

TOWN OF CALEDON
PLANNING
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GUIDING SOLUTIONS IN THE
NATURAL ENVIRONMENT

Arborist Report 9229 5th Sideroad Town of Caledon

Prepared For:

Carantania Investments (BT) Inc.

Prepared By:

Beacon Environmental Limited

Date: Project:

October 2021 220426

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1. Introduction

Beacon Environmental Limited (Beacon) was retained by Carantania Investments (BT) Inc. to undertake an Arborist Report and Tree Inventory and Preservation Plan (TIPP) in support of the proposed residential infill development of the property referred to as 9229 5th Sideroad, Bolton (**Figure 1**), within the Town of Caledon, Peel Region (herein referred to as the subject property).

The Town of Caledon requires the completion of an Arborist Report and TIPP in accordance with the Town's Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation document (2020), as part of a complete application for an Official Plan Amendment, Zoning By-law Amendment, Plan of Subdivision, Site Plan Applications, Plan of Condominium, Consent, and all other development streams. The Town's guidelines apply to all trees ≥ 10 cm in diameter at breast height (DBH) on and within 6 m of a property proposed for development, on both private and town-owned properties.

The purpose of this report is to provide an inventory and description of the trees within and immediately adjacent to the subject property, to identify trees proposed for injury or removal to accommodate the proposed development, and to provide recommendations for tree preservation measures and mitigation of impacts.

This report was prepared in accordance with accepted arboricultural guidelines, standards and practices and the municipal requirements as outlined in the Town's Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation document (2020), and the Arborists' Certification Study Guide (Lilly 2001).

This report provides an update to the January 2021 Arborist Report prepared by Beacon based on comments received by the Town of Caledon.

2. Methodology

Tree inventory data were collected on October 2, 5, and 6, 2020 by a Beacon arborist certified by the International Society of Arboriculture (ISA). The inventory includes trees measuring at least 10 cm DBH that may be affected by the proposed development on and within 6 m of the subject property.

Tree diameters were measured at breast height, approximately 1.4 m from the ground surface. The diameter for multi-stemmed trees that split below DBH 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 flaws, damage, evidence of pests or diseases, structural condition, dead or dying branches, or other indicators of decline.

All inventoried trees were tagged with metal, numbered labels, and the location of each of the trees was recorded using a survey-grade Arrow 100 GNSS Receiver and incorporated into Geographical Information Systems (GIS) and AutoCAD platforms.

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

3. Results

A total of 403 individually tagged trees with a minimum DBH of 10 cm were inventoried and assessed on and within 6 m of the subject property. Of these 403 trees, 295 were assigned to groups of densely clustered trees (i.e., Tree Groups A to D) for ease of readability for the TIPP drawing (i.e., to avoid overlapping of tree tag numbers within dense clusters of trees on the TIPP).

Of the 403 inventoried trees, 236 (~ 59%) are composed of Austrian Pine (*Pinus nigra*), White Spruce (*Picea glauca*), Eastern White Cedar (*Thuja occidentalis*), and Colorado Blue Spruce (*P. pungens*).

The remaining 167 trees are composed of single to several individuals of American Elm (*Ulmus americana*), Apple species (*Malus* spp.), Balsam Fir (*Abies balsamea*), Basswood (*Tilia americana*), Black Locust (*Robinia pseudoacacia*), Black Walnut (*Juglans nigra*), Bur Oak (*Quercus macrocarpa*), Carolina Poplar (*Populus canadensis*), Freeman's Maple (*Acer x freemanii*), Green Ash (*Fraxinus americana*), Manitoba Maple (*A. negundo*), Norway Maple (*A. platanoides*), Red Oak (*Quercus rubra*), Russian Olive (*Elaeagnus angustifolia*), Scots Pine (*P. sylvestris*), Silver Maple (*A. saccharinum*), Sweet Cherry (*Prunus serotina*), Trembling Aspen (*P. tremuloides*), White Ash (*Fraxinus americana*), White Birch (*Betula papyrifera*), White Mulberry (*Morus alba*), White Spruce (*P. glauca*), and Willow species (*Salix* spp.).

Ash trees (i.e., Green Ash and White Ash (*F. americana*)), which account for approximately 9% of the trees inventoried, are primarily dead or dying as a result of infestation from the Emerald Ash Borer (*Agrilus planipennis*).

