and vigour.	N/A	Remove due to Development
307	<i>Pinus sylvestris</i>	Scots Pine	44	8	Fair-Good	Good vigour; Stems fork above breast height; Large split at base of one of the stems.	N/A	Remove due to Development
308	<i>Ulmus americana</i>	American Elm	20	3	Poor-Fair	Tree declining in health; Peeling bark and many dead stems.	N/A	Remove due to Condition
309	<i>Ulmus americana</i>	American Elm	29	6	Fair	Moderate dieback and thinning; Smothered by grapevines.	N/A	Remove due to Development
310	<i>Ulmus americana</i>	American Elm	30	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
311	<i>Pinus sylvestris</i>	Scots Pine	30, 27	8	Good	Two stems with a combined DBH of 40 cm; Stems fork below breast height; Included bark at stem union.	N/A	Remove due to Development
312	<i>Pinus sylvestris</i>	Scots Pine	27	7	Good	Good form and vigour.	N/A	Remove due to Development
313	<i>Pinus sylvestris</i>	Scots Pine	34	9	Good	Good form and vigour.	N/A	Remove due to Development
314	<i>Pinus sylvestris</i>	Scots Pine	38	8	Good	Good form and vigour.	N/A	Remove due to Development
315	<i>Pinus sylvestris</i>	Scots Pine	28	8	Good	Good form and vigour.	N/A	Remove due to Development
316	<i>Betula papyrifera</i>	White Birch	30	6	Good	Good form and vigour.	N/A	Remove due to Development
317	<i>Pinus strobus</i>	White Pine	49	12	Good	Good form and vigour.	N/A	Remove due to Development
318	<i>Ulmus americana</i>	American Elm	21	6	Good	Good form and vigour.	N/A	Remove due to Development
319	<i>Pinus sylvestris</i>	Scots Pine	26, 20, 25	8	Good	Three stems with a combined DBH of 41 cm; Stems fused together; Good vigour.	N/A	Remove due to Development
320	<i>Pinus sylvestris</i>	Scots Pine	30	8	Good	Good form and vigour.	N/A	Remove due to Development
321	<i>Pinus sylvestris</i>	Scots Pine	27	7	Good	Good form and vigour.	N/A	Remove due to Development
322	<i>Pinus sylvestris</i>	Scots Pine	25	7	Good	Good form and vigour.	N/A	Remove due to Development
323	<i>Pinus sylvestris</i>	Scots Pine	41	8	Good	Good form and vigour.	N/A	Remove due to Development
324	<i>Pinus sylvestris</i>	Scots Pine	25	5	Good	Good form and vigour.	N/A	Remove due to Development
325	<i>Pinus sylvestris</i>	Scots Pine	23	5	Good	Good form and vigour.	N/A	Remove due to Development
326	<i>Pinus sylvestris</i>	Scots Pine	26	6	Good	Good form and vigour.	N/A	Remove due to Development
327	<i>Pinus sylvestris</i>	Scots Pine	23	4	Good	Relatively small crown.	N/A	Remove due to Development
328	<i>Pinus sylvestris</i>	Scots Pine	25	5	Good	Good form and vigour.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
329	<i>Ulmus americana</i>	American Elm	26	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
330	<i>Pinus sylvestris</i>	Scots Pine	35	8	Good	Good form and vigour.	N/A	Remove due to Development
331	<i>Pinus sylvestris</i>	Scots Pine	26	4	Good	Relatively small crown.	N/A	Remove due to Development
332	<i>Pinus sylvestris</i>	Scots Pine	22	4	Good	Relatively small crown.	N/A	Remove due to Development
333	<i>Pinus sylvestris</i>	Scots Pine	27	5	Good	Good form and vigour.	N/A	Remove due to Development
334	<i>Pinus sylvestris</i>	Scots Pine	20	5	Good	Good form and vigour.	N/A	Remove due to Development
335	<i>Pinus sylvestris</i>	Scots Pine	22	5	Good	Good form and vigour.	N/A	Remove due to Development
336	<i>Pinus sylvestris</i>	Scots Pine	29	7	Good	Good form and vigour.	N/A	Remove due to Development
337	<i>Pinus sylvestris</i>	Scots Pine	22	5	Good	Good form and vigour.	N/A	Remove due to Development
338	<i>Ulmus americana</i>	American Elm	21	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
339	<i>Pinus sylvestris</i>	Scots Pine	45	12	Good	Good form and vigour.	N/A	Remove due to Development
340	<i>Pinus sylvestris</i>	Scots Pine	26	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
341	<i>Quercus macrocarpa</i>	Bur Oak	59	14	Good	Good form and vigour.	N/A	Remove due to Development
342	<i>Pinus nigra</i>	Austrian Pine	35	7	Fair	Moderate dieback and chlorosis of needles.	N/A	Remove due to Development
343	<i>Picea abies</i>	Norway Spruce	56	9	Good	Good vigour; Suppressed by neighbouring trees.	N/A	Remove due to Development
344	<i>Pinus strobus</i>	White Pine	42	5	Poor	Significant dieback and thinning; Tree almost dead.	N/A	Remove due to Condition
345	<i>Pinus nigra</i>	Austrian Pine	30	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
346	<i>Pinus nigra</i>	Austrian Pine	31	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
347	<i>Pinus nigra</i>	Austrian Pine	34	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
348	<i>Pinus strobus</i>	White Pine	43	8	Fair-Good	Good vigour; Suppressed by neighbouring trees.	N/A	Remove due to Development
349	<i>Thuja occidentalis</i>	Eastern White Cedar	32	6	Good	Good form and vigour.	N/A	Remove due to Development
350	<i>Pinus strobus</i>	White Pine	54	10	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
351	<i>Pinus strobus</i>	White Pine	53	10	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
352	<i>Pinus nigra</i>	Austrian Pine	31	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
353	<i>Pinus strobus</i>	White Pine	46	12	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
354	<i>Pinus strobus</i>	White Pine	43	12	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
355	<i>Picea abies</i>	Norway Spruce	41	5	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
356	<i>Pinus nigra</i>	Austrian Pine	31	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
357	<i>Pinus strobus</i>	White Pine	52	12	Good	Good form and vigour.	N/A	Remove due to Development
358	<i>Pinus strobus</i>	White Pine	52	12	Good	Good form and vigour.	N/A	Remove due to Development
359	<i>Pinus strobus</i>	White Pine	48	10	Good	Good form and vigour.	N/A	Remove due to Development
360	<i>Pinus strobus</i>	White Pine	33, 30, 31, 52	10	Fair	Multi-stemmed with a combined DBH of 75 cm; Moderate dieback and thinning; Rotting cavities at base of tree; Included bark at stem union.	N/A	Remove due to Development
361	<i>Gleditsia triacanthos var inermis var inermis</i>	Thornless Honey Locust	14	5	Poor	Significant dieback and thinning.	N/A	Remove due to Condition
362	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
363	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	20	7	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
364	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
365	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
366	<i>Pinus nigra</i>	Austrian Pine	27	5	Poor-Fair	Tree declining in health; Significant dieback and thinning.	N/A	Remove due to Condition
367	<i>Pinus strobus</i>	White Pine	53	10	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
368	<i>Pinus strobus</i>	White Pine	60	10	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
369	<i>Pinus strobus</i>	White Pine	40	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
370	<i>Pinus strobus</i>	White Pine	33	NA	Dead	Dead tree with leader cut.	N/A	Remove due to Condition
371	<i>Pinus strobus</i>	White Pine	53	8	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
372	<i>Pinus strobus</i>	White Pine	23	7	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
373	<i>Pinus strobus</i>	White Pine	47	10	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
374	<i>Pinus strobus</i>	White Pine	42	10	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
375	<i>Pinus nigra</i>	Austrian Pine	35	5	Fair	Moderate dieback; Relatively small crown; Suppressed by neighbouring trees.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
376	<i>Quercus macrocarpa</i>	Bur Oak	21	5	Fair-Good	Relatively small crown; Suppressed by neighbouring trees.	N/A	Remove due to Development
377	<i>Thuja occidentalis</i>	Eastern White Cedar	22, 19	5	Fair-Good	Codominant stems with a combined DBH of 29 cm; Minor dieback and thinning; Stems fork near ground.	N/A	Remove due to Development
378	<i>Thuja occidentalis</i>	Eastern White Cedar	27	5	Fair	Moderate dieback; Suppressed by neighbouring trees.	N/A	Remove due to Development
379	<i>Acer negundo</i>	Manitoba Maple	27	7	Fair	Moderate dieback and thinning; Epicormic growth along trunk.	N/A	Remove due to Development
380	<i>Pinus strobus</i>	White Pine	41	12	Fair-Good	Suppressed by neighbouring trees.	N/A	Remove due to Development
381	<i>Fraxinus americana</i>	American Elm	25	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
382	<i>Fraxinus americana</i>	White Ash	22	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
383	<i>Thuja occidentalis</i>	Eastern White Cedar	22, 19	6	Good	Codominant stems with a combined DBH of 29 cm; Good form and vigour; Stems fork near ground.	N/A	Remove due to Development
384	<i>Thuja occidentalis</i>	Eastern White Cedar	20, 27	6	Good	Two stems with a combined DBH of 34 cm; Good form and vigour; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
385	<i>Fraxinus americana</i>	White Ash	24	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
387	<i>Fraxinus americana</i>	White Ash	32	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
388	<i>Acer saccharum</i>	Sugar Maple	53	12	Good	Good form and vigour.	N/A	Remove due to Development
389	<i>Acer saccharum</i>	Sugar Maple	72	14	Fair	Moderate dieback and thinning; Central leader dead.; Stems fork above breast height.	N/A	Remove due to Development
390	<i>Quercus macrocarpa</i>	Bur Oak	41	10	Fair	Good form and vigour; Relatively small crown.	N/A	Remove due to Development
391	<i>Acer saccharum</i>	Sugar Maple	47	12	Good	Good form and vigour.	N/A	Remove due to Development
392	<i>Quercus macrocarpa</i>	Bur Oak	27	10	Good	Good form and vigour; Relatively small crown.	N/A	Remove due to Development
393	<i>Acer saccharum</i>	Sugar Maple	23, 29	10	Good	Codominant stems with a combined DBH of 37 cm; Stems fork below breast height; Included bark at stem union.	N/A	Remove due to Development
394	<i>Juglans nigra</i>	Black Walnut	13, 15	5	Good	Codominant stems with a combined DBH of 20 cm; Good vigour; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
395	<i>Juglans nigra</i>	Black Walnut	24	7	Good	Good form and vigour.	N/A	Remove due to Development
396	<i>Fraxinus americana</i>	White Ash	28	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
397	<i>Acer saccharum</i>	Sugar Maple	22	6	Good	Relatively small crown; Partially smothered by grapevines.	N/A	Remove due to Development
398	<i>Pinus strobus</i>	White Pine	36	5	Poor	Leader cut with significant dieback and thinning.	N/A	Remove due to Condition
399	<i>Juglans nigra</i>	Black Walnut	26	7	Good	Good form and vigour; Partially smothered by grapevines.	N/A	Remove due to Development
400	<i>Acer saccharum</i>	Sugar Maple	34, 35, 25, 30	12	Fair	Multi-stemmed with a combined DBH of 62 cm; Moderate dieback and thinning; Cavities on trunk.	N/A	Remove due to Development
401	<i>Malus sp.</i>	Crabapple	9	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
402	<i>Malus sp.</i>	Crabapple	10	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
403	<i>Malus sp.</i>	Crabapple	13	NA	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
404	<i>Malus sp.</i>	Crabapple	8	NA	Dead	Standing snag.	N/A	Remove due to Condition
405	<i>Malus sp.</i>	Crabapple	12	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
406	<i>Malus sp.</i>	Crabapple	14	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
407	<i>Malus sp.</i>	Crabapple	11	NA	Dead	Standing snag.	N/A	Remove due to Condition
408	<i>Fraxinus americana</i>	White Ash	55, 25	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
409	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	6	Good	Good form and vigour.	N/A	Remove due to Development
410	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	25	6	Good	Good form and vigour.	N/A	Remove due to Development
411	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	5	Good	Good form and vigour.	N/A	Remove due to Development
412	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	47, 25	5	Good	Two stems with a combined DBH of 53 cm; Good form and vigour; Included bark at stem union.	N/A	Remove due to Development
413	<i>Fraxinus americana</i>	White Ash	50, 50, 60, 60	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
414	<i>Picea glauca</i>	White Spruce	36	7	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
415	<i>Picea glauca</i>	White Spruce	34	7	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
416	<i>Pinus strobus</i>	White Pine	42	8	Fair-Good	Some dieback and chlorosis of needles.	N/A	Remove due to Development
417	<i>Picea glauca</i>	White Spruce	29	7	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
418	<i>Picea glauca</i>	White Spruce	38	7	Fair	Moderate dieback due to overcrowding.	N/A	Remove due to Development
419	<i>Pinus strobus</i>	White Pine	48	8	Fair	Moderate dieback and chlorosis of needles due to overcrowding.	N/A	Remove due to Development
420	<i>Pinus strobus</i>	White Pine	44	8	Fair	Moderate dieback and chlorosis of needles due to overcrowding.	3.6	Preserve
421	<i>Pinus sylvestris</i>	Scots Pine	37	6	Fair-Good	Minor dieback and thinning; Typical form.	3.0	Preserve
422	<i>Pinus strobus</i>	White Pine	51	8	Fair-Good	Good vigour; Some chlorosis of needles.	4.5	Preserve
423	<i>Pinus strobus</i>	White Pine	55	12	Fair-Good	Minor dieback and thinning; Stems fork into two approximately 3 m from ground.	4.5	Preserve
424	<i>Pinus strobus</i>	White Pine	44	7	Fair-Good	Minor dieback and chlorosis of needles due to overcrowding.	3.6	Preserve
425	<i>Pinus sylvestris</i>	Scots Pine	34	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
426	<i>Pinus strobus</i>	White Pine	65	10	Fair-Good	Stems fork just above breast height; Minor dieback due to overcrowding.	4.5	Preserve
427	<i>Pinus strobus</i>	White Pine	36	7	Fair-Good	Minor dieback and chlorosis of needles due to overcrowding.	3.0	Preserve
428	<i>Pinus nigra</i>	Austrian Pine	40	5	Poor	Significant dieback and thinning; Few live branches at top of crown.	N/A	Remove due to Condition
429	<i>Pinus nigra</i>	Austrian Pine	38	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
430	<i>Pinus strobus</i>	White Pine	26	5	Poor-Fair	Tree declining in health; Significant chlorosis of needles.	N/A	Remove due to Condition
431	<i>Pinus strobus</i>	White Pine	36	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
432	<i>Pinus nigra</i>	Austrian Pine	34	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
433	<i>Pinus nigra</i>	Austrian Pine	34	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
434	<i>Pinus nigra</i>	Austrian Pine	38	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
435	<i>Pinus sylvestris</i>	Scots Pine	29	5	Poor	Relatively small crown; Tree declining in health with significant dieback and thinning.	N/A	Remove due to Condition
436	<i>Pinus sylvestris</i>	Scots Pine	29	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
437	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	14	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
438	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	11	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
439	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	14	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
440	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	16	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
441	<i>Picea pungens</i>	Colorado Blue Spruce	19	4	Good	Good form and vigour.	N/A	Remove due to Development
442	<i>Pinus strobus</i>	White Pine	54	10	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
443	<i>Pinus strobus</i>	White Pine	47	9	Fair-Good	Minor dieback and thinning due to overcrowding.	N/A	Remove due to Development
444	<i>Pinus strobus</i>	White Pine	45	7	Fair-Good	Some dieback and chlorosis of needles due to overcrowding.	3.6	Preserve
445	<i>Pinus strobus</i>	White Pine	54	10	Fair-Good	Minor dieback and thinning due to overcrowding.	4.5	Preserve
446	<i>Pinus strobus</i>	White Pine	26	4	Fair	Relatively small crown; Moderate dieback and thinning due to overcrowding.	3.0	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
447	<i>Pinus strobus</i>	White Pine	33	5	Fair	Relatively small crown; Moderate dieback and thinning due to overcrowding.	3.0	Preserve
448	<i>Pinus strobus</i>	White Pine	45	9	Fair-Good	Minor dieback and chlorosis of needles due to overcrowding.	N/A	Remove due to Development
449	<i>Pinus strobus</i>	White Pine	46	12	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
450	<i>Pinus strobus</i>	White Pine	48	10	Fair-Good	Minor dieback and thinning due to overcrowding.	3.6	Preserve
451	<i>Pinus strobus</i>	White Pine	36	7	Fair	Relatively small crown; Moderate dieback and thinning due to overcrowding.	3.0	Preserve
452	<i>Pinus strobus</i>	White Pine	34	5	Fair-Good	Relatively small crown; Moderate dieback due to overcrowding.	3.0	Preserve
454	<i>Pinus strobus</i>	White Pine	41	5	Fair	Leader snapped; Moderate dieback and thinning.	3.6	Preserve
455	<i>Pinus strobus</i>	White Pine	29	5	Fair	Moderate dieback due to overcrowding.	3.0	Preserve
456	<i>Pinus strobus</i>	White Pine	44	9	Fair-Good	Minor dieback due to overcrowding.	N/A	Remove due to Development
457	<i>Pinus strobus</i>	White Pine	31	4	Fair	Relatively small crown; Moderate dieback due to overcrowding.	3.0	Preserve
458	<i>Pinus strobus</i>	White Pine	47	10	Fair-Good	Minor dieback and thinning.	3.6	Preserve
459	<i>Pinus strobus</i>	White Pine	54	10	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
460	<i>Pinus strobus</i>	White Pine	24	4	Fair	Relatively small crown; Moderate dieback due to overcrowding.	2.4	Preserve
461	<i>Pinus strobus</i>	White Pine	50, 26	12	Fair-Good	Two stems with a combined DBH of 56 cm; Minor dieback and thinning; Included bark at stem union.	N/A	Preserve
462	<i>Pinus nigra</i>	Austrian Pine	40	8	Fair	Moderate dieback and thinning.	N/A	Preserve
463	<i>Pinus strobus</i>	White Pine	50	10	Fair-Good	Minor dieback and thinning.	N/A	Preserve
464	<i>Picea pungens</i>	Colorado Blue Spruce	12	4	Good	Good form and vigour.	N/A	Preserve
465	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
466	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
467	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
468	<i>Picea pungens</i>	Colorado Blue Spruce	15	1	Good	Good form and vigour.	N/A	Preserve
469	<i>Picea pungens</i>	Colorado Blue Spruce	12	1	Good	Good form and vigour.	N/A	Preserve
470	<i>Pinus strobus</i>	White Pine	45	10	Fair-Good	Minor dieback and thinning.	N/A	Preserve
471	<i>Pinus strobus</i>	White Pine	44	7	Fair-Good	Minor dieback and thinning due to overcrowding.	N/A	Preserve
472	<i>Pinus strobus</i>	White Pine	31	4	Fair	Relatively small crown p; Moderate dieback and thinning due to overcrowding.	N/A	Preserve
473	<i>Pinus strobus</i>	White Pine	29	4	Fair	Relatively small crown; Moderate dieback due to overcrowding.	N/A	Preserve
474	<i>Pinus strobus</i>	White Pine	53	9	Fair-Good	Minor dieback and thinning.	N/A	Preserve
475	<i>Picea abies</i>	Norway Spruce	35	6	Good	Good form and vigour.	N/A	Preserve
476	<i>Pinus strobus</i>	White Pine	33, 16	7	Fair-Good	Two stems with a combined DBH of 37 cm; Minor dieback and thinning; Included bark at stem union.	N/A	Preserve
477	<i>Pinus strobus</i>	White Pine	15, 21	4	Fair	Two stems with a combined DBH of 26 cm; Moderate dieback due to overcrowding.	N/A	Preserve
478	<i>Pinus strobus</i>	White Pine	31	5	Fair	Moderate dieback due to overcrowding.	N/A	Preserve
479	<i>Pinus strobus</i>	White Pine	53	10	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Preserve
480	<i>Pinus strobus</i>	White Pine	33	4	Fair	Relatively small crown; Moderate dieback due to overcrowding.	N/A	Preserve
481	<i>Pinus strobus</i>	White Pine	35	5	Fair	Relatively small crown; Moderate dieback due to overcrowding.	N/A	Preserve
482	<i>Pinus strobus</i>	White Pine	53	10	Fair-Good	Minor dieback and thinning.	N/A	Preserve
483	<i>Pinus strobus</i>	White Pine	45	9	Fair-Good	Minor dieback and thinning.	N/A	Preserve
485	<i>Picea glauca</i>	White Spruce	28	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
486	<i>Picea glauca</i>	White Spruce	35	7	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
487	<i>Picea glauca</i>	White Spruce	29	7	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
488	<i>Pinus strobus</i>	White Pine	43	7	Fair	Leader snapped; Moderate dieback and thinning.	N/A	Preserve
489	<i>Pinus strobus</i>	White Pine	48	9	Fair-Good	Minor dieback and thinning.	N/A	Preserve
490	<i>Pinus strobus</i>	White Pine	43	8	Fair-Good	Minor dieback and thinning due to overcrowding.	N/A	Preserve
491	<i>Picea glauca</i>	White Spruce	37	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
492	<i>Picea glauca</i>	White Spruce	28	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
493	<i>Picea abies</i>	Norway Spruce	43	8	Fair-Good	Minor dieback and thinning due to overcrowding.	N/A	Preserve
494	<i>Picea glauca</i>	White Spruce	30	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
495	<i>Picea abies</i>	Norway Spruce	35	8	Good	Good form and vigour.	N/A	Preserve
496	<i>Picea abies</i>	Norway Spruce	31	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
497	<i>Pinus strobus</i>	White Pine	51	12	Fair-Good	Minor dieback and thinning.	N/A	Preserve
498	<i>Pinus strobus</i>	White Pine	45	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
499	<i>Pinus strobus</i>	White Pine	35	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
500	<i>Pinus strobus</i>	White Pine	42	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
501	<i>Pinus strobus</i>	White Pine	36	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
502	<i>Pinus strobus</i>	White Pine	42	8	Fair-Good	Minor dieback and thinning.	N/A	Preserve
503	<i>Pinus strobus</i>	White Pine	44	8	Fair-Good	Minor dieback and thinning.	N/A	Preserve
504	<i>Pinus strobus</i>	White Pine	36	5	Fair	Uneven canopy due to overcrowding.	N/A	Preserve
505	<i>Pinus strobus</i>	White Pine	37	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
506	<i>Quercus rubra</i>	Red Oak	29	6	Good	Good form and vigour.	N/A	Preserve
507	<i>Acer saccharum</i>	Sugar Maple	28	5	Good	Good form and vigour.	N/A	Preserve
508	<i>Fraxinus americana</i>	White Ash	31	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
509	<i>Pinus nigra</i>	Austrian Pine	39	NA	Dead	Dead tree; Potential risk tree.	N/A	Remove due to Condition
510	<i>Fraxinus americana</i>	White Ash	25	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
511	<i>Quercus rubra</i>	Red Oak	28	7	Good	Good form and vigour.	N/A	Preserve
512	<i>Pinus nigra</i>	Austrian Pine	35	8	Fair	Moderate dieback and thinning; Dead lower lateral branches.	N/A	Preserve
513	<i>Pinus nigra</i>	Austrian Pine	26, 22	8	Fair	Two stems with a combined DBH of 34 cm; Stems fork below breast height; Included bark at stem union; Moderate dieback and thinning.	N/A	Preserve
514	<i>Pinus nigra</i>	Austrian Pine	18	5	Fair-Good	Good vigour; Extensive Sapsucker damage to trunk.	N/A	Preserve
515	<i>Populus deltoides</i>	Eastern Cottonwood	73	10	Fair-Good	Minor dieback; Suppressed on south side of tree by neighbouring tree.	N/A	Preserve
516	<i>Populus deltoides</i>	Eastern Cottonwood	48, 51	16	Fair	Codominant stems with a combined DBH of 70 cm; Stems fork near ground; Included bark at stem union; Moderate dieback and broken branches.	N/A	Preserve
517	<i>Acer saccharum</i>	Sugar Maple	22	5	Fair-Good	Good vigour; Two dead branches.	N/A	Preserve
518	<i>Quercus robur 'Fastigiata'</i>	Pyramidal English Oak	26	7	Good	Good form and vigour.	N/A	Preserve
519	<i>Acer saccharum</i>	Sugar Maple	31	7	Good	Good form and vigour.	N/A	Preserve
520	<i>Fraxinus excelsior</i>	European Ash	31	8	Good	Good form and vigour.	N/A	Preserve
521	<i>Picea glauca</i>	White Spruce	22	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
522	<i>Picea glauca</i>	White Spruce	26	7	Fair-Good	Minor dieback due to overcrowding; Xmas lights in tree.	N/A	Preserve
523	<i>Picea glauca</i>	White Spruce	23	7	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
524	<i>Picea glauca</i>	White Spruce	23	7	Fair	Moderate dieback due to overcrowding.	N/A	Preserve
525	<i>Acer saccharum</i>	Sugar Maple	23	7	Good	Good form and vigour.	N/A	Preserve
526	<i>Quercus robur 'Fastigiata'</i>	Pyramidal English Oak	22	7	Good	Good form and vigour.	N/A	Preserve
527	<i>Fraxinus americana</i>	White Ash	26	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
528	<i>Quercus rubra</i>	Red Oak	26	7	Good	Good form and vigour.	N/A	Preserve
529	<i>Picea glauca</i>	White Spruce	26	6	Fair-Good	Minor dieback and thinning.	N/A	Preserve



Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
530	<i>Picea glauca</i>	White Spruce	23	7	Poor-Fair	Tree declining in health; Half of crown dead.	N/A	Remove due to Condition
531	<i>Picea glauca</i>	White Spruce	27	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
532	<i>Picea glauca</i>	White Spruce	31	7	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
533	<i>Picea glauca</i>	White Spruce	25	7	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
534	<i>Picea glauca</i>	White Spruce	22	7	Fair	Moderate dieback due to overcrowding.	N/A	Preserve
535	<i>Picea glauca</i>	White Spruce	22	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
536	<i>Tilia cordata</i>	Littleleaf Linden	25	5	Good	Good form and vigour.	N/A	Preserve
537	<i>Tilia cordata</i>	Littleleaf Linden	24		Good	Good form and vigour.	N/A	Preserve
538	<i>Tilia cordata</i>	Littleleaf Linden	21	5	Good	Good form and vigour.	N/A	Preserve
539	<i>Tilia cordata</i>	Littleleaf Linden	23	5	Good	Good form and vigour.	N/A	Preserve
540	<i>Tilia cordata</i>	Littleleaf Linden	24	5	Good	Good form and vigour.	N/A	Preserve
541	<i>Tilia cordata</i>	Littleleaf Linden	23	5	Good	Good form and vigour.	N/A	Preserve
542	<i>Tilia cordata</i>	Littleleaf Linden	21	5	Good	Good form and vigour.	N/A	Preserve
543	<i>Tilia cordata</i>	Littleleaf Linden	21	5	Good	Good form and vigour.	N/A	Preserve
544	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve
545	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve
546	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve
547	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve
548	<i>Tilia cordata</i>	Littleleaf Linden	21	5	Good	Good form and vigour.	N/A	Preserve
549	<i>Tilia cordata</i>	Littleleaf Linden	22	5	Good	Good form and vigour.	N/A	Preserve
550	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve
551	<i>Tilia cordata</i>	Littleleaf Linden	24	5	Good	Good form and vigour.	N/A	Preserve
553	<i>Picea glauca</i>	White Spruce	25	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
554	<i>Picea glauca</i>	White Spruce	28	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
555	<i>Picea glauca</i>	White Spruce	27	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
556	<i>Picea glauca</i>	White Spruce	25	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
557	<i>Picea glauca</i>	White Spruce	28	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
558	<i>Tilia cordata</i>	Littleleaf Linden	26	6	Good	Good form and vigour.	N/A	Preserve
559	<i>Tilia cordata</i>	Littleleaf Linden	25	6	Good	Good form and vigour.	N/A	Preserve
560	<i>Tilia cordata</i>	Littleleaf Linden	24	6	Good	Good form and vigour.	N/A	Preserve
561	<i>Tilia cordata</i>	Littleleaf Linden	22	6	Good	Good form and vigour.	N/A	Preserve
562	<i>Tilia cordata</i>	Littleleaf Linden	23	6	Good	Good form and vigour.	N/A	Preserve
563	<i>Tilia cordata</i>	Littleleaf Linden	22	6	Good	Good form and vigour.	N/A	Preserve
564	<i>Tilia cordata</i>	Littleleaf Linden	23	6	Good	Good form and vigour.	N/A	Preserve
565	<i>Tilia cordata</i>	Littleleaf Linden	25	6	Good	Good form and vigour.	N/A	Preserve
566	<i>Tilia cordata</i>	Littleleaf Linden	18	6	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
567	<i>Tilia cordata</i>	Littleleaf Linden	24	6	Good	Good form and vigour.	N/A	Preserve
568	<i>Tilia cordata</i>	Littleleaf Linden	18	6	Good	Good form and vigour.	N/A	Preserve
569	<i>Tilia cordata</i>	Littleleaf Linden	20	6	Good	Good form and vigour.	N/A	Preserve
570	<i>Tilia cordata</i>	Littleleaf Linden	17	5	Good	Good form and vigour.	N/A	Preserve
571	<i>Tilia cordata</i>	Littleleaf Linden	18	5	Good	Good form and vigour.	N/A	Preserve
572	<i>Tilia cordata</i>	Littleleaf Linden	23	5	Good	Good form and vigour.	N/A	Preserve
573	<i>Tilia cordata</i>	Littleleaf Linden	18	5	Good	Good form and vigour.	N/A	Preserve
574	<i>Picea glauca</i>	White Spruce	19	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
575	<i>Picea glauca</i>	White Spruce	19	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
576	<i>Picea glauca</i>	White Spruce	23, 12	6	Fair-Good	Two stems with a combined DBH of 26 cm; Minor dieback due to overcrowding.	N/A	Preserve
577	<i>Picea glauca</i>	White Spruce	22	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
578	<i>Picea glauca</i>	White Spruce	22	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
579	<i>Fraxinus americana</i>	White Ash	18, 13	NA	Dead	Dead as a result of infestation from EAB.	N/A	Remove due to Condition
580	<i>Tilia cordata</i>	Littleleaf Linden	20	5	Good	Good form and vigour.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
581	<i>Acer platanoides</i>	Norway Maple	22	6	Good	Good form and vigour.	N/A	Preserve
582	<i>Acer platanoides</i>	Norway Maple	23	6	Good	Good form and vigour.	N/A	Preserve
583	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	26	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
584	<i>Tilia cordata</i>	Littleleaf Linden	18	6	Good	Good form and vigour.	N/A	Preserve
585	<i>Acer saccharum</i>	Sugar Maple	21	5	Good	Good form and vigour.	N/A	Preserve
586	<i>Fraxinus americana</i>	White Ash	26	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
587	<i>Fraxinus americana</i>	White Ash	28	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
588	<i>Quercus rubra</i>	Red Oak	23	7	Good	Good form and vigour.	N/A	Preserve
589	<i>Picea pungens</i>	Colorado Blue Spruce	11	3	Good	Good form and vigour.	N/A	Preserve
590	<i>Picea pungens</i>	Colorado Blue Spruce	13	3	Good	Good form and vigour.	N/A	Preserve
591	<i>Malus sp.</i>	Crabapple	12	NA	Dead	Standing snag.	N/A	Remove due to Condition
592	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
593	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
594	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
595	<i>Malus sp.</i>	Crabapple	15	NA	Dead	Standing snag.	N/A	Remove due to Condition
596	<i>Malus sp.</i>	Crabapple	15	NA	Dead	Standing snag.	N/A	Remove due to Condition
597	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
598	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
599	<i>Malus sp.</i>	Crabapple	13	NA	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
600	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
601	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
602	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
603	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
604	<i>Malus sp.</i>	Crabapple	10	5	Poor	Tree almost dead.	N/A	Remove due to Condition
605	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
606	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
607	<i>Betula pendula</i>	European Birch	22	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
608	<i>Larix decidua</i>	European Larch	22	8	Good	Good form and vigour.	3.0	Preserve
609	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
610	<i>Betula pendula</i>	European Birch	24	NA	Dead	Standing snag; Potential risk tree; Leader snapped.	N/A	Remove due to Condition
611	<i>Populus tremuloides</i>	Trembling Aspen	11	5	Good	Good form and vigour.	2.4	Preserve
612	<i>Fraxinus americana</i>	White Ash	6	4	Good	Good form and vigour.	1.5	Preserve
613	<i>Pinus sylvestris</i>	Scots Pine	17	5	Fair-Good	Good form and vigour.	2.4	Preserve
614	<i>Malus sp.</i>	Crabapple	14	5	Dead	Standing snag.	N/A	Remove due to Condition
615	<i>Malus sp.</i>	Crabapple	14	5	Poor-Fair	Tree almost dead.	N/A	Remove due to Condition
616	<i>Malus sp.</i>	Crabapple	13	5	Poor	Tree almost dead.	N/A	Remove due to Condition
617	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
618	<i>Malus sp.</i>	Crabapple	13	NA	Dead	Standing snag.	N/A	Remove due to Condition
619	<i>Malus sp.</i>	Crabapple	14	NA	Dead	Standing snag.	N/A	Remove due to Condition
620	<i>Picea pungens</i>	Colorado Blue Spruce	14	5	Fair-Good	Minor dieback and thinning.	2.4	Preserve
621	<i>Tilia cordata</i>	Littleleaf Linden	24	6	Good	Good form and vigour.	2.4	Preserve
622	<i>Quercus rubra</i>	Red Oak	23	5	Good	Good form and vigour.	2.4	Preserve
623	<i>Acer platanoides</i>	Norway Maple	23	6	Good	Good form and vigour.	2.4	Preserve
624	<i>Fraxinus americana</i>	White Ash	20	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
625	<i>Quercus rubra</i>	Red Oak	20	5	Good	Good form and vigour.	2.4	Preserve
626	<i>Fraxinus excelsior</i>	European Ash	29	8	Good	Good form and vigour; No evidence of EAB damage.	3.0	Preserve
627	<i>Acer platanoides</i>	Norway Maple	11	7	Good	Good form and vigour.	1.5	Preserve
628	<i>Acer platanoides</i>	Norway Maple	21	5	Fair-Good	Minor dieback and thinning.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
629	<i>Acer saccharum</i>	Sugar Maple	19	5	Fair	Moderate dieback; Large vertical wound with rot along trunk.	N/A	Preserve
630	<i>Quercus rubra</i>	Red Oak	26	7	Good	Good form and vigour.	N/A	Preserve
631	<i>Acer platanoides</i>	Norway Maple	31	8	Good	Good form and vigour.	N/A	Preserve
632	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	24	8	Good	Good form and vigour.	N/A	Preserve
633	<i>Acer saccharum</i>	Sugar Maple	22	6	Fair-Good	Minor dieback and thinning.	N/A	Preserve
634	<i>Acer platanoides</i>	Norway Maple	22	6	Good	Good form and vigour.	N/A	Preserve
635	<i>Acer saccharum</i>	Sugar Maple	28	9	Good	Good form and vigour.	N/A	Preserve
636	<i>Acer saccharum</i>	Sugar Maple	38, 27	6	Good	Two stems with a combined DBH of 47 cm; Good vigour; Stems fork near ground; Included bark at stem union.	N/A	Preserve
637	<i>Picea glauca</i>	White Spruce	33	6	Good	Good form and vigour.	N/A	Preserve
638	Unknown	Unknown	22	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
639	<i>Pinus strobus</i>	White Pine	43	10	Good	Good form and vigour.	N/A	Preserve
640	<i>Pinus strobus</i>	White Pine	35	10	Good	Good form and vigour.	N/A	Preserve
641	<i>Picea glauca</i>	White Spruce	21	6	Good	Good form and vigour.	N/A	Preserve
642	<i>Picea glauca</i>	White Spruce	30	6	Good	Good form and vigour.	N/A	Preserve
643	<i>Picea glauca</i>	White Spruce	24	6	Fair-Good	Good form and vigour; Minor dieback due to overcrowding; Xmas lights in tree.	N/A	Preserve
644	<i>Picea glauca</i>	White Spruce	24	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
645	<i>Picea glauca</i>	White Spruce	26	6	Fair-Good	Minor dieback due to overcrowding; Xmas lights in tree.	N/A	Preserve
646	<i>Picea glauca</i>	White Spruce	24	6	Fair-Good	Minor dieback due to overcrowding.	N/A	Preserve
647	<i>Picea glauca</i>	White Spruce	27	6	Fair-Good	Minor dieback due to overcrowding; Included bark at stem union.	N/A	Preserve
648	<i>Fraxinus americana</i>	White Ash	60, 30	10	Poor	Two stems with a combined DBH of 67 cm; Tree almost dead as result of infestation from EAB; Epicormic growth at base of tree.	N/A	Remove due to Condition
649	<i>Fraxinus americana</i>	White Ash	51	9	Poor	Tree almost dead as a result of infestation from EAB.	N/A	Remove due to Condition
650	<i>Fraxinus americana</i>	White Ash	65, 65	14	Poor	Two stems with a combined DBH of 92 cm; Almost dead as a result of infestation from EAB.	N/A	Remove due to Condition
651	<i>Fraxinus americana</i>	White Ash	65	14	Poor	Tree almost dead as a result of infestation from EAB.	N/A	Remove due to Condition
653	<i>Acer platanoides</i>	Norway Maple	28	8	Good	Good form and vigour.	N/A	Preserve
654	<i>Acer platanoides</i>	Norway Maple	30	8	Good	Good form and vigour.	N/A	Preserve
655	<i>Fraxinus americana</i>	White Ash	23	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
656	<i>Acer platanoides</i>	Norway Maple	19	5	Fair-Good	Minor dieback and thinning.	N/A	Preserve
657	<i>Picea glauca</i>	White Spruce	34	6	Good	Good form and vigour.	N/A	Preserve
688	<i>Ulmus americana</i>	American Elm	28	NA	Dead	Standing snag with no branches; Potential risk tree.	N/A	Remove due to Condition
689	<i>Fraxinus pennsylvanica</i>	Green Ash	7	3	Poor	Tree almost dead likely due to EAB and grapevines.	N/A	Remove due to Condition
700	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	22	7	Good	Good form and vigour.	N/A	Preserve
701	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	21	7	Good	Good form and vigour.	N/A	Preserve
702	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
703	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	18	7	Good	Good form and vigour.	N/A	Preserve
704	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
705	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	18	7	Good	Good form and vigour.	N/A	Preserve
706	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
707	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	19	7	Good	Good form and vigour.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
708	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
709	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	19	7	Good	Good form and vigour.	N/A	Preserve
710	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	18	7	Good	Good form and vigour.	N/A	Preserve
711	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
712	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	23	7	Good	Good form and vigour.	N/A	Preserve
713	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	22	6	Good	Good form and vigour.	N/A	Preserve
714	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	23	6	Good	Good form and vigour.	N/A	Preserve
715	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	21	6	Good	Good form and vigour.	N/A	Preserve
716	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	18	6	Good	Good form and vigour.	N/A	Preserve
717	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	17	6	Good	Good form and vigour.	N/A	Preserve
718	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	20	6	Good	Good form and vigour.	N/A	Preserve
719	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	12	6	Fair	Moderate dieback and thinning.	N/A	Preserve
720	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	18	6	Good	Good form and vigour.	N/A	Preserve
721	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	18	6	Good	Good form and vigour.	N/A	Preserve
722	<i>Gleditsia triacanthos</i> var <i>inermis</i>	Thornless Honey Locust	22	6	Good	Good form and vigour.	N/A	Preserve
723	<i>Fraxinus pennsylvanica</i>	Green Ash	4, 3	2	Good	Two stems with a combined DBH of 5 cm; Good form and vigour.	N/A	Preserve
724	<i>Fraxinus pennsylvanica</i>	Green Ash	10	4	Fair	Declining likely due to EAB; Woodpecker damage.	N/A	Preserve
725	<i>Fraxinus pennsylvanica</i>	Green Ash	8	4	Fair	Declining likely due to EAB; Woodpecker damage.	N/A	Preserve
726	<i>Fraxinus pennsylvanica</i>	Green Ash	9, 7, 7	4	Fair	Three stems with a combined DBH of 13 cm; Declining likely due to EAB; Woodpecker damage.	N/A	Preserve
727	<i>Fraxinus pennsylvanica</i>	Green Ash	16, 9	4	Fair	Two stems with a combined DBH of 18 cm; Declining likely due to EAB; Woodpecker damage.	N/A	Preserve
728	<i>Picea abies</i>	Norway Spruce	14	4	Good	Good form and vigour.	N/A	Preserve
729	<i>Picea abies</i>	Norway Spruce	14	4	Good	Good form and vigour.	N/A	Preserve
730	<i>Picea abies</i>	Norway Spruce	13	4	Good	Good form and vigour.	N/A	Preserve
731	<i>Acer negundo</i>	Manitoba Maple	5	3	Good	Good form and vigour.	N/A	Preserve
732	<i>Acer negundo</i>	Manitoba Maple	7, 7	3	Good	Two stems with a combined DBH of 10 cm; Good form and vigour; Stems fork below breast height.	N/A	Preserve
733	<i>Acer platanoides</i>	Norway Maple	9	3	Good	Good form and vigour.	N/A	Preserve
734	<i>Fraxinus pennsylvanica</i>	Green Ash	4, 4	3	Good	Two stems with a combined DBH of 6 cm; Good form and vigour.	N/A	Preserve
735	<i>Acer negundo</i>	Manitoba Maple	14	4	Good	Good form and vigour.	N/A	Preserve
736	<i>Acer negundo</i>	Manitoba Maple	14	5	Good	Good form and vigour.	N/A	Preserve
737	<i>Juglans nigra</i>	Black Walnut	8	5	Good	Good form and vigour.	N/A	Preserve
738	<i>Acer negundo</i>	Manitoba Maple	7	5	Good	Good form and vigour.	N/A	Preserve
739	<i>Fraxinus pennsylvanica</i>	Green Ash	6	3	Good	Good form and vigour.	N/A	Preserve
740	<i>Juglans nigra</i>	Austrian Pine	14	4	Good	Good form and vigour.	N/A	Preserve
741	<i>Acer negundo</i>	Manitoba Maple	8, 7	4	Fair	Two stems with a combined DBH of 11 cm; Growing through fence; Epicormic growth at base of tree.	N/A	Preserve
742	<i>Picea abies</i>	Norway Spruce	12	4	Good	Good form and vigour.	N/A	Preserve
743	<i>Picea abies</i>	Norway Spruce	14	4	Good	Good form and vigour.	N/A	Preserve
744	<i>Acer negundo</i>	Manitoba Maple	19	6	Good	Good form and vigour.	N/A	Preserve
745	<i>Juglans nigra</i>	Black Walnut	9	6	Good	Good form and vigour.	N/A	Preserve
746	<i>Acer negundo</i>	Manitoba Maple	14	6	Good	Good form and vigour; Corrected lean.	N/A	Preserve
747	<i>Picea pungens</i>	Colorado Blue Spruce	9	3	Good	Good form and vigour.	N/A	Preserve
748	<i>Picea pungens</i>	Colorado Blue Spruce	11	3	Fair-Good	Some dieback of lower branches due to overcrowding and suppression.	N/A	Preserve
749	<i>Picea pungens</i>	Colorado Blue Spruce	9	3	Poor-Fair	Leader snapped; Needles on remaining branches.	N/A	Preserve
750	<i>Juglans nigra</i>	Black Walnut	10	5	Good	Good form and vigour.	N/A	Preserve
751	<i>Picea pungens</i>	Colorado Blue Spruce	11	3	Fair	Leader snapped; Needles on remaining branches.	N/A	Preserve
752	<i>Picea pungens</i>	Colorado Blue Spruce	11	3	Good	Good form and vigour.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
753	<i>Picea abies</i>	Norway Spruce	7	3	Good	Good vigour; Stem twisted near top.	N/A	Preserve
754	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	16	7	Good	Good form and vigour.	N/A	Preserve
755	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	16	7	Good	Good form and vigour.	N/A	Preserve
756	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	7	Good	Good form and vigour.	N/A	Preserve
757	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	21	7	Good	Good form and vigour.	N/A	Preserve
758	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	23	7	Good	Good form and vigour.	N/A	Preserve
759	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	7	Good	Good form and vigour.	N/A	Preserve
760	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	7	Good	Good form and vigour.	N/A	Preserve
761	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	7	Good	Good form and vigour.	N/A	Preserve
762	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	17	7	Good	Good form and vigour.	N/A	Preserve
764	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
765	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
766	<i>Picea pungens</i>	Colorado Blue Spruce	16	4	Good	Good form and vigour.	N/A	Preserve
767	<i>Acer negundo</i>	Manitoba Maple	4, 4	4	Good	Two stems with a combined DBH of 6 cm; Good form and vigour.	N/A	Preserve
768	<i>Picea pungens</i>	Colorado Blue Spruce	16	4	Good	Good form and vigour.	N/A	Preserve
769	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Good	Good form and vigour.	N/A	Preserve
770	<i>Acer negundo</i>	Manitoba Maple	15	4	Good	Good form and vigour.	N/A	Preserve
771	<i>Acer negundo</i>	Manitoba Maple	14	4	Fair-Good	Some epicormic growth at base of tree.	N/A	Preserve
772	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	21	7	Good	Good form and vigour.	N/A	Preserve
773	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	26	7	Good	Good form and vigour.	N/A	Preserve
774	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	27	7	Good	Good form and vigour.	N/A	Preserve
775	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	23	7	Good	Good form and vigour.	N/A	Preserve
776	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	16	7	Good	Good form and vigour.	N/A	Preserve
777	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	23	7	Good	Good form and vigour.	N/A	Preserve
778	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
779	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	21	7	Good	Good form and vigour.	N/A	Preserve
780	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	21	7	Good	Good form and vigour.	N/A	Preserve
781	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	22	7	Good	Good form and vigour.	N/A	Preserve
782	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	20	7	Good	Good form and vigour.	N/A	Preserve
783	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	23	7	Good	Good form and vigour.	N/A	Preserve
784	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	21	7	Good	Good form and vigour.	N/A	Preserve
785	<i>Ulmus americana</i>	American Elm	10	3	Good	Good form and vigour.	N/A	Preserve
786	<i>Acer negundo</i>	Manitoba Maple	8	4	Good	Good form and vigour.	N/A	Preserve
787	<i>Juglans nigra</i>	Austrian Pine	14	4	Good	Good form and vigour.	N/A	Preserve
788	<i>Acer negundo</i>	Manitoba Maple	11	3	Good	Good form and vigour.	N/A	Preserve
789	<i>Acer negundo</i>	Manitoba Maple	15	3	Fair-Good	Good form and vigour; Epicormic growth at base of tree.	N/A	Preserve
790	<i>Acer negundo</i>	Manitoba Maple	7	3	Good	Good form and vigour.	N/A	Preserve
791	<i>Acer negundo</i>	Manitoba Maple	5	2	Good	Good form and vigour.	N/A	Preserve
792	<i>Acer negundo</i>	Manitoba Maple	6	2	Good	Good form and vigour.	N/A	Preserve
793	<i>Acer negundo</i>	Manitoba Maple	7	2	Good	Good form and vigour.	N/A	Preserve
794	<i>Prunus serotina</i>	Black Cherry	6	3	Good	Good form and vigour.	N/A	Preserve
795	<i>Picea pungens</i>	Colorado Blue Spruce	13	4	Good	Good form and vigour.	N/A	Preserve
796	<i>Picea pungens</i>	Colorado Blue Spruce	14	4	Good	Good form and vigour.	N/A	Preserve
797	<i>Juglans nigra</i>	Black Walnut	4	4	Good	Good form and vigour.	N/A	Preserve
798	<i>Acer negundo</i>	Manitoba Maple	16, 18	6	Good	Codominant stems with a combined DBH of 24 cm; Good vigour; Stems fork near ground.	N/A	Preserve
799	<i>Fraxinus pennsylvanica</i>	Green Ash	8	6	Poor	Declining likely as a result of infestation from EAB; Woodpecker damage.	N/A	Preserve
800	<i>Acer negundo</i>	Manitoba Maple	17	4	Good	Good vigour; Corrected lean.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
801	<i>Picea pungens</i>	Colorado Blue Spruce	12	4	Good	Minor dieback due to overcrowding.	N/A	Preserve
802	<i>Picea pungens</i>	Colorado Blue Spruce	12	4	Good	Minor Good form and vigour.	N/A	Preserve
803	<i>Acer negundo</i>	Manitoba Maple	14	6	Fair-Good	Tree leaning towards the south; Epicormic growth at base of tree.	N/A	Preserve
804	<i>Juglans nigra</i>	Black Walnut	12	4	Fair-Good	Good form and vigour.	N/A	Preserve
805	<i>Picea pungens</i>	Colorado Blue Spruce	8	3	Fair-Good	Good form and vigour.	N/A	Preserve
806	<i>Picea pungens</i>	Colorado Blue Spruce	15	3	Fair-Good	Good form and vigour.	N/A	Preserve
807	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	20	8	Good	Good form and vigour; Surrounded by hedge.	N/A	Preserve
808	<i>Pinus strobus</i>	White Pine	40	12	Poor	Significant dieback and thinning; Chlorosis of needles.	N/A	Remove due to Condition
809	<i>Pinus strobus</i>	White Pine	27	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
810	<i>Pinus strobus</i>	White Pine	66	14	Fair	Moderate dieback and thinning due to overcrowding; Chlorosis of almost all needles.	4.5	Preserve
811	<i>Pinus strobus</i>	White Pine	45	12	Fair	Moderate dieback and thinning due to overcrowding; Chlorosis of all needles.	3.6	Preserve
812	<i>Pinus strobus</i>	White Pine	56	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
813	<i>Picea abies</i>	Norway Spruce	40	8	Fair-Good	Minor dieback and thinning due to overcrowding.	3.6	Preserve
814	<i>Pinus strobus</i>	White Pine	28	8	Poor-Fair	Significant dieback and chlorosis of needles; Tree declining in health.	N/A	Remove due to Condition
815	<i>Juglans nigra</i>	Black Walnut	37	8	Good	Good form and vigour.	3.0	Preserve
816	<i>Pinus nigra</i>	Austrian Pine	38	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
817	<i>Pinus strobus</i>	White Pine	44	10	Fair	Moderate dieback and thinning.	3.6	Preserve
818	<i>Pinus nigra</i>	Austrian Pine	32	NA	Dead		N/A	Remove due to Condition
819	<i>Pinus strobus</i>	White Pine	48	10	Fair	Moderate dieback and chlorosis of needles.	3.6	Preserve
820	<i>Picea glauca</i>	White Spruce	31	7	Good	Good form and vigour.	3.0	Preserve
821	<i>Picea glauca</i>	White Spruce	33	7	Fair-Good	Minor dieback and thinning.	3.0	Preserve
822	<i>Picea glauca</i>	White Spruce	31	7	Fair-Good	Minor dieback and thinning.	3.0	Preserve
823	<i>Pinus strobus</i>	White Pine	42	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
824	<i>Pinus strobus</i>	White Pine	51	7	Poor	Tree almost dead; Declining in health; Potential risk tree.	N/A	Remove due to Condition
825	<i>Picea glauca</i>	White Spruce	32	6	Fair	Moderate dieback and thinning due to overcrowding.	3.0	Preserve
826	<i>Pinus strobus</i>	White Pine	31	8	Fair-Good	Minor dieback and thinning due to overcrowding.	3.0	Preserve
827	<i>Pinus strobus</i>	White Pine	35	7	Fair-Good	Minor dieback and thinning due to overcrowding.	3.0	Preserve
828	<i>Pinus strobus</i>	White Pine	40	8	Fair-Good	Minor dieback and thinning due to overcrowding.	3.6	Preserve
829	<i>Pinus strobus</i>	White Pine	35	5	Poor-Fair	Relatively small crown; Significant dieback and thinning.	N/A	Remove due to Condition
830	<i>Picea abies</i>	Norway Spruce	31	7	Fair	Moderate dieback and thinning; Suppressed on west side of tree.	3.0	Preserve
831	<i>Picea abies</i>	Norway Spruce	26	6	Fair	Moderate dieback and thinning due to overcrowding.	3.0	Preserve
832	<i>Pinus strobus</i>	White Pine	32	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
833	<i>Pinus strobus</i>	White Pine	51	8	Fair	Moderate dieback and chlorosis due to overcrowding.	4.5	Preserve
834	<i>Pinus strobus</i>	White Pine	35	5	Fair	Relatively small crown; Moderate dieback and thinning due to overcrowding.	3.0	Preserve
835	<i>Pinus strobus</i>	White Pine	39	6	Fair	Stems fork into two above breast height; Moderate dieback and thinning due to overcrowding; Included bark at stem union.	3.6	Preserve
836	<i>Pinus strobus</i>	White Pine	30	5	Fair	Relatively small crown; Moderate dieback due to overcrowding.	3.0	Preserve
837	<i>Picea abies</i>	Norway Spruce	44	11	Good	Good form and vigour.	3.6	Preserve
838	<i>Populus tremuloides</i>	Trembling Aspen	36	6	Good	Good form and vigour.	3.0	Preserve
848	<i>Juglans nigra</i>	Black Walnut	36	7	Good	Good form and vigour.	3.0	Preserve
839	<i>Pinus strobus</i>	White Pine	29	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
840	<i>Pinus strobus</i>	White Pine	31	4	Fair	Moderate dieback and thinning due to overcrowding; Needles at very top of crown.	3.0	Preserve
841	<i>Pinus strobus</i>	White Pine	29	5	Fair	Moderate dieback and thinning; Needles at very top of crown.	3.0	Preserve
842	<i>Pinus strobus</i>	White Pine	26	5	Fair	Moderate dieback and thinning due to overcrowding.	3.0	Preserve
843	<i>Pinus strobus</i>	White Pine	36	6	Fair	Moderate dieback and thinning due to overcrowding.	3.0	Preserve
844	<i>Pinus strobus</i>	White Pine	38	6	Fair-Good	Moderate dieback and thinning due to overcrowding.	3.6	Preserve
845	<i>Pinus strobus</i>	White Pine	24	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
846	<i>Pinus strobus</i>	White Pine	43	8	Fair-Good	Suppressed on west side of tree by neighbouring trees; Minor dieback and thinning.	3.6	Preserve
847	<i>Juglans nigra</i>	Black Walnut	30	7	Fair-Good	Minor dieback; Crown on north side.	3.0	Preserve
849	<i>Populus tremuloides</i>	Trembling Aspen	48	12	Poor-Fair	Moderate dieback and thinning; Included bark at stem union; Stems splitting away from each other; Potential risk tree.	N/A	Remove due to Condition
850	<i>Pinus strobus</i>	White Pine	32	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
851	<i>Populus tremuloides</i>	Trembling Aspen	32	5	Fair-Good	Minor dieback and thinning.	3.0	Preserve
852	<i>Populus tremuloides</i>	Trembling Aspen	24	4	Fair	Relatively small crown; Slight lean towards the south.	2.4	Preserve
853	<i>Populus tremuloides</i>	Trembling Aspen	36	7	Good	Good form and vigour; Minor dieback.	3.0	Preserve
854	<i>Populus tremuloides</i>	Trembling Aspen	33	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
856	<i>Populus tremuloides</i>	Trembling Aspen	29, 30	8	Fair-Good	Codominant stems with a combined DBH of 42 cm; Stems fork near ground.	3.6	Preserve
857	<i>Populus tremuloides</i>	Trembling Aspen	34	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
858	<i>Picea abies</i>	Norway Spruce	26	6	Fair-Good	Minor dieback and thinning.	2.4	Preserve
859	<i>Populus tremuloides</i>	Trembling Aspen	43	6	Fair-Good	Minor dieback; Some dead lower lateral branches.	3.6	Preserve
860	<i>Populus tremuloides</i>	Trembling Aspen	42	7	Fair	Moderate dieback and thinning; Cracked and lifting bark of stem.	3.6	Preserve
861	<i>Populus tremuloides</i>	Trembling Aspen	33	6	Fair	Moderate dieback and thinning.	3.0	Preserve
862	<i>Populus tremuloides</i>	Trembling Aspen	50, 39	10	Fair	Two stems with a combined DBH of 63 cm; Stems fork below breast height; Included bark at stem union; Moderate dieback and thinning.	4.5	Preserve
863	<i>Populus tremuloides</i>	Trembling Aspen	33	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
864	<i>Populus tremuloides</i>	Trembling Aspen	28	6	Good	Good form and vigour.	3.0	Preserve
865	<i>Populus tremuloides</i>	Trembling Aspen	22	4	Fair	Moderate dieback and thinning; Very top of crown live.	2.4	Preserve
866	<i>Populus tremuloides</i>	Trembling Aspen	30	7	Good	Minor dieback and thinning.	3.0	Preserve
867	<i>Populus tremuloides</i>	Trembling Aspen	30	5	Fair-Good	Minor dieback and thinning.	3.0	Preserve
868	<i>Populus tremuloides</i>	Trembling Aspen	23	5	Fair	Minor dieback and thinning; Slight lean towards the east.	2.4	Preserve
869	<i>Populus tremuloides</i>	Trembling Aspen	25	6	Fair-Good	Minor dieback and thinning.	2.4	Preserve
870	<i>Populus tremuloides</i>	Trembling Aspen	20	5	Fair-Good	Minor dieback and thinning.	2.4	Preserve
871	<i>Populus tremuloides</i>	Trembling Aspen	26	6	Fair-Good	Minor dieback and thinning.	3.0	Preserve
872	<i>Acer saccharum</i>	Sugar Maple	34, 25	10	Fair-Good	Two stems with a combined DBH of 42 cm; Minor dieback and thinning; Stems fork near ground.	3.6	Preserve
873	<i>Populus tremuloides</i>	Trembling Aspen	26	7	Fair-Good	Minor dieback and thinning.	3.0	Preserve
874	<i>Populus tremuloides</i>	Trembling Aspen	34	7	Fair-Good	Minor dieback and thinning.	3.0	Preserve
875	<i>Populus tremuloides</i>	Trembling Aspen	21	6	Fair-Good		N/A	Preserve
876	<i>Acer platanoides</i>	Norway Maple	50	NA	Dead	Standing snag; Potential risk tree	N/A	Remove due to Condition
877	<i>Populus tremuloides</i>	Trembling Aspen	23	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
878	<i>Populus tremuloides</i>	Trembling Aspen	23	6	Fair-Good	Minor dieback and thinning.	N/A	Preserve
879	<i>Populus tremuloides</i>	Trembling Aspen	30	6	Fair-Good	Minor dieback and thinning.	N/A	Preserve
880	<i>Populus tremuloides</i>	Trembling Aspen	26	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
881	<i>Populus tremuloides</i>	Trembling Aspen	24	6	Fair-Good	Minor dieback and thinning.	N/A	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
882	<i>Populus tremuloides</i>	Trembling Aspen	29	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
883	<i>Populus tremuloides</i>	Trembling Aspen	29	7	Fair-Good	Minor dieback and thinning, one sided.	N/A	Preserve
884	<i>Populus tremuloides</i>	Trembling Aspen	21	6	Fair-Good	Minor dieback and thinning	N/A	Preserve
885	<i>Populus tremuloides</i>	Trembling Aspen	32	8	Fair-Good	Minor dieback and thinning.	N/A	Preserve
886	<i>Ostrya virginiana</i>	Ironwood	32	8	Fair	Moderate dieback and thinning.	N/A	Preserve
887	<i>Ostrya virginiana</i>	Ironwood	34	8	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
889	<i>Quercus macrocarpa</i>	Bur Oak	45	9	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
890	<i>Acer saccharum</i>	Sugar Maple	52, 96	10	Good	Two stems with a combined DBH of 109 cm; Fused trunks.	N/A	Preserve
891	<i>Acer saccharum</i>	Sugar Maple	67	12	Fair-Good	Minor dieback and thinning.	N/A	Preserve
892	<i>Fraxinus pennsylvanica</i>	Green Ash	22	4	Poor	EAB, Woodpecker damage.	N/A	Remove due to Condition
893	<i>Tilia americana</i>	Basswood	24	7	Fair-Good	Minor dieback and thinning.	N/A	Preserve
894	<i>Acer saccharum</i>	Sugar Maple	55	12	Good		N/A	Preserve
895	<i>Quercus macrocarpa</i>	Bur Oak	52	8	Fair	Moderate dieback and thinning.	N/A	Preserve
896	<i>Betula papyrifera</i>	White Birch	22	6	Good		N/A	Preserve
897	<i>Quercus macrocarpa</i>	Bur Oak	55	9	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
898	<i>Quercus macrocarpa</i>	Bur Oak	65	10	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
899	<i>Quercus macrocarpa</i>	Bur Oak	44	9	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
900	<i>Acer saccharum</i>	Sugar Maple	67	10	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
901	<i>Juglans nigra</i>	Black Walnut	20	7	Fair-Good	Minor dieback.	N/A	Preserve
902	<i>Tilia americana</i>	Basswood	42	5	Poor	Moderate dieback and thinning, heavy lean, missing large branches.	N/A	Remove due to Condition
903	<i>Fraxinus americana</i>	White Ash	53	NA	Dead	Dead as a result from infestation of EAB	N/A	Remove due to Condition
904	<i>Tilia americana</i>	Basswood	31, 10, 11	6	Fair-Good	Three stems with a combined DBH of 34 cm; Moderate dieback and thinning.	N/A	Preserve
905	<i>Tilia americana</i>	Basswood	32	6	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
906	<i>Tilia americana</i>	Basswood	23	6	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
907	<i>Ostrya virginiana</i>	Ironwood	23	6	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
908	<i>Tilia americana</i>	Basswood	25	6	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
909	<i>Fraxinus americana</i>	White Ash	22	4	Fair	Moderate dieback and thinning.	N/A	Preserve
910	<i>Tilia americana</i>	Basswood	36, 45	8	Fair	Moderate dieback and thinning, leaning.	N/A	Preserve
911	<i>Tilia americana</i>	Basswood	38	4	Fair	Moderate dieback and thinning, leaning.	N/A	Preserve
912	<i>Tilia americana</i>	Basswood	36	6	Fair	Moderate dieback and thinning.	N/A	Preserve
913	<i>Ulmus americana</i>	American Elm	21	NA	Dead	Potential risk tree.	N/A	Remove due to Condition
914	<i>Acer saccharum</i>	Sugar Maple	65, 27	8	Fair-Good	Two stems with a combined DBH of 70 cm; Minor dieback and thinning.	N/A	Preserve
915	<i>Acer saccharum</i>	Sugar Maple	23, 58	10	Fair	Two stems with a combined DBH of 62 cm; Moderate dieback and thinning, Woodpecker holes.	N/A	Preserve
916	<i>Acer saccharum</i>	Sugar Maple	50	10	Good		N/A	Preserve
917	<i>Ostrya virginiana</i>	Ironwood	32	6	Fair	Moderate dieback and thinning.	N/A	Preserve
918	<i>Ostrya virginiana</i>	Ironwood	80	8	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
919	<i>Tilia americana</i>	Basswood	27, 37	4	Poor	Two stems with a combined DBH of 46 cm; Moderate dieback and thinning, snapped leader.	N/A	Remove due to Condition
920	<i>Prunus serotina</i>	Black Cherry	53	8	Fair	Moderate dieback and thinning.	N/A	Preserve
921	<i>Tilia americana</i>	Basswood	51	6	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
922	<i>Acer saccharum</i>	Sugar Maple	51	8	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
923	<i>Acer saccharum</i>	Sugar Maple	37, 58	12	Fair-Good	Two stems with a combined DBH of 69 cm; Moderate dieback and thinning.	N/A	Preserve
924	<i>Tilia americana</i>	Basswood	56, 50	10	Poor	Two stems with a combined DBH of 75 cm; Moderate dieback and thinning, larger stem dead. Potential risk tree. Rotting at base.	N/A	Remove due to Condition
925	<i>Acer saccharum</i>	Sugar Maple	22	4	Fair-Good	Moderate dieback and thinning.	N/A	Preserve



Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
926	<i>Acer saccharum</i>	Sugar Maple	27	4	Good	Moderate dieback and thinning. One sided.	N/A	Preserve
927	<i>Acer saccharum</i>	Sugar Maple	32	8	Good		N/A	Preserve
928	<i>Acer saccharum</i>	Sugar Maple	23	7	Good		N/A	Preserve
929	<i>Tilia americana</i>	Basswood	45, 20, 10, 52	8	Fair	Multi-stemmed with a combined DBH of 72 cm; Moderate dieback and thinning.	N/A	Preserve
930	<i>Quercus macrocarpa</i>	Bur Oak	63	8	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
932	<i>Acer saccharum</i>	Sugar Maple	56	7	Fair-Good	Moderate dieback and thinning, one sided.	N/A	Preserve
933	<i>Acer saccharum</i>	Sugar Maple	42	8	Good		N/A	Preserve
934	<i>Acer saccharum</i>	Sugar Maple	25	4	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
935	<i>Quercus rubra</i>	Red Oak	68	10	Good		N/A	Preserve
936	<i>Acer saccharum</i>	Sugar Maple	63	10	Good		N/A	Preserve
937	<i>Acer saccharum</i>	Sugar Maple	77	10	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
938	<i>Acer saccharum</i>	Sugar Maple	42	10	Good		N/A	Preserve
939	<i>Acer saccharum</i>	Sugar Maple	87	10	Fair-Good	Moderate dieback and thinning.	N/A	Preserve
940	<i>Acer saccharum</i>	Sugar Maple	67	8	Good		N/A	Preserve
941	<i>Acer saccharum</i>	Sugar Maple	77, 58	10	Good	Two stems with a combined DBH of 96 cm; Good vigour.	N/A	Preserve
942	<i>Fagus grandifolia</i>	American Beech	38, 27, 50, 26, 42	10	Poor-Fair	Multi-stemmed with a combined DBH of 84 cm; Tree is declining in health potentially due to Beech bark disease; Fungal fruit bodies on stem; Stems fork at ground.	N/A	Remove due to Condition
943	<i>Fagus grandifolia</i>	American Beech	41	10	Good	Good form and vigour.	3.6	Preserve
944	<i>Tilia americana</i>	Basswood	45, 10, 10, 17, 12, 11	12	Fair	Multi-stemmed with a combined DBH of 53 cm; Stems fork at ground; Moderate dieback and thinning; Woodpecker damage to largest stem.	4.5	Preserve
945	<i>Quercus macrocarpa</i>	Bur Oak	56	10	Fair	Insect damage to branches; Moderate dieback and thinning.	4.5	Preserve
946	<i>Acer saccharum</i>	Sugar Maple	71	14	Good	Good form and vigour.	4.5	Preserve
947	<i>Acer saccharum</i>	Sugar Maple	55	14	Good	Good form and vigour.	4.5	Preserve
948	<i>Prunus serotina</i>	Black Cherry	57	7	Poor-Fair	Tree declining in health; Leaning towards the north; Significant dieback and thinning; Irregular crown.	4.5	Preserve
949	<i>Acer saccharum</i>	Sugar Maple	56	12	Fair-Good	Minor dieback and thinning.	4.5	Preserve
950	<i>Acer saccharum</i>	Sugar Maple	29	8	Good	Good vigour; Relatively small crown.	3.0	Preserve
951	<i>Acer saccharum</i>	Sugar Maple	65	11	Fair-Good	Good vigour; Irregular crown.	4.5	Preserve
952	<i>Populus tremuloides</i>	Trembling Aspen	24	6	Good	Good form and vigour.	2.4	Preserve
953	<i>Populus tremuloides</i>	Trembling Aspen	33	10	Fair-Good	Good vigour; Irregular crown.	3.0	Preserve
954	<i>Populus tremuloides</i>	Trembling Aspen	31	8	Fair-Good	Relatively small crown.	3.0	Preserve
955	<i>Populus tremuloides</i>	Trembling Aspen	26	4	Fair	Relatively small crown; Many dead lateral branches.	3.0	Preserve
956	<i>Populus tremuloides</i>	Trembling Aspen	29	9	Fair-Good	Some dead lower branches.	3.0	Preserve
957	<i>Populus tremuloides</i>	Trembling Aspen	31, 27, 24	10	Fair	Three stems with a combined DBH of 48 cm; Stems fork near ground; Irregular and uneven crown.	3.6	Preserve
958	<i>Populus tremuloides</i>	Trembling Aspen	27	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
959	<i>Populus tremuloides</i>	Trembling Aspen	26	6	Fair	Relatively small crown; Moderate dieback and thinning.	3.0	Preserve
960	<i>Populus tremuloides</i>	Trembling Aspen	31	7	Fair	Moderate dieback and thinning; Relatively small crown.	3.0	Preserve
961	<i>Populus tremuloides</i>	Trembling Aspen	33	10	Fair	Moderate dieback and thinning; Many dead lateral branches.	3.0	Preserve
962	<i>Populus tremuloides</i>	Trembling Aspen	32, 27	10	Fair-Good	Two stems with a combined DBH of 42 cm; Stems fork below ground cm; Minor dieback and thinning.	3.6	Preserve
963	<i>Populus tremuloides</i>	Trembling Aspen	33	10	Good	Good form and vigour.	3.0	Preserve
964	<i>Populus tremuloides</i>	Trembling Aspen	33	10	Fair-Good	Minor dieback and thinning.	3.0	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
965	<i>Populus tremuloides</i>	Trembling Aspen	24	7	Fair-Good	Good vigour; Tree leaning towards the east.	2.4	Preserve
966	<i>Populus tremuloides</i>	Trembling Aspen	34	12	Fair-Good	Minor dieback; Lower portion of stem smothered by grapevines.	3.0	Preserve
967	<i>Populus tremuloides</i>	Trembling Aspen	33	9	Good	Good vigour; Irregular crown; Grapevines in lower portion of stem.	N/A	Remove due to Development
968	<i>Fraxinus pennsylvanica</i>	Green Ash	21	6	Fair	Tree heavily seeding; Potentially infested by EAB.	N/A	Remove due to Condition
969	<i>Populus tremuloides</i>	Trembling Aspen	22	8	Good	Good form and vigour.	2.4	Preserve
970	<i>Populus tremuloides</i>	Trembling Aspen	23	7	Fair-Good	Good vigour; Uneven crown.	2.4	Preserve
971	<i>Populus tremuloides</i>	Trembling Aspen	21	8	Good	Good form and vigour.	2.4	Preserve
972	<i>Fraxinus pennsylvanica</i>	Green Ash	22	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
973	<i>Prunus serotina</i>	Black Cherry	40	8	Fair	Moderate dieback and thinning.	3.6	Preserve
974	<i>Acer saccharum</i>	Sugar Maple	16, 6	6	Good	Two stems with a combined DBH of 17 cm; Stems fork at ground; Good vigour.	2.4	Preserve
975	<i>Acer saccharum</i>	Sugar Maple	10	4	Good	Good form and vigour.	2.4	Preserve
976	<i>Ulmus americana</i>	American Elm	12	4	Good	Good vigour; Uneven crown.	2.4	Preserve
977	<i>Fraxinus americana</i>	White Ash	40, 35, 29	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
978	<i>Acer saccharum</i>	Sugar Maple	16, 16, 15, 22, 32, 21	10	Fair-Good	Multi-stemmed with a combined DBH of 49 cm; Stems fork at ground; Minor dieback and thinning.	3.6	Preserve
979	<i>Fraxinus pennsylvanica</i>	Green Ash	10	4	Fair	Tree declining in health likely due to EAB.	2.4	Preserve
980	<i>Fraxinus americana</i>	White Ash	24, 19	9	Fair	Codominant stems with a combined DBH of 31 cm; Stems fork at ground; Smothered by grapevines; Declining likely as a result of infestation from EAB.	3.0	Preserve
981	<i>Fraxinus pennsylvanica</i>	Green Ash	10	3	Poor	Tree almost dead or possibly dead as a result of infestation from EAB.	N/A	Remove due to Condition
982	<i>Fraxinus pennsylvanica</i>	Green Ash	6	3	Poor	Tree almost dead or possibly dead as a result of infestation from EAB.	N/A	Remove due to Condition
983	<i>Fraxinus pennsylvanica</i>	Green Ash	13	NA	Dead	Dead as a result of infestation from EAB; Potential risk tree.	N/A	Remove due to Condition
984	<i>Acer saccharum</i>	Sugar Maple	14	4	Good	Good vigour; Relatively small crown.	2.4	Preserve
985	<i>Acer saccharum</i>	Sugar Maple	12	5	Good	Good form and vigour.	2.4	Preserve
986	<i>Ulmus americana</i>	American Elm	26	10	Fair	Moderate dieback and thinning; Tree leaning towards the south; Uneven crown.	3.0	Preserve
987	<i>Ulmus americana</i>	American Elm	9	4	Good	Good form and vigour.	1.5	Preserve
988	<i>Fraxinus pennsylvanica</i>	Green Ash	8	NA	Dead	Dead as a result of infestation from EAB.	N/A	Remove due to Condition
989	<i>Juglans nigra</i>	Black Walnut	46	12	Poor	Tree declining in health and possibly dead; Bark lifting along length of tree; Significant number of dead branches and buds; Potential risk tree due to uneven crown.	N/A	Remove due to Condition
990	<i>Picea abies</i>	Norway Spruce	25	7	Good	Good form and vigour.	N/A	Remove due to Development
991	<i>Pinus sylvestris</i>	Scots Pine	19	5	Fair-Good	Some dead lower lateral branches.	N/A	Remove due to Development
992	<i>Pinus sylvestris</i>	Scots Pine	25	5	Fair-Good	Some dead lower lateral branches.	N/A	Remove due to Development
993	<i>Juglans nigra</i>	Black Walnut	7	4	Good	Good form and vigour.	N/A	Remove due to Development
994	<i>Pinus sylvestris</i>	Scots Pine	25, 14	6	Fair-Good	Two stems with a combined DBH of 29 cm; Stems fork below breast height; Some dead lower lateral branches.	N/A	Remove due to Development
995	<i>Juglans nigra</i>	Black Walnut	15	5	Good	Good form and vigour.	N/A	Remove due to Development
996	<i>Juglans nigra</i>	Black Walnut	14	5	Good	Good form and vigour.	N/A	Remove due to Development
997	<i>Pinus sylvestris</i>	Scots Pine	21, 15	5	Fair-Good	Two stems with a combined DBH of 26 cm; Stems fork below breast height; Some dead lower lateral branches.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
998	<i>Picea glauca</i>	White Spruce	19	5	Good	Good form and vigour.	N/A	Remove due to Development
999	<i>Picea glauca</i>	White Spruce	17	5	Fair-Good	Sap ooze on trunk.	N/A	Remove due to Development
1000	<i>Picea glauca</i>	White Spruce	20	5	Good	Good form and vigour.	N/A	Remove due to Development
1001	<i>Picea glauca</i>	White Spruce	14	5	Good	Good form and vigour.	N/A	Remove due to Development
1002	<i>Picea glauca</i>	White Spruce	19	5	Good	Good form and vigour.	N/A	Remove due to Development
1003	<i>Picea glauca</i>	White Spruce	22	5	Good	Good form and vigour.	N/A	Remove due to Development
1004	<i>Picea glauca</i>	White Spruce	16	5	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
1005	<i>Picea glauca</i>	White Spruce	22	5	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
1006	<i>Pinus sylvestris</i>	Scots Pine	17	5	Fair	Moderate dieback and thinning due to overcrowding.	N/A	Remove due to Development
1007	<i>Picea glauca</i>	White Spruce	21	5	Fair-Good	Some dead lower lateral branches.	N/A	Remove due to Development
1008	<i>Picea glauca</i>	White Spruce	12	5	Fair	Tree leaning towards the north.	N/A	Remove due to Development
1009	<i>Pinus sylvestris</i>	Scots Pine	27	5	Good	Good form and vigour.	N/A	Remove due to Development
1010	<i>Pinus sylvestris</i>	Scots Pine	24	5	Fair-Good	Some dead lower lateral branches.	N/A	Remove due to Development
1011	<i>Juglans nigra</i>	Black Walnut	12	4	Good	Good form and vigour.	N/A	Remove due to Development
1012	<i>Acer negundo</i>	Manitoba Maple	7	4	Good	Good form and vigour.	N/A	Remove due to Development
1013	<i>Juglans nigra</i>	Black Walnut	5, 4	4	Good	Two stems with a combined DBH of 6 cm; Good form and vigour.	N/A	Remove due to Development
1014	<i>Acer negundo</i>	Manitoba Maple	8, 8	4	Good	Two stems with a combined DBH of 11 cm; Good form and vigour.	N/A	Remove due to Development
1015	<i>Juglans nigra</i>	Black Walnut	17	5	Good	Good form and vigour.	N/A	Remove due to Development
1016	<i>Acer negundo</i>	Manitoba Maple	5, 4	3	Good	Two stems with a combined DBH of 6 cm; Good form and vigour.	N/A	Remove due to Development
1017	<i>Acer negundo</i>	Manitoba Maple	6, 5, 5	3	Good	Three stems with a combined DBH of 9 cm; Stems fork near ground; Good vigour.	N/A	Remove due to Development
1018	<i>Acer negundo</i>	Manitoba Maple	5	3	Good	Good form and vigour.	1.5	Preserve
1019	<i>Acer negundo</i>	Manitoba Maple	5	3	Good	Good form and vigour.	1.5	Preserve
1020	<i>Pinus sylvestris</i>	Scots Pine	19	3	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1021	<i>Pinus sylvestris</i>	Scots Pine	28	3	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1022	<i>Pinus sylvestris</i>	Scots Pine	18	3	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1023	<i>Pinus sylvestris</i>	Scots Pine	24	3	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1024	<i>Pinus sylvestris</i>	Scots Pine	25	3	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1025	<i>Pinus sylvestris</i>	Scots Pine	19	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
1026	<i>Acer negundo</i>	Manitoba Maple	9, 9	4	Good	Two stems with a combined DBH of 13 cm; Stems fork near ground; Good vigour.	2.4	Preserve
1027	<i>Pinus sylvestris</i>	Scots Pine	21	5	Fair-Good	Some dead lower branches.	N/A	Remove due to Development
1028	<i>Pinus sylvestris</i>	Scots Pine	18, 15	5	Fair-Good	Codominant stems with a combined DBH of 23 cm; Some dead lower branches.	2.4	Preserve
1029	<i>Pinus sylvestris</i>	Scots Pine	14	NA	Dead	Standing snag; Potential risk tree.	N/A	Remove due to Condition
1030	<i>Juglans nigra</i>	Black Walnut	6	2	Good	Good form and vigour.	1.5	Preserve
1031	<i>Pinus sylvestris</i>	Scots Pine	20	5	Fair-Good	Some dead lower branches.	2.4	Preserve
1032	<i>Pinus sylvestris</i>	Scots Pine	22	5	Fair-Good	Some dead lower branches.	2.4	Preserve
1033	<i>Pinus sylvestris</i>	Scots Pine	20	5	Fair-Good	Some dead lower branches.	2.4	Preserve
1034	<i>Malus sp.</i>	Crabapple	12	4	Fair-Good	Minor dieback and thinning.	2.4	Preserve
1035	<i>Malus sp.</i>	Crabapple	13	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
1036	<i>Malus sp.</i>	Crabapple	11	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
1058	<i>Acer platanoides</i>	Norway Maple	13	5	Good	Good form and vigour.	N/A	Remove due to Development
1075	<i>Acer platanoides</i>	Norway Maple	11	6	Good	Good form and vigour; Tree located immediately adjacent to Tree No. 1093.	N/A	Remove due to Development
NT1	<i>Ulmus americana</i>	American Elm	25	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
NT2	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	24	9	Good	Good form and vigour.	N/A	Preserve