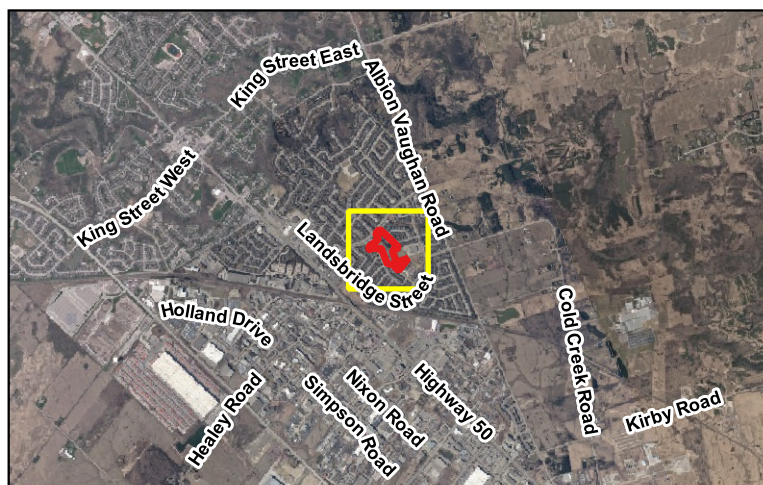
Of the 403 trees, there are two trees (Tree Nos. 297 and 298) that are located within 6 m of the subject property. Tree Nos. 297 and 298 are Red Oak that are 14 cm and 15 cm DBH, respectively, located between the sidewalk and the southern edge of Queensgate Boulevard within the Town's right-of-way (ROW).



There were no Butternut (*J. cinerea*) trees, or any other provincially rare trees recorded on or adjacent to the subject property.

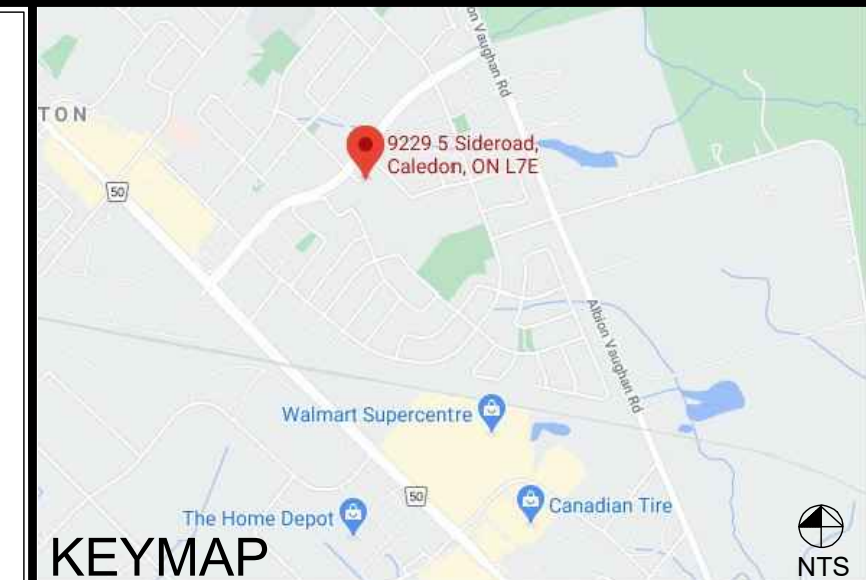
All tree inventory data are presented in the tree inventory table in **Appendix B** and the locations of all inventoried trees and tree groups are provided in the TIPP (**Drawings TP-1 to TP-3**).

4. Proposed Development and Tree Preservation and Removal

The proposed development consists of residential infill of individual lots with detached dwellings and access routes. The residential lots will be accessed from the proposed extension of both Pembroke Street from the south (i.e., connecting to Queensgate Boulevard), and Southbury Manor Drive to the east. In addition, a row of units will front onto and will be accessed directly from Autumn Oak Court.



Site Location		Figure 1
9229 5 Sideroad Bolton Tree Inventory		
		Project: 220426 Last Revised: January 2021
Client:		Prepared by: BD Checked by: ST
	1:4,000	Inset Map: 1:70,000
Contains information licensed under the Open Government License—Ontario Orthoimagery Baselayer: 2019 (FBS)		



LEGEND

- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed Due to Development
- Tree to be Removed Due to Condition
- Tree Group to be Removed
- Tree Protection Fencing (Refer to Sheet TP-3)

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

Nº	REVISIONS	DATE:	BY:
6			
5			
4			
3			
2			
1	ISSUED	2021/01/22	ST



NORTH ARROW

SEAL

CERTIFIED ARBORIST

ISA

SEVAN TORUS

#ON-1924A

BEACON ENVIRONMENTAL

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

T) 905-201-7622
F) 905-201-0639
www.beaconenviro.com

CLIENT

CARANTANIA INVESTMENTS (BT) INC.

PROJECT

9229 5th SIDEROAD, CALEDON, ON

SHEET TITLE

TREE INVENTORY AND PRESERVATION PLAN

DESIGN BY:	..	PROJECT Nº:	220426
DRAWN BY:	MB	FIGURE Nº:	
CHECKED BY:	ST		
DATE:	22 January 2021		

TP-1

TREE PROTECTION NOTES AND DETAILS

TREE PROTECTION FENCING TO BE ERECTED AS INDICATED ON THE LANDSCAPE PLAN AND SHALL REMAIN INTACT UNTIL DIRECTED BY TOWN STAFF.

STANDARD 1200mm HIGH SNOW FENCE SECURED TO T-BAR STAKES AT MIN. 2400mm O.C.

FINISHED GRADE

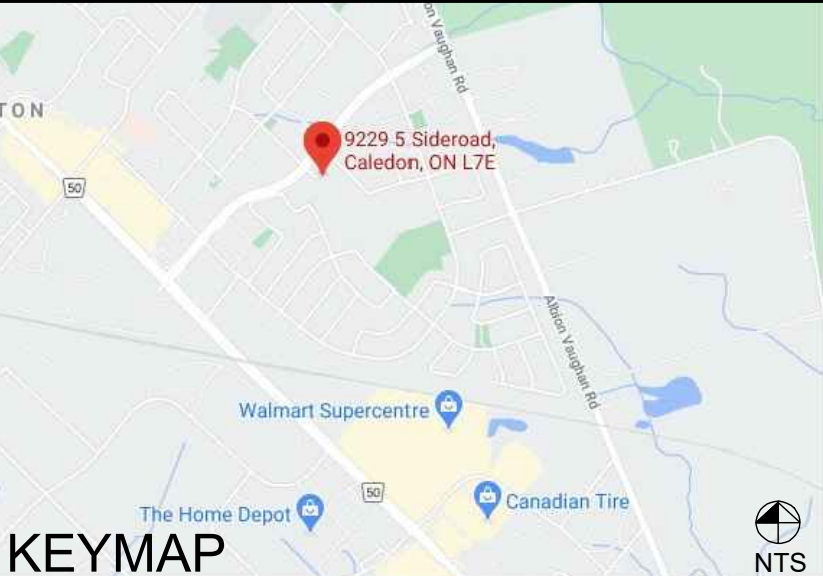
UNDISTURBED SOIL

1200

SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING VEGETATION:

- PRIOR TO ISSUANCE OF THE GRADING AND SERVICING OR BUILDING PERMIT, ALL EXISTING TREES THAT ARE TO BE PRESERVED SHALL BE FULLY PROTECTED WITH HOARDING (IE SNOW FENCING) OUTSIDE THEIR DRIPLINES, OR AS DIRECTED THROUGH ADDITIONAL GOVERNING DOCUMENTS, TO THE SATISFACTION OF THE TOWN.
- GROUPS OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED SHALL BE TREATED IN A LIKE MANNER WITH HOARDING AROUND THE ENTIRE CLUMP(S).
- TREE PRESERVATION FENCE IS TO BE INSPECTED BY THE CONSULTING ARBORIST OR LANDSCAPE ARCHITECT AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION COMMENCING.
- SILTATION CONTROL FENCING MAY BE USED AS A TREE PRESERVATION FENCING SUBSTITUTE IF REQUIRED BY ENGINEERING AT THE DISCRETION OF THE TOWN.
- AREAS WITHIN PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT. NO CONTAMINANTS SHALL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST. NO GARBAGE OR BUILDING MATERIALS ARE TO BE PLACED ON OR AGAINST THE TREE PRESERVATION FENCE.
- PRUNE BRANCHES TO REMOVE DAMAGED LIMBS ONLY. DO NOT DAMAGE LEADERS. ALL CUTS OVER 25mm SHALL BE TREATED IN ACCORDANCE WITH APPROPRIATE HORTICULTURAL PRACTICES AS APPROVED BY THE TOWN. NO MORE THAN 20% OF THE TREE SHALL BE PRUNED UNLESS DIRECTED BY THE TOWN.
- CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES TO BE PRESERVED WILL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENT.
- IF TREES ARE BEING ADVERSELY AFFECTED BY CONSTRUCTION, A WATERING AND FERTILIZING PROGRAM IS TO BE SET UP TO THE SATISFACTION OF THE TOWN.
- PRIOR TO FINAL APPROVAL, TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR PRIOR DURING OR POST CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH TREES OF A SIZE AND SPECIES APPROVED BY THE TOWN, AT THE SOLE COST OF THE DEVELOPER.