**Trees Located within the Regional Road Allowance**

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
1037	<i>Acer platanoides</i>	Norway Maple	23, 20	8	Fair-Good	Codominant stems with a combined DBH of 30 cm; Stems fork just above breast height; Included bark at stem union.	2.4	Preserve
1038	<i>Acer platanoides</i>	Norway Maple	30	8	Fair-Good	Located partially on slope; Some minor trunk damage.	3.0	Preserve
1039	<i>Robinia pseudoacacia</i>	Black Locust	38	7	Fair-Good	Some insect damage to trunk; Minor dieback and thinning.	3.8	Preserve
1040	<i>Robinia pseudoacacia</i>	Black Locust	39	7	Fair	Moderate dieback and thinning; Shelf fungi at stem union ~ 4 m from ground.	3.9	Preserve
1041	<i>Robinia pseudoacacia</i>	Black Locust	27	4	Fair	Relatively small crown; Moderate dieback and thinning; Cavity on trunk.	2.7	Preserve
1042	<i>Robinia pseudoacacia</i>	Black Locust	26	3	Fair	Moderate dieback and thinning; Relatively small crown; Slight lean towards the south.	2.6	Preserve
1043	<i>Robinia pseudoacacia</i>	Black Locust	18	3	Fair-Good	Minor dieback and thinning; Near bottom of ditch.	2.4	Preserve
1044	<i>Robinia pseudoacacia</i>	Black Locust	32, 27, 38, 31	10	Fair	Multi-stemmed with a combined DBH of 64 cm; Stems fork near ground; Moderate dieback and thinning; Dead scaffold branches.	6.4	Preserve
1045	<i>Acer saccharum</i>	Sugar Maple	20	5	Fair-Good	Crown growing into neighbouring Black Locust; Discoloration (dark) bark.	2.4	Preserve
1046	<i>Acer platanoides</i>	Norway Maple	20	9	Good	Good form and vigour.	2.4	Preserve
1047	<i>Robinia pseudoacacia</i>	Black Locust	42	6	Fair	Moderate dieback and thinning; Relatively small crown.	4.2	Preserve
1048	<i>Juglans nigra</i>	Black Walnut	20	6	Good	Good form and vigour; Located near bottom of ditch.	2.4	Preserve
1049	<i>Juglans nigra</i>	Black Walnut	6	3	Poor	Mostly dead branches and buds.	2.4	Preserve
1050	<i>Acer saccharum</i>	Sugar Maple	35, 20, 12	12	Fair-Good	Three stems with a combined DBH of 42 cm; Stems fork just below breast height; Uneven crown; Minor dieback and thinning.	4.2	Preserve
1051	<i>Robinia pseudoacacia</i>	Black Locust	36	7	Fair	Moderate dieback and thinning; Suppressed on north side of tree by neighbouring Sugar Maple.	3.6	Preserve
1052	<i>Robinia pseudoacacia</i>	Black Locust	20	NA	Dead	Standing snag leaning towards the south; Potential risk tree.	N/A	Remove due to Condition
1053	<i>Juglans nigra</i>	Black Walnut	85	16	Fair	Vertical cracks along trunk; Moderate dieback and thinning; Some dead large branches.	N/A	Remove due to Development
1054	<i>Acer platanoides</i>	Norway Maple	20	5	Fair-Good	Minor dieback; Uneven crown due to neighbouring tree.	N/A	Remove due to Development
1055	<i>Robinia pseudoacacia</i>	Black Locust	15	3	Fair-Good	Good vigour; Uneven crown due to neighbouring trees.	N/A	Remove due to Development
1056	<i>Robinia pseudoacacia</i>	Black Locust	11	4	Fair-Good	Good vigour; Uneven crown due to neighbouring trees.	N/A	Remove due to Development
1057	<i>Acer platanoides</i>	Norway Maple	18	6	Good	Good form and vigour.	N/A	Remove due to Development
1059	<i>Acer platanoides</i>	Norway Maple	18	9	Good	Good form and vigour.	N/A	Remove due to Development
1060	<i>Robinia pseudoacacia</i>	Black Locust	45	7	Poor-Fair	Tree declining in health; Approximately 40% dieback of crown.	N/A	Remove due to Development
1061	<i>Acer saccharum</i>	Sugar Maple	9	8	Good	Relatively large crown spread for small tree; Good vigour.	N/A	Remove due to Development
1062	<i>Acer platanoides</i>	Norway Maple	15	6	Good	Good form and vigour.	N/A	Remove due to Development
1063	<i>Acer platanoides</i>	Norway Maple	23	8	Good	Good form and vigour.	N/A	Remove due to Development
1064	<i>Acer platanoides</i>	Norway Maple	13	4	Fair	Uneven crown and leaning slightly towards the south; Peeling bark all along the stem.	N/A	Remove due to Development
1065	<i>Robinia pseudoacacia</i>	Black Locust	19	3	Good	Good vigour; Relatively small crown.	N/A	Remove due to Development