TOWN OF CALEDON	3	STANDARD 707 NOW 606	JAN 18	APRD: C.C.	DATE: JUNE 08
TREE PRESERVATION	2	STANDARD No. 1135 NOW 707, NOTES EDIT	JUNE 08	DRAWN: abal	SCALE: NTS
	1	NOTE NO. 9 ADDED	MARCH 08		
	NO.	REVISION	APR'D	DATE	STANDARD No. 606



LEGEND

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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2			
1	ISSUED	2021/01/22	ST

SCALE

NORTH ARROW

SEAL

MARKHAM OFFICE

80 MAIN ST NORTH

MARKHAM, ON L3P 1X5

T) 905-201-7622

F) 905-201-0639

www.beaconenviro.com

CLIENT

CARANTANIA INVESTMENTS (BT) INC.

PROJECT

9229 5th SIDEROAD, CALEDON, ON

SHEET TITLE

TREE INVENTORY AND PRESERVATION PLAN

DESIGN BY: ..

PROJECT Nº: 220426

DRAWN BY: MB

FIGURE Nº:

CHECKED BY: ST

TP-3

DATE: 22 January 2021

SPECIFICATIONS

A. General

The following Tree Preservation and Protection Measures will be undertaken to help eliminate and/or significantly reduce construction injury to all trees recommended for preservation. All temporary tree protection measures cited for retained trees must comply with the Town of Caledon Tree Protection Specifications and Details. Any variation from the standard tree protection measures must be approved in writing by the Town of Caledon.

B. Pre-Construction Phase

- Prior to construction, the trees to be preserved shall be protected with a Tree Protection Barrier. The barrier shall consist of 1.2m (4ft) high orange plastic snow fence wired to T-bars (see Town of Caledon Tree Preservation Fencing, STD 606).
- If applicable, attach a filter cloth 600mm high to the construction side of the hoarding to act as sediment control. Sediment control fencing shall meet or exceed OPSD-219.110, and be installed to the satisfaction of the Town of Caledon.
- All supports and bracing used to safely secure the barrier should be located outside the Tree Protection Zone (TPZ). All supports and bracing should minimize damage to roots.
- The TPZ fence is to be installed along the edge of the tree protection zones. This hoarding is to remain in place and remain in good condition throughout the entire duration of the project. Dismantling the tree protection barrier prior to approval by the Town of Caledon staff may constitute a contravention.
- The applicant shall notify the Town of Caledon and the consulting certified arborist or landscape architect to confirm that the tree protection barriers are in place.

- Where fill or excavated material must be temporarily located near a TPZ, a wooden barrier must be used to ensure no material enters the TPZ.
- Remove any garbage and foreign debris from the tree protection zones, daily.
- For the trees that were recommended for removal and/or crown pruning that are within the TPZ limits, these activities are to be performed by a qualified ISA certified arborist prior to the installation of the Tree Protection Zone barriers and prior to the commencement of any construction activities. Install the Tree Protection Zone barrier as per Tree Preservation Fencing, STD 606 at the limits shown on the tree inventory and protection plan after the tree removal, whichever is greater, and crown pruning activities are completed.
- A **Tree Protection Zone** sign must be mounted on all sides of the tree protection barrier for the duration of site construction. The sign should be a minimum of 40cm x 60cm and made of white gator board or equivalent material.
- The sign must be similar to the illustration shown below, or as directed by the Town of Caledon.

TREE PROTECTION ZONE

No work is permitted in the Tree Protection Zone

This includes construction works, grading, storage of trash or materials.

The tree protection barrier must not be removed without written authorization of the Town of Caledon.

- All contractors and site visitors should be informed of the tree preservation and protection measures at a pre-construction meeting.

specifications continued on next panel...

TOWN OF CALEDON					APRD: B.B.	DATE: AUGUST 17
TREE PRESERVATION STANDARD NOTES - PART 1					DRAWN: B.M.	SCALE: NTS
	NO.	REVISION	APR'D	DATE	STANDARD No. 710	

SPECIFICATIONS

continued from previous panel

C. During Construction Phase

- All areas within the TPZ shall remain undisturbed for the duration of construction. There will be no grade changes, dumping, and storage of any materials, structures or equipment within these areas. The Tree Protection Barrier must not be removed without the written authorization of the Town of Caledon.
- Minor grading works will be permitted at the edge of the preservation zone as required to correct localized depressions, and blend to existing grades. This work to be undertaken under the direct supervision of an ISA certified arborist.
- A certified ISA arborist will undertake proper root pruning in accordance with acceptable arboriculture practices when and if roots of retained trees are to be exposed, damaged, or severed by construction work. The exposed roots will be backfilled with appropriate material as soon as possible to prevent desiccation. Root pruning prior to excavation will help prevent necessary damage to tree roots. The use of low pressure hydrovac to expose roots is recommended, at no additional cost.
- The Town of Caledon must be notified for all work that impacts the TPZ for temporary removal of a section of hoarding to gain access for fine grading or other works. All works are to be supervised by the Town of Caledon.
- No cables, wire or ropes of any kind shall be wrapped around or installed in trees to be preserved.
- No contaminants will be dumped or flushed in the TPZ areas or where feeder roots of trees exist (generally beyond the TPZ areas).
- Irrigate tree protection zones during drought conditions, June to September to reduce drought stress.
- Inspect the site daily to ensure hoarding is in place and in good condition. Inspect trees to monitor condition.

D. Post Construction Phase

- Following the completion of all site works including landscaping, and after review and approval by the Town of Caledon staff, the protective hoarding may be removed.
- After removal of the protective hoarding, the Tree Preservation Zones shall be inspected by the Town of Caledon staff. Any remaining dead, diseased, or hazardous limbs or trees are to be removed by an ISA certified arborist as directed by the consulting arborist or Town of Caledon staff.

end of specifications

TOWN OF CALEDON					APRD: B.B.	DATE: AUGUST 17
TREE PRESERVATION STANDARD NOTES - PART 2					DRAWN: B.M.	SCALE: NTS
	NO.	REVISION	APR'D	DATE	STANDARD No. 711	

A total of 401 individual trees (i.e., including the entirety of Tree Groups A to D) are proposed for removal, composed of 349 trees that are at least 10 cm DBH and in fair condition, and 52 trees that are recommended for removal due to their condition (i.e., potential risk, in a state of decline, in poor condition, or dead). There are two trees that are recommended for preservation. Tree preservation and removal recommendations may need to 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 become available.

Detailed tree preservation and removal recommendations are provided below and shown in TIPP **Drawings TP-1 to TP-3**.

4.1 Trees Proposed for Removal

Trees located within the area that will be affected by the footprint of the proposed development are proposed for removal. On this basis, 349 trees that are at least 10 cm DBH and that range from fair to good condition, are proposed for removal.

The 348 trees include: Tree Nos. 296, 299 to 312, 314 to 316, 318, 319, 384 to 395, 420, 421, 433 to 435, 439 to 441, 443 to 445, 447, 448, 450 to 452, 513, 647 to 663, 665 to 682, 684 to 700; Tree Nos. 321 to 327, 329 to 331, 338 to 340, 342 to 355, 357, 358, 360, 362, 364 to 368, 370 to 383 within **Tree Group A**; Tree Nos. 401, 402, 404, 406 to 419, 423 to 431, 453 to 500, 502 to 512 within **Tree Group B**; Tree Nos. 515 to 518, 520 to 535, 538 to 565, 567 to 572, and 578 within **Tree Group C**; and Tree Nos. 580 to 591, 593, 594, 596, 597, 600, 602 to 610, 612 to 628, 630 to 641, 645, 646, and NT1 within **Tree Group D**.

4.2 Trees Recommended for Removal Due to Condition

There are 52 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-3**) as to be removed due to condition.

Of the 52 trees, 19 trees (Tree Nos. 317, 320, 446, 328, 333, 341, 356, 361, 501, 537, 573 to 577, 592, 595, and 598) are dead including seven ash trees, five Austrian Pine, six Carolina Poplar and a single Colorado Blue Spruce.