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
1066	<i>Robinia pseudoacacia</i>	Black Locust	24, 22	5	Good	Codominant stems with a combined DBH of 33 cm; Stems fork near ground; Relatively small crown but good vigour.	N/A	Remove due to Development
1067	<i>Acer platanoides</i>	Norway Maple	28	8	Good	Good form and vigour.	N/A	Remove due to Development
1068	<i>Acer platanoides</i>	Norway Maple	20	6	Good	Good form and vigour.	N/A	Remove due to Development
1069	<i>Acer platanoides</i>	Norway Maple	14	4	Fair-Good	Good vigour; Relatively small crown and uneven crown due to neighbouring Black Locust.	N/A	Remove due to Development
1070	<i>Robinia pseudoacacia</i>	Black Locust	16, 11	4	Good	Two stems with a combined DBH of 19 cm; Stems fork near ground; Uneven and relatively small crown.	N/A	Remove due to Development
1071	<i>Acer platanoides</i>	Norway Maple	22	7	Good	Good form and vigour.	N/A	Remove due to Development
1072	<i>Robinia pseudoacacia</i>	Black Locust	21, 10, 11, 22	6	Fair	Multi-stemmed with a combined DBH of 34 cm; Stems fork near ground; Moderate number of dead branches; Moderate dieback and thinning.	N/A	Remove due to Development
1073	<i>Robinia pseudoacacia</i>	Black Locust	21	5	Good	Relatively small crown; Good vigour.	N/A	Remove due to Development
1074	<i>Robinia pseudoacacia</i>	Black Locust	26, 18	8	Fair-Good	Two stems with a combined DBH of 32 cm; Good vigour; Stems fork at ground; Utility lines within canopy.	N/A	Remove due to Development
1076	<i>Robinia pseudoacacia</i>	Black Locust	14, 11	4	Good	Two stems with a combined DBH of 18 cm; Stems fork near ground; Good vigour.	N/A	Remove due to Development
1077	<i>Robinia pseudoacacia</i>	Black Locust	35	8	Good	Good form and vigour.	N/A	Remove due to Development
1078	<i>Robinia pseudoacacia</i>	Black Locust	39	6	Fair-Good	Minor dieback and dead branches; Good vigour.	N/A	Remove due to Development
1079	<i>Robinia pseudoacacia</i>	Black Locust	15, 16, 8, 8	7	Good	Multi-stemmed with a combined DBH of 25 cm; Good vigour; Stems fork near ground.	N/A	Remove due to Development
1080	<i>Robinia pseudoacacia</i>	Black Locust	11, 10, 9	4	Good	Three stems with a combined DBH of 17 cm; Good vigour; Stems fork at ground.	N/A	Remove due to Development
1081	<i>Robinia pseudoacacia</i>	Black Locust	10, 8	4	Good	Two stems with a combined DBH of 13 cm; Good vigour; Stems fork at ground.	N/A	Remove due to Development
1082	<i>Robinia pseudoacacia</i>	Black Locust	40	11	Good	Good form and vigour.	N/A	Remove due to Development
1083	<i>Robinia pseudoacacia</i>	Black Locust	18	5	Good	Good vigour; Uneven crown; Located near bottom of ditch.	N/A	Remove due to Development
1084	<i>Robinia pseudoacacia</i>	Black Locust	45	9	Fair-Good	Minor dieback and thinning; Uneven crown.	N/A	Remove due to Development
1085	<i>Fraxinus pennsylvanica</i>	Green Ash	14	5	Fair	Moderate dieback and thinning; Epicormic shoots near ground.	N/A	Remove due to Development
1086	<i>Pinus sylvestris</i>	Scots Pine	28	4	Good	Good vigour; Relatively small crown.	N/A	Remove due to Development
1087	<i>Pinus sylvestris</i>	Scots Pine	45	7	Good	Good form and vigour.	4.5	Preserve
1088	<i>Populus x canadensis</i>	Carolina Poplar	32	7	Good	Good form and vigour; Located near bottom of ditch.	3.2	Preserve
1089	<i>Aesculus glabra</i>	Ohio Buckeye	10	3	Good	Good form and vigour.	2.4	Preserve
1090	<i>Aesculus glabra</i>	Ohio Buckeye	12	4	Good	Good form and vigour.	2.4	Preserve
1091	<i>Populus x canadensis</i>	Carolina Poplar	16	5	Good	Good form and vigour.	2.4	Preserve
1092	<i>Pinus sylvestris</i>	Scots Pine	34	6	Good	Good form and vigour.	3.4	Preserve
1093	<i>Acer saccharum</i>	Sugar Maple	90	14	Fair	Large mature tree with moderate dieback and thinning; Large dead branches within crown.	N/A	Remove due to Development
1094	<i>Aesculus glabra</i>	Ohio Buckeye	7	3	Good	Good form and vigour.	2.4	Preserve
1095	<i>Acer saccharinum</i>	Silver Maple	76	18	Fair-Good	Stems fork at breast height; Minor dieback and thinning; Both stems leaning towards the east.	7.6	Preserve
1096	<i>Acer saccharinum</i>	Silver Maple	50, 55	18	Good	Codominant stems with a combined DBH of 74 cm; Good form and vigour; Stems fork just below breast height.	5.5	Preserve
1097	<i>Acer saccharinum</i>	Silver Maple	44, 33	14	Fair-Good	Two stems with a combined DBH of 55 cm; Stems fork near ground; Good vigour with minor dieback and thinning; Stems both leaning towards the south.	4.4	Preserve
1098	<i>Pinus sylvestris</i>	Scots Pine	37	6	Good	Good form and vigour.	3.7	Preserve

Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition <sup>1</sup>	Comments	TPZ Radius <sup>2</sup> (m)	Tree Preservation Recommendation
1099	<i>Pinus sylvestris</i>	Scots Pine	43	9	Good	Good form and vigour; Previously tagged as 530.	4.3	Preserve
1100	<i>Ulmus sp.</i>	Elm Cultivar	11	5	Good	Good form and vigour.	2.4	Preserve

- The tree health condition rating was based on factors that could include one or a combination of:
  - Poor Condition* – Severe dieback, significant lean, decayed, missing leader, significant disease presence
  - Fair Condition* – Moderate dieback and/or lean, limb defects, multiple stems, moderate foliage damage from stress
  - Good Condition* – Healthy vigorous growth, no or minor visible defects or damage
  - Very Good Condition* – Healthy vigorous growth, no visible defects or damage
- The minimum TPZ distance as per Town of Aurora's Tree Protection/Preservation Policy (2015).

# Appendix C

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## Photographic Reference Trees Within Regional Road Allowance

## Appendix C

### Photographic Reference of Trees Within Regional Road Allowance (February 22, 2021)



Photograph 1. Tree Nos. 1037 to 1053 (left to right) Facing North





**Photograph 2. Tree Nos. 1054 to 1074, and 1093 (left to right) Facing Northwest**



**Photograph 3. Tree Nos. 1076 to 1086 (furthest to closest) Facing East**



**Photograph 4. Tree Nos. 1084 to 1086 (right to left) Facing East**



**Photograph 5. Tree Nos. 1087 and 1088 (left to right) Facing East**



**Photograph 6. Tree Nos. 1089 to 1091 (right to left) Facing East**



**Photograph 7. Tree Nos. 1092 and 1094 (right to left) Facing East**



**Photograph 8. Tree Nos.1095 to 1098 (furthest to closest) Facing East**



**Photograph 9. Tree Nos. 1099 and 1100 (right to left) Facing West**

# Appendix D

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## Town of Aurora Tree Preservation Note and Tree Protection Fencing Diagram



1. Protection Fencing shall be installed by the owner's forces and approved by the Town of Aurora prior to commencement of any demolition, grading or construction activities on the lands. All protection measures shall be monitored by the owner's arborist / landscape architect for the duration of the construction period.

2. All existing trees designated to be preserved shall be fully protected with protection fence erected outside the drip line of trees. Groups of trees and vegetation to be protected shall be done in a like manner with protective fencing around the entire grouping(s). Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials or equipment.

3. No rigging cables shall be wrapped around or installed in trees. Surplus soil, equipment, debris or materials shall not be placed over root systems of the trees within the protective fencing area. No contaminants shall be dumped or flushed where feeder roots of trees exist.

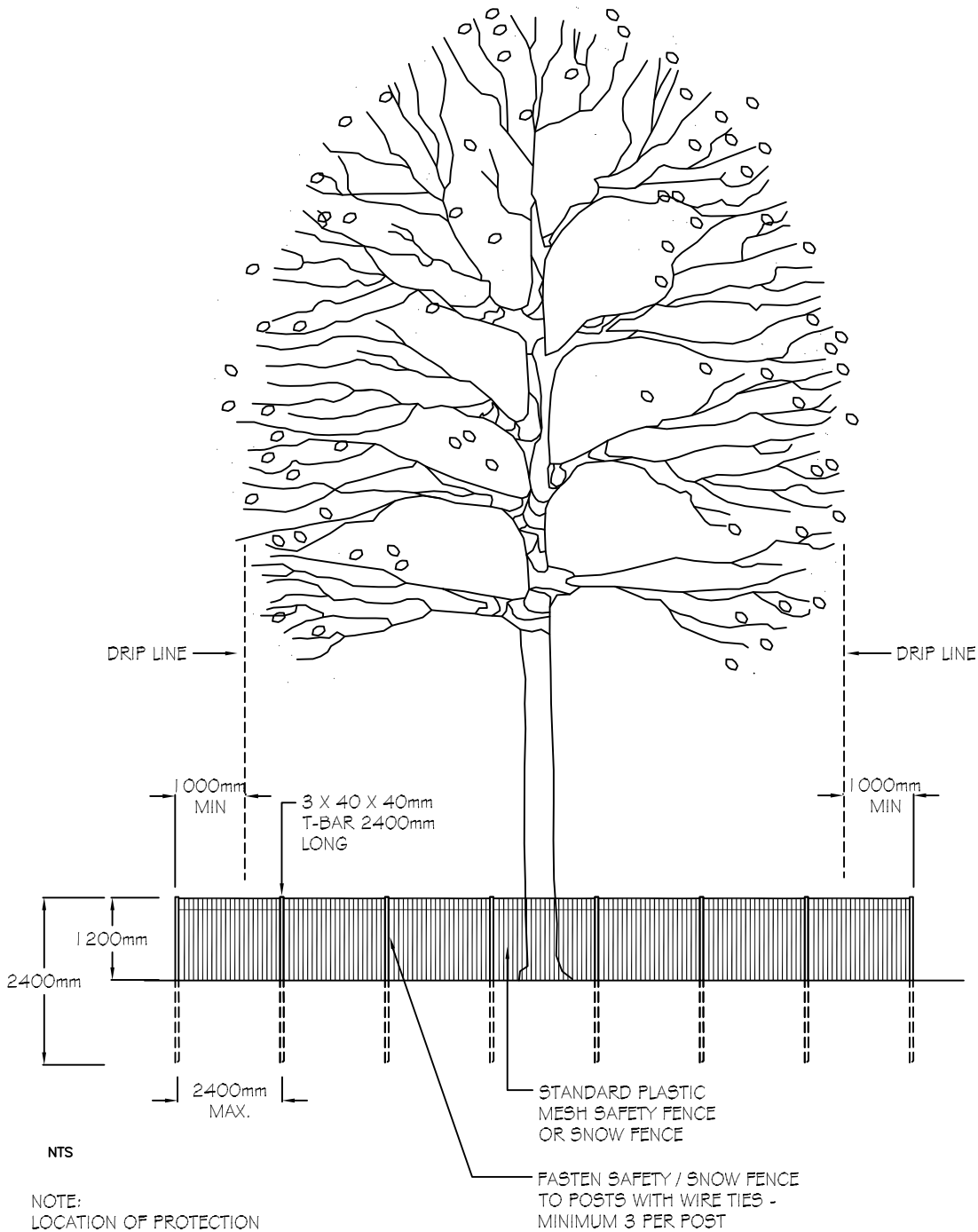
4. Limbs or portions of trees removed to accommodate construction work shall be cleanly cut utilizing the collar cut method.

5. If grades around trees to be protected are likely to change, the owner's forces shall be required to take any precautions such as dry welling and root feeding or any other method recommended by the arborist / landscape architect and approved by the Town of Aurora.

6. Root systems of protected trees that are exposed or damaged by construction work shall be trimmed neatly. The area shall be back-filled with an appropriate material or sprayed with an approved antidesiccant to prevent drying. Where necessary, the trees will be given an overall pruning to restore the balance between roots and top-growth or to restore the appearance of the tree.

7. Trees designated to be preserved and that have become damaged or die throughout the construction period, or for a period of two (2) years thereafter, shall be replaced in one of the following ways: i) Trees shall be replaced one-for-one with trees of similar species and equal diameter at breast height (DBH) or, ii) Trees shall be replaced with several trees of similar species providing an accumulative DBH equal to the total DBH of trees lost or, iii) Trees shall be evaluated monetarily according to the standards set out by the International Society of Arboriculture and replacement planting shall be of an equivalent value. Method and location of replacement planting shall be to the approval of the Director of Leisure Services.

9. Any trees designated for removal shall have the stumps completely excavated and removed from the site.



# TYPE 1 PROTECTION FENCING

NOVEMBER 2005

DRAWING NO.:

**TP-2**

# Appendix E

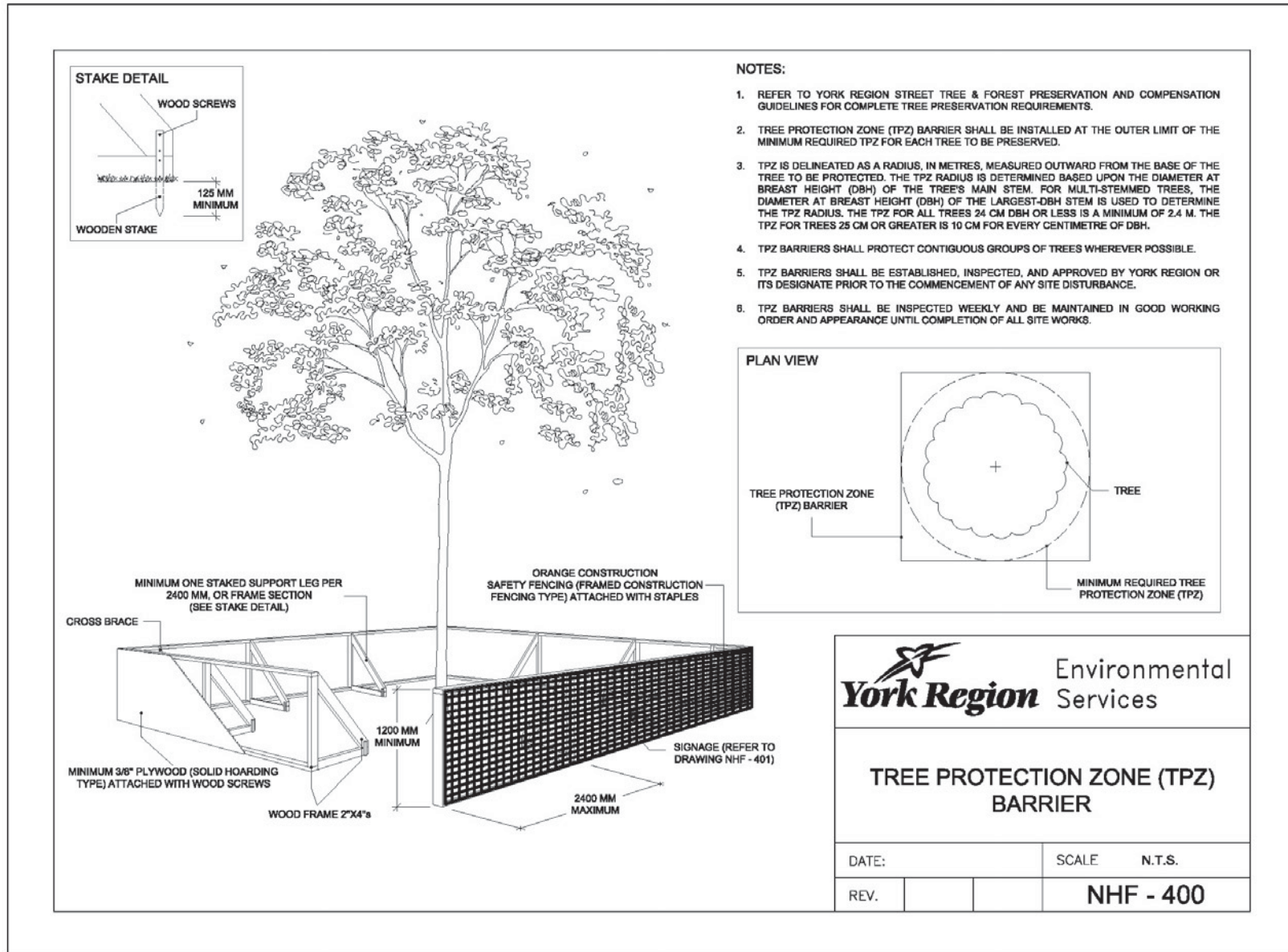
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## York Region TPZ Barrier Specifications (Drawing NHF-400)



# Appendix 1: Typical Detail Drawings

## NHF-400: Tree Protection Zone (TPZ) barriers



# Appendix F

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## York Region Standard Tree Protection Notes (Drawing NHF-402)

**NHF-402: Standard tree protection notes**

**General**

- These notes are in support of York Region's Street Tree and Forest Preservation and Compensation Guidelines. Refer to the Guidelines prior to undertaking any site disturbance in proximity to trees on York Region-owned property.
- York Region Street Tree and Forest Preservation and Compensation Guidelines must be implemented if there is a reasonable likelihood that any site works will in any way encroach upon minimum required Tree Protection Zones (TPZs), whether such encroachment is planned or inadvertent, or if trees to be preserved are located within 10 metres of the limits of proposed site disturbance.

**Tree Protection Zone (TPZ)**

- A minimum Tree Protection Zone (TPZ) will be established around every tree to be preserved in accordance with the York Region Street Tree and Forest Preservation and Compensation Guidelines and a York Region-approved Tree Preservation Plan.
- No entry or activity shall be permitted within the TPZ without prior written approval of York Region Environmental Services Department, Natural Heritage and Forestry Division.
- Prohibited activities within the TPZ include but are not limited to: installation or attachment of any items to the tree; operation of equipment or machinery; storage of equipment, machinery or materials; access by any personnel; placement of trailers, temporary buildings or structures; flushing, storage or dumping of fuels, chemicals or other contaminants; stockpiling of soil; digging, trenching, or excavation; and/or change to existing grade.

**Tree Protection Zone (TPZ) Barrier**

- A Tree Protection Zone (TPZ) barrier shall be constructed around the TPZ of every tree to be preserved in accordance with the York Region Street Tree and Forest Preservation and Compensation Guidelines and a York Region-approved Tree Preservation Plan.
- Where trees to be protected are located in close proximity to each other, the TPZ barrier shall be installed to protect trees in contiguous groups.
- The TPZ barrier shall be installed prior to commencement of any site disturbance. Site disturbance shall not commence until the installation of all TPZ barriers has been completed, and has been verified and approved by York Region or its designate.
- The TPZ barrier shall be constructed on a 2x4 frame. The height of the frame shall measure a minimum of 1.2 m (4 feet), and the width of individual frame sections shall not exceed 2.4 m (8 feet).
- The frame shall be supported by diagonal 2x4 support legs installed inside the TPZ, secured to the frame using wood screws, and secured to the ground using an wooden stake installed a minimum of 125 mm into the ground. A minimum of 1 support leg shall be installed per 2.4 m (8 feet) of linear TPZ barrier distance, or per frame section.
- Framed construction fencing is the primary method for TPZ barrier construction. Orange construction safety fencing shall be securely and tightly stapled to the outside of the TPZ barrier frame to construct the framed construction fencing TPZ barrier type. Other fencing materials (e.g., chicken wire, green snow fence, etc.) shall not be used.
- Solid hoarding shall be installed where there is a significant risk of fill or other material being piled against the TPZ barrier, or where heavy machinery is to be operated in close proximity to the TPZ barrier. Plywood or oriented strand board (OSB) sheathing with a minimum thickness of 3/8" shall be affixed using wood screws to the outside of the TPZ barrier frame to construct the solid hoarding TPZ barrier type. Nails, staples or other fasteners shall not be used.
- Signage, as shown in typical detail drawing 'Tree Protection Zone (TPZ) Signage NHF-401', shall be installed on all sides of the TPZ barrier. The distance between individual signs shall not exceed 10 metres on any one side of the TPZ barrier.
- If described as required in the Tree Preservation Report, silt barrier fencing shall be installed using a 'no-dig' method as described in the York Region Street Tree and Forest Preservation and Compensation Guidelines.

**Maintenance**

- TPZ barriers shall remain in place and in good working order and appearance throughout the duration of site disturbance until completion of all works.
- TPZ barriers shall not be moved, modified or relocated at any time without the approval of York Region or its designate.
- TPZ barriers shall be inspected by a qualified tree professional once-weekly or on a schedule approved by York Region or its designate. Any deficiencies shall be noted in writing and any TPZ barriers found to be in substandard condition shall be repaired, modified or replaced as necessary within five working days of formal notification by York Region or its designate.

**Pruning**

- No tree branches or tree roots shall be pruned without written approval of York Region or its designate. Any proposed pruning must be described in the Tree Preservation Report and must be approved by York Region or its designate prior to its undertaking.
- Approved pruning must be undertaken by an ISA Certified Arborist or an Ontario College of Trades 444A Arborist or Arborist Apprentice only.
- No trades personnel are permitted to prune tree branches or tree roots.

**Other**

- Other tree preservation measures may be required to be implemented wherever site disturbance is proposed, anticipated or likely to occur within or in close proximity to Tree Protection Zones (TPZs) and trees to be preserved. Other acceptable tree preservation measures are described in the York Region Street Tree and Forest Preservation and Compensation Guidelines.
- All proposed tree preservation measures must be described in the Tree Preservation Report and shown on the Tree Preservation Plan.

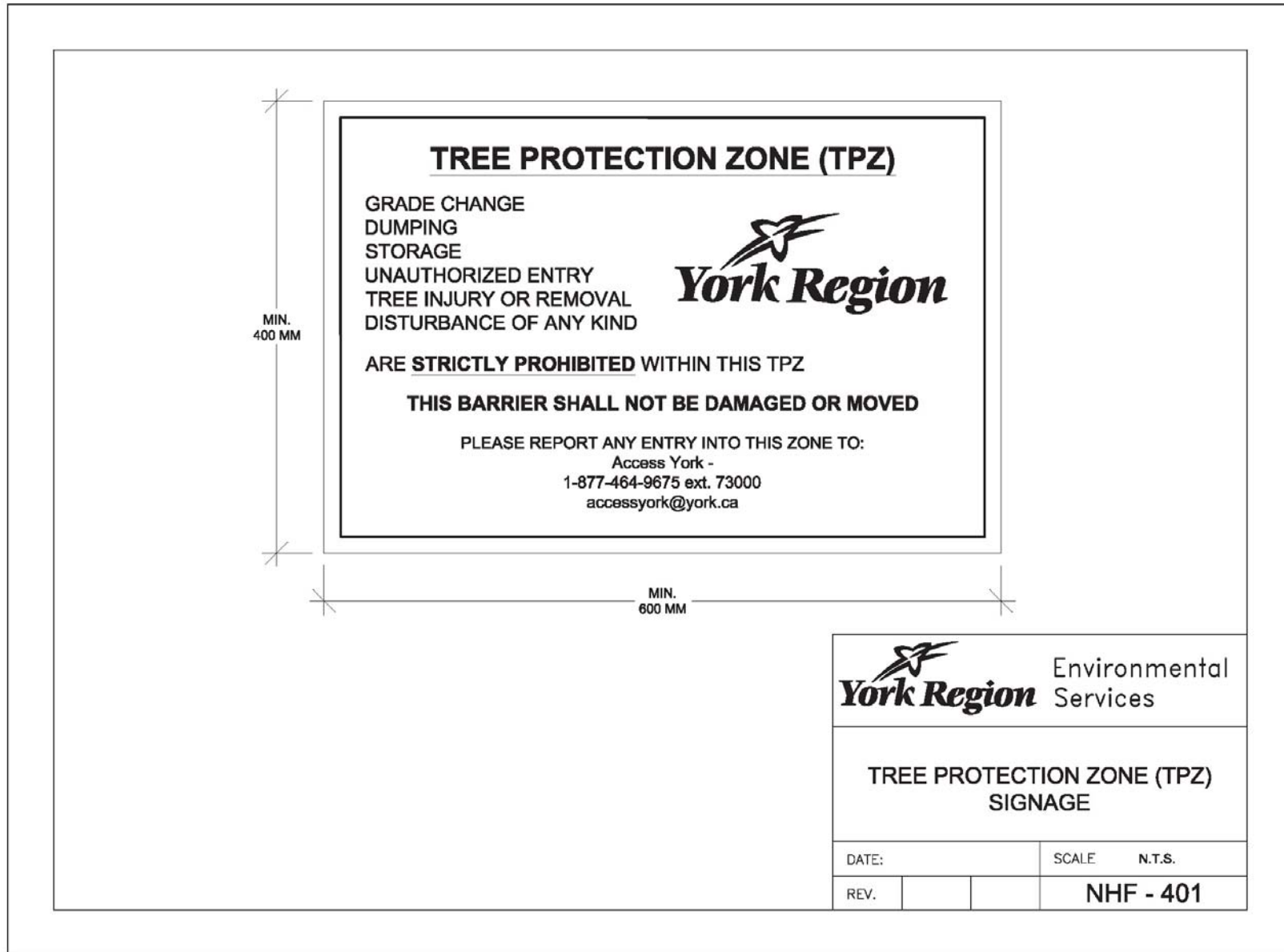
		<b>Environmental Services</b>
<b>STANDARD TREE PROTECTION NOTES</b>		
DATE:		SCALE    N.T.S.
REV.		<b>NHF - 402</b>

# Appendix G

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## York Region Tree Protection Zone (TPZ) Signage

**NHF-401: Tree Protection Zone (TPZ) signage**



# Appendix H

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## ISA Ontario Species Ratings List

## APPENDIX II SPECIES RATINGS

BOTANICAL NAME	COMMON NAME	RATING
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<i>Abies balsamea</i>	Balsam Fir	48
<i>Abies concolor</i>	White Fir	76
<i>Acer saccharum</i> & C.S.	Sugar Maple	75-82
<i>Acer palmatum</i> & C.S.	Japanese Maple	71-82
<i>Acer pseudoplatanus</i>	Sycamore Maple	68
<i>Acer negundo</i>	Manitoba Maple	38
<i>Acer genially</i>	Amur Maple	63
<i>Acer campestre</i>	Hedge Maple	68
<i>Acer plat.</i> "Deborah/Schwedler"	Deborah/Schwedler Maple	70-77
<i>Acer rubrum</i> & C.S.	Red Maple	60-69
<i>Acer saccharinum</i>	Silver Maple	56-65
<i>Acer platanoides</i>	Norway Maple	68
<i>Acer platanoides</i> "Columnar"	Columnar Maple	78
<i>Acer platanoides</i> "Emerald Queen"	Emerald Queen Maple	73
<i>Acer plat.</i> "Crim.King/Royal Red"	Crim.King/Roy. Red Maple	70-78
<i>Acer platanoides</i> "Drummondii"	Harlequin Maple	70
<i>Acer platanoides</i> "Globosum"	Globe Maple	69
<i>Aesculus hippocastanum</i> & C.S.	Horsechestnut	57-67
<i>Ailanthus altissima</i>	Tree-Of-Heaven	49
<i>Alnus spp.</i> & C.S.	Alder	34-53
<i>Amelanchier spp.</i> & C.S.	Serviceberry	67-77
<i>Betula alleghaniensis</i>	Yellow Birch	64
<i>Betula spp.</i> & C.S.	Birch	55-63
<i>Carpinus betulus</i> & C.S.	European Hornbeam	62-78
<i>Carpinus caroliniana</i>	American Hornbeam	70
<i>Carya spp.</i>	Hickory	64-74
<i>Catalpa bignonioides</i>	Common Catalpa	55-67
<i>Catalpa speciosa</i>	Western Catalpa	49
<i>Celtis occidentalis</i>	Hackberry	66
<i>Cercidiphyllum japonicum</i>	Japanese Katsura	73
<i>Cercis canadensis</i>	Redbud	69
<i>Chamaecyparis spp.</i> & C.S.	False Cypress	68-85
<i>Cornus florida</i>	Flowering Dogwood	72
<i>Corylus columna</i>	Turkish Hazel	75
<i>Crataegus spp.</i> & C.S.	Hawthorn	44-53
<i>Eleagnus angustifolia</i>	Russian Olive	56
<i>Fagus grandifolia</i>	American Beech	70
<i>Fagus sylvatica</i> & C.S.	European Beech	77-89
<i>Fraxinus excelsior</i>	European Ash	60
<i>Fraxinus americana</i> & C.S.	White Ash	69-75
<i>Fraxinus nigra</i>	Black Ash	57
<i>Fraxinus pensylvanica</i> & C.S.	Red Ash (Green Ash)	63-72
<i>Ginkgo biloba</i> & C.S.	Maidenhair Tree	60-71
<i>Gleditsia triacanthos</i>	Honey Locust	66
<i>Gleditsia triacanthos inermis</i> & C.S.	Thornless Honey Locust	68-78
<i>Gymnocladus dioicus</i>	Kentucky Coffee Tree	67-81
<i>Juglans cinerea</i>	Butternut	63
<i>Juglans nigra</i>	Black Walnut	67
<i>Juniperus spp.</i> & C.S.	Juniper	55-68
<i>Laburnum spp.</i> & C.S.	Goldenchain Tree	58-71
<i>Larix spp.</i> & C.S.	Larch	62-72
<i>Liriodendron tulipifera</i>	Tulip Tree	77
<i>Magnolia spp.</i> & C.S.	Magnolia	69-78
<i>Malus spp.</i> & C.S.	Apple	52-62
<i>Metasequoia glyptostroboides</i>	Dawn Redwood	87
<i>Morus spp.</i>	Mulberry	43-60
<i>Morus alba</i> "Pendula"	Weeping Mulberry	62
<i>Ostrya virginiana</i>	Hop Hornbeam	62
<i>Phellodendron amurense</i>	Amur Cork Tree	71
<i>Picea glauca</i>	White Spruce	72
<i>Picea mariana</i>	Black Spruce	58
<i>Picea pungens</i> & C.S.	Colorado Spruce	72-80

BOTANICAL NAME	COMMON NAME	RATING
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<i>Picea omorika</i>	Serbian Spruce	78
<i>Picea abies</i>	Norway Spruce	71
<i>Pinus strobus</i>	White Pine	75
<i>Pinus sylvestris</i>	Scots Pine	53
<i>Pinus banksiana</i>	Jack Pine	53
<i>Pinus nigra</i>	Austrian Pine	63
<i>Pinus resinosa</i>	Red Pine	70
<i>Platanus acerifolia</i>	London Planetree	68
<i>Platanus occidentalis</i>	Sycamore	69
<i>Populus tremuloides</i>	Trembling Aspen	48
<i>Populus alba</i> & C.S.	White Poplar	36-54
<i>Populus spp.</i> & C.S.	Poplar	35-45
<i>Prunus serotina</i>	Black Cherry	63
<i>Prunus spp.</i>	Plum	35-58
<i>Prunus serrulata</i> & C.S.	Japanese Flowering Cherry	58-73
<i>Prunus pensylvanica</i>	Pin Cherry	52
<i>Prunus cistena</i>	Purpleleaf Sand Cherry	63
<i>Prunus virginiana</i> & C.S.	Choke Cherry	52-67
<i>Pseudotsuga menziesii</i>	Douglas Fir	70
<i>Pyrus calleryana</i> & Thornless C.S.	Callery Pear	67-82
<i>Quercus velutina</i>	Black Oak	68
<i>Quercus palustris</i>	Pin Oak	69
<i>Quercus alba</i>	White Oak	79
<i>Quercus rubra</i>	Red Oak	81
<i>Quercus macrocarpa</i>	Burr Oak	76
<i>Quercus robur</i>	English Oak	75-83
<i>Robinia pseudoacacia</i>	Black Locust	56
<i>Salix caprea</i>	Pussy Willow	45
<i>Salix alba</i> & C.S.	White Willow	40-51
<i>Salix matsudana</i> "Tortuosa"	Corkscrew Willow	54
<i>Salix nigra</i>	Black Willow	47
<i>Sassafras albidum</i>	Sassafras	69
<i>Sorbus spp.</i> & C.S.	Mountain Ash	55-65
<i>Syringa reticulata</i> & C.S.	Japanese Tree Lilac	77-85
<i>Taxus cuspidata</i>	Japanese Yew	71
<i>Thuja occidentalis</i> & C.S.	Cedar (Arborvitae)	66-75
<i>Tilia spp.</i> & C.S.	Linden	67-76
<i>Tilia americana</i>	Basswood	63
<i>Tsuga canadensis</i>	Eastern Hemlock	68
<i>Ulmus americana</i> & C.S.	American Elm	52-66
<i>Ulmus pumila</i>	Siberian Elm	39
<i>Ulmus parvifolia</i>	Chinese Elm	41

# Appendix I

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## Town of Aurora Tree Replacement Quantity and Cost Calculations



# Appendix I

## Town of Aurora Tree Replacement Quantity and Cost Calculations

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
1	<i>Robinia pseudoacacia</i>	Black Locust	23	\$195	\$488	Fair-Good	\$293	0.56	\$163.80	3	\$491.40	\$491
3	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
4	<i>Pinus sylvestris</i>	Scots Pine	20	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
5	<i>Pinus sylvestris</i>	Scots Pine	20	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
6	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
7	<i>Pinus sylvestris</i>	Scots Pine	22	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
8	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
9	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
10	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
11	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
12	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
13	<i>Pinus sylvestris</i>	Scots Pine	24	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
14	<i>Pinus sylvestris</i>	Scots Pine	23	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
15	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
16	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
17	<i>Pinus sylvestris</i>	Scots Pine	23	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
18	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
19	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
20	<i>Pinus sylvestris</i>	Scots Pine	26	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
21	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
22	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
23	<i>Pinus strobus</i>	White Pine	26	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
24	<i>Pinus sylvestris</i>	Scots Pine	22	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
25	<i>Pinus sylvestris</i>	Scots Pine	28	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
26	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
27	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
28	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
29	<i>Picea glauca</i>	White Spruce	29	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
30	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
31	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Poor-Fair	\$77	0.72	\$55.44	3	\$166.32	\$166
32	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
33	<i>Robinia pseudoacacia</i>	Black Locust	20	\$195	\$488	Fair	\$293	0.56	\$163.80	3	\$491.40	\$491
34	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
35	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
36	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
37	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Poor-Fair	\$77	0.72	\$55.44	3	\$166.32	\$166
38	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
39	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
40	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
41	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
42	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
43	<i>Picea glauca</i>	White Spruce	26	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
44	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
45	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
46	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
47	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
48	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
49	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
50	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
52	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
53	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
54	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
55	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
56	<i>Picea glauca</i>	White Spruce	28	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
57	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
58	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
59	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
60	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
61	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
62	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
63	<i>Picea glauca</i>	White Spruce	25	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
64	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
65	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
66	<i>Picea glauca</i>	White Spruce	26	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
67	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
68	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
69	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
70	<i>Picea glauca</i>	White Spruce	24	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
71	<i>Picea glauca</i>	White Spruce	23	\$154	\$385	Poor	\$77	0.72	\$55.44	3	\$166.32	\$166
72	<i>Picea glauca</i>	White Spruce	26	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
74	<i>Quercus rubra</i>	Red Oak	20	\$265	\$663	Fair-Good	\$398	0.81	\$321.98	3	\$965.93	\$966
75	<i>Quercus rubra</i>	Red Oak	21	\$265	\$663	Fair	\$398	0.81	\$321.98	3	\$965.93	\$966
76	<i>Acer saccharum</i>	Sugar Maple	29	\$225	\$563	Fair-Good	\$338	0.75	\$253.13	3	\$759.38	\$759
77	<i>Juglans regia</i>	English Walnut	36	\$235	\$588	Poor-Fair	\$118	0.67	\$78.73	3	\$236.18	\$236
78	<i>Quercus rubra</i>	Red oak	30	\$265	\$663	Good	\$663	0.81	\$537.03	3	\$1,611.09	\$1,611
79	<i>Acer saccharinum</i>	Silver Maple	21	\$175	\$438	Good	\$438	0.56	\$245.28	3	\$735.84	\$736
80	<i>Acer platanoides</i>	Norway Maple	22	\$225	\$563	Good	\$563	0.68	\$382.84	3	\$1,148.52	\$1,149
81	<i>Acer saccharum</i>	Sugar Maple	22	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
82	<i>Quercus rubra</i>	Red Oak	20	\$265	\$663	Fair	\$398	0.81	\$321.98	3	\$965.93	\$966
83	<i>Acer saccharinum</i>	Silver Maple	22	\$175	\$438	Good	\$438	0.56	\$245.28	3	\$735.84	\$736
84	<i>Tilia cordata</i>	Littleleaf Linden	31	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
85	<i>Acer saccharum</i>	Sugar Maple	26	\$225	\$563	Fair-Good	\$338	0.75	\$253.13	3	\$759.38	\$759
86	<i>Acer saccharum</i>	Sugar Maple	26	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
87	<i>Acer saccharum</i>	Sugar Maple	29	\$225	\$563	Fair	\$338	0.75	\$253.13	3	\$759.38	\$759
88	<i>Salix fragilis</i>	Crack Willow	21	\$175	\$438	Good	\$438	0.40	\$175.20	3	\$525.60	\$526
89	<i>Salix fragilis</i>	Crack Willow	31	\$175	\$438	Good	\$438	0.40	\$175.20	3	\$525.60	\$526
90	<i>Salix fragilis</i>	Crack Willow	22	\$175	\$438	Good	\$438	0.40	\$175.20	3	\$525.60	\$526
91	<i>Acer x freemanii</i>	Freeman's Maple	52	\$175	\$438	Fair	\$263	0.56	\$147.00	3	\$441.00	\$441
92	<i>Picea pungens</i>	Colorado Blue Spruce	61	\$214	\$535	Good	\$535	0.72	\$385.20	3	\$1,155.60	\$1,156
93	<i>Picea pungens</i>	Colorado Blue Spruce	30	\$214	\$535	Fair	\$321	0.72	\$231.12	3	\$693.36	\$693
98	<i>Quercus rubra</i>	Red Oak	21	\$265	\$663	Good	\$663	0.81	\$537.03	3	\$1,611.09	\$1,611
100	<i>Pinus strobus</i>	White Pine	47	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
101	<i>Pinus strobus</i>	White Pine	40	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
103	<i>Acer saccharinum</i>	Silver Maple	54	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
104	<i>Quercus rubra</i>	Red Oak	24	\$265	\$663	Good	\$663	0.81	\$537.03	3	\$1,611.09	\$1,611
106	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
107	<i>Picea pungens</i>	Colorado Blue Spruce	38	\$214	\$535	Fair	\$321	0.72	\$231.12	3	\$693.36	\$693
109	<i>Picea pungens</i>	Colorado Blue Spruce	35	\$214	\$535	Fair-Good	\$321	0.72	\$231.12	3	\$693.36	\$693
111	<i>Picea glauca</i>	White Spruce	40	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
112	<i>Pinus strobus</i>	White Pine	37	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
113	<i>Picea abies</i>	Norway Spruce	37	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
114	<i>Picea abies</i>	Norway Spruce	30	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
115	<i>Picea abies</i>	Norway Spruce	29	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
116	<i>Picea abies</i>	Norway Spruce	37	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
117	<i>Pinus strobus</i>	White Pine	26	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
119	<i>Pinus strobus</i>	White Pine	22	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
121	<i>Pinus strobus</i>	White Pine	29	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
122	<i>Pinus strobus</i>	White Pine	31	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
124	<i>Juglans nigra</i>	Black Walnut	39	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
125	<i>Juglans nigra</i>	Black Walnut	53	\$235	\$588	Fair-Good	\$353	0.67	\$236.18	3	\$708.53	\$709
127	<i>Pinus strobus</i>	White Pine	33	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
128	<i>Pinus strobus</i>	White Pine	44	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
131	<i>Pinus strobus</i>	White Pine	48	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
132	<i>Juglans nigra</i>	Black Walnut	27	\$235	\$588	Fair-Good	\$353	0.67	\$236.18	3	\$708.53	\$709
133	<i>Pinus strobus</i>	White Pine	40	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
134	<i>Pinus strobus</i>	White Pine	37	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
135	<i>Pinus strobus</i>	White Pine	33	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
136	<i>Pinus strobus</i>	White Pine	42	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
137	<i>Picea abies</i>	Norway Spruce	38	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
138	<i>Picea abies</i>	Norway Spruce	27	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
139	<i>Pinus sylvestris</i>	Scots Pine	35	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
140	<i>Pinus nigra</i>	Austrian Pine	30	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
141	<i>Pinus sylvestris</i>	Scots Pine	44	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
142	<i>Pinus nigra</i>	Austrian Pine	25	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
143	<i>Picea abies</i>	Norway Spruce	34	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
144	<i>Picea abies</i>	Norway Spruce	29	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
145	<i>Picea abies</i>	Norway Spruce	33	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
146	<i>Picea abies</i>	Norway Spruce	25	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
147	<i>Pinus sylvestris</i>	Scots Pine	32	\$148	\$370	Fair	\$222	0.53	\$117.66	3	\$352.98	\$353
150	<i>Pinus sylvestris</i>	Scots Pine	30	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
151	<i>Picea abies</i>	Norway Spruce	25	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
154	<i>Picea abies</i>	Norway Spruce	38	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
155	<i>Picea abies</i>	Norway Spruce	24	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
156	<i>Pinus strobus</i>	White Pine	46	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
157	<i>Pinus strobus</i>	White Pine	23	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
159	<i>Pinus sylvestris</i>	Scots Pine	28	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
160	<i>Pinus nigra</i>	Austrian Pine	35	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
161	<i>Picea abies</i>	Norway Spruce	25	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
162	<i>Pinus strobus</i>	White Pine	30	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
163	<i>Pinus strobus</i>	White Pine	44	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
165	<i>Pinus strobus</i>	White Pine	25	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
166	<i>Pinus nigra</i>	Austrian Pine	21	\$225	\$563	Poor-Fair	\$113	0.63	\$70.88	3	\$212.63	\$213
169	<i>Pinus strobus</i>	White Pine	22	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
170	<i>Thuja occidentalis</i>	Eastern White Cedar	21	\$214	\$535	Fair	\$321	0.66	\$211.86	3	\$635.58	\$636
171	<i>Picea glauca</i>	White Spruce	31	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
172	<i>Picea glauca</i>	White Spruce	27	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
173	<i>Pinus strobus</i>	White Pine	44	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
176	<i>Prunus serotina</i>	Black Cherry	21	\$175	\$438	Fair	\$263	0.63	\$165.38	3	\$496.13	\$496
177	<i>Juglans nigra</i>	Black Walnut	28	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
178	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
179	<i>Malus sp.</i>	Apple	32	\$185	\$463	Fair-Good	\$278	0.52	\$144.30	3	\$432.90	\$433
180	<i>Picea glauca</i>	White Spruce	37	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
183	<i>Pinus strobus</i>	White Pine	23	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
184	<i>Pinus strobus</i>	White Pine	40	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
185	<i>Pinus strobus</i>	White Pine	26	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
186	<i>Pinus strobus</i>	White Pine	33	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
187	<i>Pinus strobus</i>	White Pine	39	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
193	<i>Acer saccharum</i>	Sugar Maple	26	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
194	<i>Malus sp.</i>	Crabapple	13	\$225	\$563	Poor	\$113	0.52	\$58.50	2	\$117.00	\$117
198	<i>Picea pungens</i>	Colorado Blue Spruce	14	\$150	\$375	Fair	\$225	0.72	\$162.00	2	\$324.00	\$324
199	<i>Malus sp.</i>	Crabapple	13	\$225	\$563	Poor	\$113	0.52	\$58.50	2	\$117.00	\$117
201	<i>Acer platanoides</i>	Norway Maple	61	\$225	\$563	Poor-Fair	\$113	0.68	\$76.50	3	\$229.50	\$230
202	<i>Malus sp.</i>	Apple	45	\$185	\$463	Poor-Fair	\$93	0.52	\$48.10	3	\$144.30	\$144
203	<i>Malus sp.</i>	Apple	48	\$185	\$463	Fair	\$278	0.52	\$144.30	3	\$432.90	\$433
204	<i>Malus sp.</i>	Apple	76	\$185	\$463	Fair	\$278	0.52	\$144.30	3	\$432.90	\$433
205	<i>Malus sp.</i>	Apple	70	\$185	\$463	Poor	\$93	0.52	\$48.10	3	\$144.30	\$144
206	<i>Pinus nigra</i>	Austrian Pine	62	\$225	\$563	Fair-Good	\$338	0.63	\$212.63	3	\$637.88	\$638
207	<i>Acer platanoides</i>	Norway Maple	42	\$225	\$563	Fair-Good	\$338	0.68	\$229.50	3	\$688.50	\$689
208	<i>Pinus nigra</i>	Austrian Pine	73	\$225	\$563	Fair-Good	\$338	0.63	\$212.63	3	\$637.88	\$638