The remaining 33 trees (Tree Nos. 313, 432, 436 to 438, 442, 449, 664, 683, 701 to 703, 332, 334 to 337, 359, 363, 369, 403, 405, 422, 514, 519, 536, 566, 579, 599, 601, 611, 629, and 642) are either almost dead or in a state of decline, and are composed of 25 Ash trees, three Austrian Pine, four Eastern White Cedar, and a single apple tree.

4.3 Trees Recommended for Preservation

There are two trees (Tree Nos. 297 and 298) that are recommended for preservation.

Tree Nos. 297 and 298 include 14 cm and 15 cm DBH Red Oak trees located within the Town's ROW, that are outside the development limit and separated by the existing sidewalk on the south side of Queensgate Boulevard.

5. Tree Preservation Specifications

Any trees that do not require removal to accommodate construction shall be protected through the establishment of a Tree Protection Zone (TPZ). Prior to construction, tree protection fencing is required to be installed around trees recommended for preservation located a minimum distance as shown in the TPZ column within the tree inventory table in **Appendix B**. The TPZ should be measured from the base of the tree, or to the edge of paved surface (i.e., edge of sidewalk for Tree Nos. 297 and 298). The tree protection fencing shall be constructed in accordance with Town of Caledon standards provided in **Appendix C**. No materials shall be stored inside or up against this fencing, and a sign should be hung on the most visible side designating the TPZ. The location of the tree protection barriers in relation to the proposed development is shown on the Tree Inventory Preservation Plan (**Drawings TP-1 to TP-3**).

In addition to the establishment of TPZs, the following specifications and general notes as per the Town's Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation document (2020) are recommended:

- 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 or under the supervision of 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;
- During construction and prior to final approval by the Town, the consulting Arborist along with appropriate Town staff shall intermittently inspect the entire site. Any noted hazardous trees must be identified and removed prior to Assumption or earlier if deemed hazardous at

the sole cost of the Owner/Applicant. Any records of maintenance or removals are to be submitted to the Town;

- Compensation will be required for all tree removals at a rate as determined by the Town's Tableland Tree Removal Compensation. Tree compensation planting will be in addition to the standard required planting. In the event tree compensation cannot be accommodated for in the planting design, financial compensation shall be collected at a rate (per tree) as determined by the Town. Based on the compensation ratio, (insert number) replacement trees are required to compensate for the removal of trees on the subject property;
- Removals should occur outside of the breeding bird season (April 1- August 1). If this is not possible, clearance with an ecologist should occur prior to construction to ensure no loss of bird nest, egg or unfledged young (refer to Section 5.1);
- Any trees located on the property line or on the adjacent property that are proposed to be removed, pruned or injured, will require written consent from the adjacent landowner. All correspondence is to be forwarded to the Town prior to any removals;
- Minor grading works may be permitted at the edge of the preservation zone as required to correct localized grading issues adjacent to the proposed development at the discretion of the Town. This work is to be undertaken under the supervision of the consulting Arborist. The consulting Arborist is to verify in writing to the Town, confirming that the work has been completed as per the approved design using best arboricultural practices;
- Areas within the tree protection zone shall remain undisturbed for the duration of site construction and shall not be used for the storage of excavated fill, building/construction material, structures or equipment; and
- The limit of tree protection hoarding shall be confirmed in the field by the consulting arborist, Town staff and conservation authority (if applicable). The Owner/Applicant shall be responsible for ongoing maintenance and repairs to tree protection fencing to the satisfaction of the Town, until final approval by the Town and conservation authority (if applicable). The Owner/Applicant shall not remove and not cause or permit any tree preservation fencing to be removed without the approval of the Town and conservation authority (if applicable).

5.1 Timing of Tree Removal

The federal *Migratory Bird Convention Act* (1994) and the provincial *Fish and Wildlife Conservation Act* (1997) protect 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.

During the peak period of bird nesting, no vegetation clearing or disturbance to nesting bird habitat should 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 an absence of nesting. If nesting is found, then vegetation clearing (in an area around the nest) must wait until nesting has concluded. From September 1 through to March 31, of any year, vegetation clearing can occur without nest surveys, but the law for nest protection applies at any time (i.e., if an active nest is known it should be protected). Nesting habitat includes grasses, shrubs trees and structures.

6. Tree Compensation Information

As per the Town's Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation document (2020), as a condition of the approval of Town of Caledon development applications, replacement trees are required for the removal of healthy trees with a minimum DBH of 10 cm. On this basis, 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 were not included in compensation calculations.

The number of replacement trees required by the Town is determined by the DBH of the removed tree as outlined in **Table 1** below.

Table 1. Town of Caledon Tree Removal Compensation Ratios

DBH of Tree to be Removed (cm)	# of Replacement Trees Required
<10	Not Applicable
10 – 20	1:1
21 - 35	2:1
36 - 50	3:1
51 – 65	4:1
>65	5:1

Tree replacement calculations are shown below in **Table 2** and are based on the Town's requirements, the tree inventory table in **Appendix B**, and the Tree Inventory and Preservation Plan (**Drawings TP-1 to TP-3**).

Table 2. Tree Replacement Calculation Table

Size Class (DBH in cm)	Number of Trees Proposed for Removal	Tree Replacement Calculation	Number of Replacement Trees Required
10 – 20	169	1 x 169	169
21 - 35	112	2 x 112	224
36 - 50	32	3 x 32	64
51 – 65	6	4 x 6	24
>65	3	5 x 3	15
Total Number of Replacement Trees Required			496

Based on the results presented in **Table 2**, a total of 496 replacement trees are required to compensate for the proposed removal of 349 healthy trees.

As per the Town's guidelines, replacement trees should consist of 60 mm caliper deciduous trees or 225 cm high coniferous trees. Furthermore, in instances where development applications are unable to

meet the Town's compensation requirements within the subject property, a cash-in-lieu option for the removal of tableland trees may be considered at a rate as determined by the Town of Caledon.

A list of suggested native tree species that can be used as replacement trees is shown in **Table 3** below. Planting of ash trees, which are hosts for the Emerald Ash Borer (EAB), should be avoided entirely.

Table 3. List of Suggested Tree Species for Planting

Scientific Name	Common Name
<i>Acer saccharum</i>	Sugar Maple
<i>Acer saccharinum</i>	Silver Maple
<i>Acer x freemanii</i>	Freeman's Maple
<i>Betula papyrifera</i>	White Birch
<i>Celtis occidentalis</i>	Common Hackberry
<i>Picea glauca</i>	White Spruce
<i>Pinus strobus</i>	White Pine
<i>Quercus macrocarpa</i>	Bur Oak
<i>Quercus rubra</i>	Red Oak
<i>Thuja occidentalis</i>	White Cedar

7. Monitoring and Reporting

To assist in the maintenance of the health and vigour of retained trees, it is recommended that a qualified Certified Arborist inspect all tree protection measures following installation, periodically during active development construction, and once following completion of the development. In addition, it is recommended that the survival and health of replacement trees be monitored during leaf-on conditions at least once every two years to a maximum of five years. Should deficiencies beyond an acceptable threshold be encountered, mitigation recommendations shall be included in the Arborist's report. Vegetation monitoring reports should be provided to City staff.

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).

Report prepared by:
Beacon Environmental



Sevan Torus, B.Sc. (Hons.)
Ecologist,
ISA Certified Arborist (ON-1924A)

Report reviewed by:
Beacon Environmental



Geri Poisson, B.A. (Hons.), Dipl. Eco. Restoration
Senior Terrestrial Ecologist,
ISA Certified Arborist (ON-1288A)

8. References

- Council of Tree & Landscape Appraisers. 2000.
Guide for Plant Appraisal, 9th Edition. International Society of Arboriculture, Champaign, Illinois.
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Appendix A