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
212	<i>Robinia pseudoacacia</i>	Black Locust	70	\$195	\$488	Poor	\$98	0.56	\$54.60	3	\$163.80	\$164
213	<i>Acer platanoides</i>	Norway Maple	120	\$225	\$563	Fair-Good	\$338	0.68	\$229.50	3	\$688.50	\$689
214	<i>Picea abies</i>	Norway Spruce	71	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
215	<i>Picea abies</i>	Norway Spruce	60	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
216	<i>Picea abies</i>	Norway Spruce	59	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
217	<i>Picea abies</i>	Norway Spruce	73	\$214	\$535	Fair	\$321	0.71	\$227.91	3	\$683.73	\$684
224	<i>Larix decidua</i>	European Larch	55	\$215	\$538	Fair-Good	\$323	0.62	\$199.95	3	\$599.85	\$600
225	<i>Larix decidua</i>	European Larch	22	\$215	\$538	Fair-Good	\$323	0.62	\$199.95	3	\$599.85	\$600
226	<i>Larix decidua</i>	European Larch	41	\$215	\$538	Fair-Good	\$323	0.62	\$199.95	3	\$599.85	\$600
227	<i>Larix decidua</i>	European Larch	60	\$215	\$538	Fair-Good	\$323	0.62	\$199.95	3	\$599.85	\$600
228	<i>Picea abies</i>	Norway Spruce	38	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
229	<i>Picea abies</i>	Norway Spruce	64	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
230	<i>Picea abies</i>	Norway Spruce	53	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
231	<i>Picea abies</i>	Norway Spruce	61	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
232	<i>Thuja occidentalis</i>	Eastern White Cedar	35	\$214	\$535	Good	\$535	0.66	\$353.10	3	\$1,059.30	\$1,059
233	<i>Picea abies</i>	Norway Spruce	58	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
234	<i>Picea abies</i>	Norway Spruce	59	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
235	<i>Picea abies</i>	Norway Spruce	51	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
236	<i>Picea abies</i>	Norway Spruce	68	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
237	<i>Picea abies</i>	Norway Spruce	42	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
238	<i>Picea abies</i>	Norway Spruce	12	\$135	\$338	Good	\$338	0.71	\$239.98	2	\$479.96	\$480
239	<i>Picea abies</i>	Norway Spruce	40	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
240	<i>Picea abies</i>	Norway Spruce	57	\$214	\$535	Good	\$85	0.71	\$60.35	3	\$181.05	\$181
241	<i>Picea abies</i>	Norway Spruce	54	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
242	<i>Picea abies</i>	Norway Spruce	53	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
243	<i>Picea abies</i>	Norway Spruce	53	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
244	<i>Acer platanoides</i>	Norway Maple	6	\$34	\$85	Good	\$85	0.68	\$57.80	1	\$57.80	\$58
245	<i>Picea abies</i>	Norway Spruce	58	\$214	\$535	Good	\$535	0.71	\$379.85	2	\$759.70	\$760
246	<i>Picea abies</i>	Norway Spruce	50	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
247	<i>Picea abies</i>	Norway Spruce	55	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
248	<i>Picea abies</i>	Norway Spruce	45	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
249	<i>Picea abies</i>	Norway Spruce	47	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
250	<i>Picea abies</i>	Norway Spruce	51	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
251	<i>Picea abies</i>	Norway Spruce	48	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
252	<i>Picea abies</i>	Norway Spruce	45	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	2	\$455.82	\$456
253	<i>Picea abies</i>	Norway Spruce	46	\$214	\$535	Poor-Fair	\$107	0.71	\$75.97	2	\$151.94	\$152
254	<i>Malus sp.</i>	Norway Spruce	34	\$214	\$535	Poor-Fair	\$107	0.71	\$75.97	2	\$151.94	\$152
255	<i>Malus sp.</i>	Apple	46	\$185	\$463	Poor-Fair	\$93	0.52	\$48.10	2	\$96.20	\$96
257	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	2	\$554.40	\$554
258	<i>Malus sp.</i>	Apple	66	\$185	\$463	Fair	\$278	0.52	\$144.30	2	\$288.60	\$289
259	<i>Ulmus americana</i>	American Elm	55	\$215	\$538	Fair-Good	\$323	0.52	\$167.70	2	\$335.40	\$335
260	<i>Acer saccharinum</i>	Silver Maple	55	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	2	\$294.00	\$294
261	<i>Acer saccharinum</i>	Silver Maple	56	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	2	\$294.00	\$294
262	<i>Juglans nigra</i>	Black Walnut	8	\$55	\$138	Fair-Good	\$83	0.67	\$55.28	1	\$55.28	\$55

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
263	<i>Acer saccharinum</i>	Silver Maple	36	\$175	\$438	Fair	\$263	0.56	\$147.00	3	\$441.00	\$441
264	<i>Acer saccharinum</i>	Silver Maple	36	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
265	<i>Acer saccharinum</i>	Silver Maple	72	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
266	<i>Juglans nigra</i>	Black Walnut	7	\$55	\$138	Good	\$138	0.67	\$92.46	1	\$92.46	\$92
267	<i>Acer saccharinum</i>	Silver Maple	73	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
268	<i>Malus sp.</i>	Apple	16	\$95	\$238	Good	\$238	0.52	\$123.76	2	\$247.52	\$248
269	<i>Juglans nigra</i>	Black Walnut	9	\$55	\$138	Good	\$138	0.67	\$92.46	1	\$92.46	\$92
270	<i>Acer saccharinum</i>	Silver Maple	60	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
271	<i>Acer saccharinum</i>	Silver Maple	68	\$175	\$438	Fair	\$263	0.56	\$147.00	3	\$441.00	\$441
272	<i>Juglans nigra</i>	Black Walnut	23	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
274	<i>Acer saccharinum</i>	Silver Maple	57	\$175	\$438	Poor-Fair	\$88	0.56	\$49.00	3	\$147.00	\$147
275	<i>Acer saccharinum</i>	Silver Maple	44	\$175	\$438	Fair-Good	\$263	0.56	\$147.00	3	\$441.00	\$441
276	<i>Juglans nigra</i>	Austrian Pine	20	\$225	\$563	Good	\$563	0.63	\$354.69	3	\$1,064.07	\$1,064
277	<i>Juglans nigra</i>	Austrian Pine	27	\$225	\$563	Good	\$563	0.63	\$354.69	3	\$1,064.07	\$1,064
279	<i>Juglans nigra</i>	Black Walnut	28	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
280	<i>Acer saccharinum</i>	Silver Maple	73	\$175	\$438	Fair	\$263	0.56	\$147.00	3	\$441.00	\$441
281	<i>Acer saccharinum</i>	Silver Maple	79	\$175	\$438	Fair	\$263	0.56	\$147.00	3	\$441.00	\$441
282	<i>Pinus sylvestris</i>	Scots Pine	20	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
284	<i>Juglans nigra</i>	Black Walnut	28	\$235	\$588	Fair-Good	\$353	0.67	\$236.18	3	\$708.53	\$709
286	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
288	<i>Malus sp.</i>	Apple	19	\$95	\$238	Fair	\$143	0.52	\$74.10	2	\$148.20	\$148
290	<i>Quercus rubra</i>	Red Oak	16	\$195	\$488	Good	\$488	0.81	\$395.28	2	\$790.56	\$791
291	<i>Morus alba</i>	White Mulberry	27	\$185	\$463	Good	\$463	0.43	\$199.09	3	\$597.27	\$597
292	<i>Juglans nigra</i>	Black Walnut	29	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
294	<i>Acer platanoides</i>	Norway Maple	29	\$225	\$563	Fair-Good	\$338	0.68	\$229.50	3	\$688.50	\$689
295	<i>Acer saccharum</i>	Sugar Maple	27	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
298	<i>Ulmus americana</i>	American Elm	22	\$215	\$538	Good	\$538	0.52	\$279.76	3	\$839.28	\$839
299	<i>Ulmus americana</i>	American Elm	23	\$215	\$538	Good	\$538	0.52	\$279.76	3	\$839.28	\$839
300	<i>Juniperus virginiana</i>	Red Cedar	27	\$195	\$488	Fair-Good	\$293	0.55	\$160.88	3	\$482.63	\$483
302	<i>Pinus sylvestris</i>	Scots Pine	20	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
304	<i>Pinus sylvestris</i>	Scots Pine	24	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
305	<i>Pinus sylvestris</i>	Scots Pine	30	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
306	<i>Pinus sylvestris</i>	Scots Pine	30	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
307	<i>Pinus sylvestris</i>	Scots Pine	44	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
308	<i>Ulmus americana</i>	American Elm	20	\$215	\$538	Poor-Fair	\$108	0.52	\$55.90	3	\$167.70	\$168
309	<i>Ulmus americana</i>	American Elm	29	\$215	\$538	Fair	\$323	0.52	\$167.70	3	\$503.10	\$503
311	<i>Pinus sylvestris</i>	Scots Pine	40	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
312	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
313	<i>Pinus sylvestris</i>	Scots Pine	34	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
314	<i>Pinus sylvestris</i>	Scots Pine	38	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
315	<i>Pinus sylvestris</i>	Scots Pine	28	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
316	<i>Betula papyrifera</i>	White Birch	30	\$195	\$488	Good	\$488	0.55	\$268.40	3	\$805.20	\$805
317	<i>Pinus strobus</i>	White Pine	49	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
318	<i>Ulmus americana</i>	American Elm	21	\$215	\$538	Good	\$538	0.52	\$279.76	3	\$839.28	\$839

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
319	<i>Pinus sylvestris</i>	Scots Pine	41	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
320	<i>Pinus sylvestris</i>	Scots Pine	30	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
321	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
322	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
323	<i>Pinus sylvestris</i>	Scots Pine	41	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
324	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
325	<i>Pinus sylvestris</i>	Scots Pine	23	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
326	<i>Pinus sylvestris</i>	Scots Pine	26	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
327	<i>Pinus sylvestris</i>	Scots Pine	23	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
328	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
330	<i>Pinus sylvestris</i>	Scots Pine	35	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
331	<i>Pinus sylvestris</i>	Scots Pine	26	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
332	<i>Pinus sylvestris</i>	Scots Pine	22	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
333	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
334	<i>Pinus sylvestris</i>	Scots Pine	20	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
335	<i>Pinus sylvestris</i>	Scots Pine	22	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
336	<i>Pinus sylvestris</i>	Scots Pine	29	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
337	<i>Pinus sylvestris</i>	Scots Pine	22	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
338	<i>Ulmus americana</i>	American Elm	21	\$215	\$538	Fair	\$323	0.52	\$167.70	3	\$503.10	\$503
339	<i>Pinus sylvestris</i>	Scots Pine	45	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
340	<i>Pinus sylvestris</i>	Scots Pine	26	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
341	<i>Quercus macrocarpa</i>	Bur Oak	59	\$311	\$778	Good	\$778	0.76	\$591.28	3	\$1,773.84	\$1,774
342	<i>Pinus nigra</i>	Austrian Pine	35	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
343	<i>Picea abies</i>	Norway Spruce	56	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
344	<i>Pinus strobus</i>	White Pine	42	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
345	<i>Pinus nigra</i>	Austrian Pine	30	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
346	<i>Pinus nigra</i>	Austrian Pine	31	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
347	<i>Pinus nigra</i>	Austrian Pine	34	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
348	<i>Pinus strobus</i>	White Pine	43	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
349	<i>Thuja occidentalis</i>	Eastern White Cedar	32	\$214	\$535	Good	\$535	0.66	\$353.10	3	\$1,059.30	\$1,059
350	<i>Pinus strobus</i>	White Pine	54	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
351	<i>Pinus strobus</i>	White Pine	53	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
352	<i>Pinus nigra</i>	Austrian Pine	31	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
353	<i>Pinus strobus</i>	White Pine	46	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
354	<i>Pinus strobus</i>	White Pine	43	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
355	<i>Picea abies</i>	Norway Spruce	41	\$214	\$535	Fair-Good	\$321	0.71	\$227.91	3	\$683.73	\$684
356	<i>Pinus nigra</i>	Austrian Pine	31	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
357	<i>Pinus strobus</i>	White Pine	52	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
358	<i>Pinus strobus</i>	White Pine	52	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
359	<i>Pinus strobus</i>	White Pine	48	\$148	\$370	Good	\$370	0.75	\$277.50	3	\$832.50	\$833
360	<i>Pinus strobus</i>	White Pine	75	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
361	<i>Gleditsia triacanthos var inermis var inermis</i>	Thornless Honey Locust	14	\$135	\$338	Poor	\$68	0.68	\$45.90	2	\$91.80	\$92
362	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	\$135	\$338	Fair	\$203	0.68	\$137.70	2	\$275.40	\$275
363	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	20	\$215	\$538	Fair	\$323	0.68	\$219.30	3	\$657.90	\$658

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
364	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	\$215	\$538	Fair-Good	\$323	0.68	\$219.30	3	\$657.90	\$658
365	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	\$215	\$538	Fair-Good	\$323	0.68	\$219.30	3	\$657.90	\$658
366	<i>Pinus nigra</i>	Austrian Pine	27	\$225	\$563	Poor-Fair	\$113	0.63	\$70.88	3	\$212.63	\$213
367	<i>Pinus strobus</i>	White Pine	53	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
368	<i>Pinus strobus</i>	White Pine	60	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
369	<i>Pinus strobus</i>	White Pine	40	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
371	<i>Pinus strobus</i>	White Pine	53	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
372	<i>Pinus strobus</i>	White Pine	23	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
373	<i>Pinus strobus</i>	White Pine	47	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
374	<i>Pinus strobus</i>	White Pine	42	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
375	<i>Pinus nigra</i>	Austrian Pine	35	\$225	\$563	Fair	\$338	0.63	\$212.63	3	\$637.88	\$638
376	<i>Quercus macrocarpa</i>	Bur Oak	21	\$311	\$778	Fair-Good	\$467	0.76	\$354.54	3	\$1,063.62	\$1,064
377	<i>Thuja occidentalis</i>	Eastern White Cedar	29	\$214	\$535	Fair-Good	\$321	0.66	\$211.86	3	\$635.58	\$636
378	<i>Thuja occidentalis</i>	Eastern White Cedar	27	\$214	\$535	Fair	\$321	0.66	\$211.86	3	\$635.58	\$636
379	<i>Acer negundo</i>	Manitoba Maple	27	\$215	\$538	Fair	\$323	0.38	\$122.55	3	\$367.65	\$368
380	<i>Pinus strobus</i>	White Pine	41	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
383	<i>Thuja occidentalis</i>	Eastern White Cedar	29	\$214	\$535	Good	\$535	0.66	\$353.10	3	\$1,059.30	\$1,059
384	<i>Thuja occidentalis</i>	Eastern White Cedar	34	\$214	\$535	Good	\$535	0.66	\$353.10	3	\$1,059.30	\$1,059
388	<i>Acer saccharum</i>	Sugar Maple	53	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
389	<i>Acer saccharum</i>	Sugar Maple	72	\$225	\$563	Fair	\$338	0.75	\$253.13	3	\$759.38	\$759
390	<i>Quercus macrocarpa</i>	Bur Oak	41	\$311	\$778	Fair	\$467	0.76	\$354.54	3	\$1,063.62	\$1,064
391	<i>Acer saccharum</i>	Sugar Maple	47	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
392	<i>Quercus macrocarpa</i>	Bur Oak	27	\$311	\$778	Good	\$778	0.76	\$591.28	3	\$1,773.84	\$1,774
393	<i>Acer saccharum</i>	Sugar Maple	37	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
394	<i>Juglans nigra</i>	Black Walnut	20	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
395	<i>Juglans nigra</i>	Black Walnut	24	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
397	<i>Acer saccharum</i>	Sugar Maple	22	\$225	\$563	Good	\$563	0.75	\$422.25	3	\$1,266.75	\$1,267
398	<i>Pinus strobus</i>	White Pine	36	\$148	\$370	Poor	\$74	0.75	\$55.50	3	\$166.50	\$167
399	<i>Juglans nigra</i>	Black Walnut	26	\$235	\$588	Good	\$588	0.67	\$393.96	3	\$1,181.88	\$1,182
400	<i>Acer saccharum</i>	Sugar Maple	62	\$225	\$563	Fair	\$338	0.75	\$253.13	3	\$759.38	\$759
401	<i>Malus sp.</i>	Crabapple	9	\$33	\$83	Fair	\$50	0.52	\$25.74	1	\$25.74	\$26
403	<i>Malus sp.</i>	Crabapple	13	\$225	\$563	Fair	\$338	0.52	\$175.50	2	\$351.00	\$351
406	<i>Malus sp.</i>	Crabapple	14	\$225	\$563	Fair	\$338	0.52	\$175.50	2	\$351.00	\$351
409	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	22	\$215	\$538	Good	\$538	0.68	\$365.84	3	\$1,097.52	\$1,098
410	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	25	\$215	\$538	Good	\$538	0.68	\$365.84	3	\$1,097.52	\$1,098
411	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	19	\$135	\$338	Good	\$338	0.68	\$229.84	2	\$459.68	\$460
412	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	53	\$215	\$538	Good	\$538	0.68	\$365.84	3	\$1,097.52	\$1,098
414	<i>Picea glauca</i>	White Spruce	36	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
415	<i>Picea glauca</i>	White Spruce	34	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
416	<i>Pinus strobus</i>	White Pine	42	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
417	<i>Picea glauca</i>	White Spruce	29	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
418	<i>Picea glauca</i>	White Spruce	38	\$154	\$385	Fair	\$231	0.72	\$166.32	3	\$498.96	\$499
419	<i>Pinus strobus</i>	White Pine	48	\$148	\$370	Fair	\$222	0.75	\$166.50	3	\$499.50	\$500
428	<i>Pinus nigra</i>	Austrian Pine	40	\$225	\$563	Poor	\$113	0.63	\$70.88	3	\$212.63	\$213



Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
430	<i>Pinus strobus</i>	White Pine	26	\$148	\$370	Poor-Fair	\$74	0.75	\$55.50	3	\$166.50	\$167
435	<i>Pinus sylvestris</i>	Scots Pine	29	\$148	\$370	Poor	\$74	0.53	\$39.22	3	\$117.66	\$118
437	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	14	\$135	\$338	Fair	\$203	0.68	\$137.70	2	\$275.40	\$275
438	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	11	\$135	\$338	Fair-Good	\$203	0.68	\$137.70	2	\$275.40	\$275
439	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	14	\$135	\$338	Fair-Good	\$203	0.68	\$137.70	2	\$275.40	\$275
440	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	16	\$135	\$338	Fair-Good	\$203	0.68	\$137.70	2	\$275.40	\$275
441	<i>Picea pungens</i>	Colorado Blue Spruce	19	\$150	\$375	Good	\$375	0.72	\$270.00	2	\$540.00	\$540
442	<i>Pinus strobus</i>	White Pine	54	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
443	<i>Pinus strobus</i>	White Pine	47	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
448	<i>Pinus strobus</i>	White Pine	45	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
449	<i>Pinus strobus</i>	White Pine	46	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
456	<i>Pinus strobus</i>	White Pine	44	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
459	<i>Pinus strobus</i>	White Pine	54	\$148	\$370	Fair-Good	\$222	0.75	\$166.50	3	\$499.50	\$500
599	<i>Malus sp.</i>	Crabapple	13	\$225	\$563	Fair	\$338	0.52	\$175.50	2	\$351.00	\$351
604	<i>Malus sp.</i>	Crabapple	10	\$33	\$83	Poor	\$17	0.52	\$8.58	1	\$8.58	\$9
967	<i>Populus tremuloides</i>	Trembling Aspen	33	\$195	\$488	Good	\$488	0.48	\$234.24	3	\$702.72	\$703
990	<i>Picea abies</i>	Norway Spruce	25	\$214	\$535	Good	\$535	0.71	\$379.85	3	\$1,139.55	\$1,140
991	<i>Pinus sylvestris</i>	Scots Pine	19	\$129	\$323	Fair-Good	\$194	0.53	\$102.56	2	\$205.11	\$205
992	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
993	<i>Juglans nigra</i>	Black Walnut	7	\$55	\$138	Good	\$138	0.67	\$92.46	1	\$92.46	\$92
994	<i>Pinus sylvestris</i>	Scots Pine	29	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
995	<i>Juglans nigra</i>	Black Walnut	15	\$165	\$413	Good	\$413	0.67	\$276.71	2	\$553.42	\$553
996	<i>Juglans nigra</i>	Black Walnut	14	\$165	\$413	Good	\$413	0.67	\$276.71	2	\$553.42	\$553
997	<i>Pinus sylvestris</i>	Scots Pine	26	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
998	<i>Picea glauca</i>	White Spruce	19	\$135	\$338	Good	\$338	0.72	\$243.36	2	\$486.72	\$487
999	<i>Picea glauca</i>	White Spruce	17	\$135	\$338	Fair-Good	\$203	0.72	\$145.80	2	\$291.60	\$292
1000	<i>Picea glauca</i>	White Spruce	20	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
1001	<i>Picea glauca</i>	White Spruce	14	\$135	\$338	Good	\$338	0.72	\$243.36	2	\$486.72	\$487
1002	<i>Picea glauca</i>	White Spruce	19	\$135	\$338	Good	\$338	0.72	\$243.36	2	\$486.72	\$487
1003	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Good	\$385	0.72	\$277.20	3	\$831.60	\$832
1004	<i>Picea glauca</i>	White Spruce	16	\$135	\$338	Fair-Good	\$203	0.72	\$145.80	2	\$291.60	\$292
1005	<i>Picea glauca</i>	White Spruce	22	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
1006	<i>Pinus sylvestris</i>	Scots Pine	17	\$129	\$323	Fair	\$194	0.53	\$102.56	2	\$205.11	\$205
1007	<i>Picea glauca</i>	White Spruce	21	\$154	\$385	Fair-Good	\$231	0.72	\$166.32	3	\$498.96	\$499
1008	<i>Picea glauca</i>	White Spruce	12	\$135	\$338	Fair	\$203	0.72	\$145.80	2	\$291.60	\$292
1009	<i>Pinus sylvestris</i>	Scots Pine	27	\$148	\$370	Good	\$370	0.53	\$196.10	3	\$588.30	\$588
1010	<i>Pinus sylvestris</i>	Scots Pine	24	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
1011	<i>Juglans nigra</i>	Black Walnut	12	\$165	\$413	Good	\$413	0.67	\$276.71	2	\$553.42	\$553
1012	<i>Acer negundo</i>	Manitoba Maple	7	\$34	\$85	Good	\$85	0.38	\$32.30	1	\$32.30	\$32
1013	<i>Juglans nigra</i>	Black Walnut	6	\$55	\$138	Good	\$138	0.67	\$92.46	1	\$92.46	\$92
1014	<i>Acer negundo</i>	Manitoba Maple	11	\$175	\$438	Good	\$438	0.38	\$166.44	2	\$332.88	\$333
1015	<i>Juglans nigra</i>	Black Walnut	17	\$165	\$413	Good	\$413	0.67	\$276.71	2	\$553.42	\$553
1016	<i>Acer negundo</i>	Manitoba Maple	6	\$34	\$85	Good	\$85	0.38	\$32.30	1	\$32.30	\$32
1017	<i>Acer negundo</i>	Manitoba Maple	9	\$34	\$85	Good	\$85	0.38	\$32.30	1	\$32.30	\$32

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
1020	<i>Pinus sylvestris</i>	Scots Pine	19	\$129	\$323	Fair-Good	\$194	0.53	\$102.56	2	\$205.11	\$205
1021	<i>Pinus sylvestris</i>	Scots Pine	28	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
1022	<i>Pinus sylvestris</i>	Scots Pine	18	\$129	\$323	Fair-Good	\$194	0.53	\$102.56	2	\$205.11	\$205
1023	<i>Pinus sylvestris</i>	Scots Pine	24	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
1024	<i>Pinus sylvestris</i>	Scots Pine	25	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
1027	<i>Pinus sylvestris</i>	Scots Pine	21	\$148	\$370	Fair-Good	\$222	0.53	\$117.66	3	\$352.98	\$353
1035	<i>Malus sp.</i>	Crabapple	13	\$225	\$563	Fair-Good	\$338	0.52	\$175.50	2	\$351.00	\$351
1036	<i>Malus sp.</i>	Crabapple	11	\$225	\$563	Fair-Good	\$338	0.52	\$175.50	2	\$351.00	\$351
1058	<i>Acer platanoides</i>	Norway Maple	13	\$175	\$438	Good	\$438	0.68	\$297.84	2	\$595.68	\$596
1075	<i>Acer platanoides</i>	Norway Maple	11	\$175	\$438	Good	\$438	0.68	\$297.84	2	\$595.68	\$596
NT1	<i>Ulmus americana</i>	American Elm	25	\$215	\$538	Fair-Good	\$323	0.52	\$167.70	3	\$503.10	\$503
59	<i>Pinus sylvestris</i>	Scots Pine	5 to 10	\$35	\$88	Good	\$88	0.53	\$46.64	59	\$2,751.76	\$2,752
143	<i>Pinus sylvestris</i>	Scots Pine	11 to 20	\$129	\$323	Good	\$323	0.53	\$171.19	286	\$48,960.34	\$48,960
1	<i>Picea glauca</i>	White Spruce	5 to 10	\$35	\$88	Good	\$88	0.72	\$63.36	1	\$63.36	\$63
167	<i>Picea glauca</i>	White Spruce	11 to 20	\$135	\$338	Good	\$338	0.72	\$243.36	334	\$81,282.24	\$81,282
96	<i>Ulmus americana</i>	American Elm	5 to 10	\$45	\$113	Good	\$113	0.52	\$58.76	96	\$5,640.96	\$5,641
60	<i>Ulmus americana</i>	American Elm	11 to 20	\$185	\$463	Good	\$463	0.52	\$240.76	120	\$28,891.20	\$28,891
72	<i>Salix fragilis</i>	Crack Willow	5 to 10	\$25	\$63	Good	\$63	0.40	\$25.20	72	\$1,814.40	\$1,814
12	<i>Salix fragilis</i>	Crack Willow	11 to 20	\$135	\$338	Good	\$338	0.40	\$135.20	24	\$3,244.80	\$3,245
8	<i>Ulmus sp.</i>	Elm Cultivar	11 to 20	\$215	\$538	Good	\$538	0.52	\$279.76	16	\$4,476.16	\$4,476
17	<i>Populus tremuloides</i>	Trembling Aspen	5 to 10	\$30	\$75	Good	\$75	0.48	\$36.00	17	\$612.00	\$612
2	<i>Populus tremuloides</i>	Trembling Aspen	11 to 20	\$195	\$488	Good	\$488	0.48	\$234.24	4	\$936.96	\$937
16	<i>Thuja occidentalis</i>	Eastern White Cedar	5 to 10	\$32	\$80	Good	\$80	0.66	\$52.80	16	\$844.80	\$845
23	<i>Thuja occidentalis</i>	Eastern White Cedar	11 to 20	\$175	\$438	Good	\$438	0.66	\$289.08	46	\$13,297.68	\$13,298
29	<i>Juglans nigra</i>	Black Walnut	5 to 10	\$55	\$138	Good	\$138	0.67	\$92.46	29	\$2,681.34	\$2,681
5	<i>Juglans nigra</i>	Black Walnut	11 to 20	\$165	\$413	Good	\$413	0.67	\$276.71	10	\$2,767.10	\$2,767
17	<i>Acer negundo</i>	Manitoba Maple	5 to 10	\$34	\$85	Good	\$85	0.38	\$32.30	17	\$549.10	\$549
2	<i>Acer negundo</i>	Manitoba Maple	11 to 20	\$175	\$438	Good	\$438	0.38	\$166.44	4	\$665.76	\$666
2	<i>Pinus strobus</i>	White Pine	5 to 10	\$35	\$88	Good	\$88	0.75	\$66.00	2	\$132.00	\$132
1	<i>Pinus strobus</i>	White Pine	11 to 20	\$129	\$323	Good	\$323	0.75	\$242.25	2	\$484.50	\$485
8	<i>Robinia pseudoacacia</i>	Black Locust	5 to 10	\$34	\$85	Good	\$85	0.56	\$47.60	8	\$380.80	\$381
4	<i>Quercus macrocarpa</i>	Bur Oak	5 to 10	\$55	\$138	Good	\$138	0.76	\$104.88	4	\$419.52	\$420
3	<i>Quercus macrocarpa</i>	Bur Oak	11 to 20	\$275	\$688	Good	\$688	0.76	\$522.88	6	\$3,137.28	\$3,137
1	<i>Quercus rubra</i>	Red Oak	5 to 10	\$45	\$113	Good	\$113	0.81	\$91.53	1	\$91.53	\$92
4	<i>Quercus rubra</i>	Red Oak	11 to 20	\$195	\$488	Good	\$488	0.81	\$395.28	8	\$3,162.24	\$3,162
2	<i>Acer saccharum</i>	Sugar Maple	5 to 10	\$34	\$85	Good	\$85	0.75	\$63.75	2	\$127.50	\$128
1	<i>Acer saccharum</i>	Sugar Maple	11 to 20	\$175	\$438	Good	\$438	0.75	\$328.50	2	\$657.00	\$657
3	<i>Betula papyrifera</i>	White Birch	5 to 10	\$30	\$75	Good	\$75	0.55	\$41.25	3	\$123.75	\$124
2	<i>Morus alba</i>	White Mulberry	11 to 20	\$95	\$238	Good	\$238	0.43	\$102.34	4	\$409.36	\$409
1	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	5 to 10	\$34	\$85	Good	\$85	0.68	\$57.80	1	\$57.80	\$58
1	<i>Gleditsia triacanthos var inermis</i>	Thornless Honey Locust	11 to 20	\$135	\$338	Good	\$338	0.68	\$229.84	2	\$459.68	\$460
1	<i>Acer saccharinum</i>	Silver Maple	11 to 20	\$135	\$338	Good	\$338	0.56	\$189.28	2	\$378.56	\$379
1	<i>Juniperus virginiana</i>	Red Cedar	11 to 20	\$125	\$313	Good	\$313	0.55	\$172.15	2	\$344.30	\$344
1	<i>Larix decidua</i>	European Larch	11 to 20	\$175	\$438	Good	\$438	0.62	\$271.56	2	\$543.12	\$543

Tree No./ Quantity	Scientific Name	Common Name	DBH (cm)	Average Nursery Stock Cost	Installed Cost (2.5 x)	Condition	Condition Factor (1, 0.6, 0.2)	Species Factor	Condition Cost x Species Factor	No. of Replacement Trees	Total Cost x No. of Replacement Trees	Replacement Cost Estimate (rounded)
1	<i>Sorbus aucuparia</i>	European Mountain-ash	11 to 20	\$195	\$488	Good	\$488	0.55	\$268.40	2	\$536.80	\$537
1	<i>Malus sp.</i>	Apple	11 to 20	\$95	\$238	Good	\$238	0.52	\$123.76	2	\$247.52	\$248
1	<i>Picea pungens</i>	Colorado Blue Spruce	11 to 20	\$150	\$375	Good	\$375	0.72	\$270.00	2	\$540.00	\$540
<b>Total 5 Gallon Pots (1 m to 3 m tall):</b>											<b>339</b>	
<b>Total 150 cm tall wire basket (conifer), 45 mm caliper (hardwood):</b>											<b>986</b>	
<b>Total 175 - 200 cm tall wire basket (conifer), 60 mm caliper (hardwood):</b>											<b>1,008</b>	
<b>Total Number of Replacement Trees:</b>											<b>2,333</b>	
<b>Total Replacement Cost Estimate:</b>											<b>\$453,423</b>	

# Appendix J

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## York Region Tree Replacement Quantity and Cost Calculations

# Appendix J

## York Region Tree Replacement Quantity and Cost Calculations

Tree ID	Scientific Name	Common Name	DBH (cm)	Condition Rating	Condition Percentage (%)	Number of Replacement Trees Required (multiple)	Total Number of Replacement Trees	Compensation Value (\$870.44 per tree)
1052	<i>Robinia pseudoacacia</i>	Black Locust	20	Dead	0	0	0	\$0
1053	<i>Juglans nigra</i>	Black Walnut	85	Fair	60	10.2	10	\$8,704.40
1054	<i>Acer platanoides</i>	Norway Maple	20	Fair-Good	80	3.2	3	\$2,611.32
1055	<i>Robinia pseudoacacia</i>	Black Locust	15	Fair-Good	80	2.4	2	\$1,710.88
1056	<i>Robinia pseudoacacia</i>	Black Locust	11	Fair-Good	80	1.8	2	\$1,710.88
1057	<i>Acer platanoides</i>	Norway Maple	18	Good	100	3.6	4	\$3,841.76
1059	<i>Acer platanoides</i>	Norway Maple	18	Good	100	3.6	4	\$3,841.76
1060	<i>Robinia pseudoacacia</i>	Black Locust	45	Poor-Fair	40	3.6	4	\$3,841.76
1061	<i>Acer saccharum</i>	Sugar Maple	9	Good	100	1.8	2	\$1,710.88
1062	<i>Acer platanoides</i>	Norway Maple	15	Good	100	3	3	\$2,611.32
1063	<i>Acer platanoides</i>	Norway Maple	23	Good	100	4.6	5	\$4,352.20
1064	<i>Acer platanoides</i>	Norway Maple	13	Fair	60	1.6	2	\$1,710.88
1065	<i>Robinia pseudoacacia</i>	Black Locust	19	Good	100	3.9	4	\$3,841.76
1066	<i>Robinia pseudoacacia</i>	Black Locust	33	Good	100	6.6	7	\$6,093.08
1067	<i>Acer platanoides</i>	Norway Maple	28	Good	100	5.6	6	\$5,222.64
1068	<i>Acer platanoides</i>	Norway Maple	20	Good	100	4	4	\$3,841.76
1069	<i>Acer platanoides</i>	Norway Maple	14	Fair-Good	80	2.2	2	\$1,710.88
1070	<i>Robinia pseudoacacia</i>	Black Locust	19	Good	100	3.8	4	\$3,841.76
1071	<i>Acer platanoides</i>	Norway Maple	22	Good	100	4.4	4	\$3,841.76
1072	<i>Robinia pseudoacacia</i>	Black Locust	34	Fair	60	4.1	4	\$3,841.76
1073	<i>Robinia pseudoacacia</i>	Black Locust	21	Good	100	4.2	4	\$3,841.76
1074	<i>Robinia pseudoacacia</i>	Black Locust	32	Fair-Good	80	5.1	5	\$4,352.20

Tree ID	Scientific Name	Common Name	DBH (cm)	Condition Rating	Condition Percentage (%)	Number of Replacement Trees Required (multiple)	Total Number of Replacement Trees	Compensation Value (\$870.44 per tree)
1076	<i>Robinia pseudoacacia</i>	Black Locust	18	Good	100	3.6	4	\$3,841.76
1077	<i>Robinia pseudoacacia</i>	Black Locust	35	Good	100	7	7	\$6,093.08
1078	<i>Robinia pseudoacacia</i>	Black Locust	39	Fair-Good	80	6.2	6	\$5,222.64
1079	<i>Robinia pseudoacacia</i>	Black Locust	25	Good	100	5	5	\$4,352.20
1080	<i>Robinia pseudoacacia</i>	Black Locust	17	Good	100	3.4	3	\$2,611.32
1081	<i>Robinia pseudoacacia</i>	Black Locust	13	Good	100	2.6	3	\$2,611.32
1082	<i>Robinia pseudoacacia</i>	Black Locust	40	Good	100	8	8	\$6,963.52
1083	<i>Robinia pseudoacacia</i>	Black Locust	18	Good	100	3.6	4	\$3,841.76
1084	<i>Robinia pseudoacacia</i>	Black Locust	45	Fair-Good	80	7.2	7	\$6,093.08
1086	<i>Pinus sylvestris</i>	Scots Pine	28	Good	100	5.6	6	\$5,222.64
1093	<i>Acer saccharum</i>	Sugar Maple	90	Fair	60	10.8	11	\$9,574.84
<b>Total Number and Compensation Value of Replacement Trees</b>							<b>149</b>	<b>\$133,505.56</b>