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

Tree Inventory Table

Appendix B

Tree Inventory Table

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
Individual Trees								
296	<i>Elaeagnus angustifolia</i>	Russian Olive	8,8,8,6,6,12	5	Fair-Good	Multi-stemmed tree with a combined DBH of 21 cm; Shrubby tree next to utility pole.	N/A	Remove due to Development
297	<i>Quercus rubra</i>	Red Oak	15	5	Fair-Good	Vertical rotting wound ~ 2 m in length from ground.	2.5	Preserve
298	<i>Quercus rubra</i>	Red Oak	14	5	Good	Good form and vigour.	2.5	Preserve
299	<i>Acer platanoides</i>	Norway Maple	17	5	Good	Vertical wound with woundwood; Tar spots on leaves.	N/A	Remove due to Development
300	<i>Malus sp.</i>	Apple sp.	12	4	Fair-Good	Good vigour.	N/A	Remove due to Development
301	<i>Thuja occidentalis</i>	Eastern White Cedar	13,12	4	Fair-Good	Codominant stems with a combined DBH of 18 cm; Stems fork near ground; Chlorosis of needles.	N/A	Remove due to Development
302	<i>Thuja occidentalis</i>	Eastern White Cedar	14	4	Fair-Good	Chlorosis of some needles.	N/A	Remove due to Development
303	<i>Acer platanoides</i>	Norway Maple	44	10	Good	Good form and vigour; Tar spots on leaves.	N/A	Remove due to Development
304	<i>Malus sp.</i>	Apple sp.	17	4	Fair-Good		N/A	Remove due to Development
305	<i>Picea pungens</i>	Colorado Blue Spruce	17	5	Fair	Suppressed by neighbouring trees.	N/A	Remove due to Development
306	<i>Acer platanoides</i>	Norway Maple	41	10	Good	Tar spots on leaves.	N/A	Remove due to Development
307	<i>Picea pungens</i>	Colorado Blue Spruce	34	7	Fair-Good	Adjacent to wood fence; Minor dieback and thinning.	N/A	Remove due to Development
308	<i>Acer saccharinum</i>	Silver Maple	51	14	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
309	<i>Pinus nigra</i>	Austrian Pine	43	7	Fair	Two stems fused together at breast height; Moderate dieback and thinning.	N/A	Remove due to Development
310	<i>Ulmus americana</i>	American Elm	56,51	16	Fair-Good	Codominant stems with a combined DBH of 76 cm; Stems fork at ground; Good form and vigour.	N/A	Remove due to Development
311	<i>Picea pungens</i>	Colorado Blue Spruce	28	5	Fair-Good	Understory tree adjacent to mature American Elm.	N/A	Remove due to Development
312	<i>Pinus nigra</i>	Austrian Pine	39	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
313	<i>Pinus nigra</i>	Austrian Pine	31	4	Poor-Fair	Leader snapped; Very short tree with branches extending past adjacent Buckthorn.	N/A	Removed due to Condition
314	<i>Pinus nigra</i>	Austrian Pine	49	8	Fair-Good	Stems fork into two~ 2.5 m from ground; Relatively good vigour.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
315	<i>Pinus nigra</i>	Austrian Pine	45	8	Fair-Good		N/A	Remove due to Development
316	<i>Pinus nigra</i>	Austrian Pine	44	8	Fair-Good	Chlorosis of needles.	N/A	Remove due to Development
317	<i>Fraxinus pennsylvanica</i>	Green Ash	16	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
318	<i>Morus alba</i>	White Mulberry	18	5	Good	Good vigour; Immediately adjacent to dwelling.	N/A	Remove due to Development
319	<i>Acer platanoides</i>	Norway Maple	11,11,4	5	Good	Three stems with a combined DBH of 16 cm; Good vigour; Stems fork near ground; Adjacent to dwelling.	N/A	Remove due to Development
320	<i>Fraxinus pennsylvanica</i>	Green Ash	12	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
384	<i>Acer negundo</i>	Manitoba Maple	44,31,50	16	Fair-Good	Three stems with a combined DBH of 73 cm; Stems fork near ground; Included bark at stem union; Minor dieback and thinning.	N/A	Remove due to Development
385	<i>Acer x freemanii</i>	Freeman's Maple	10	5	Good	Good form and vigour.	N/A	Remove due to Development
386	<i>Tilia americana</i>	Basswood	28,43	14	Good	Two stems with a combined DBH of 51 cm; Good vigour; Stems fork near ground.	N/A	Remove due to Development
387	<i>Acer saccharinum</i>	Silver Maple	41	14	Fair-Good	Some minor dieback and thinning; Sapsucker damage to trunk.	N/A	Remove due to Development
388	<i>Acer negundo</i>	Manitoba Maple	17,20	7	Good	Codominant stems with a combined DBH of 26 cm; Stems fork near ground.	N/A	Remove due to Development
389	<i>Acer saccharinum</i>	Silver Maple	18,19	7	Good	Codominant stems with a combined DBH of 26 cm; Stems fork just below breast height; Included bark at stem union.	N/A	Remove due to Development
390	<i>Populus x canadensis</i>	Carolina Poplar	10	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
391	<i>Populus x canadensis</i>	Carolina Poplar	18	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
392	<i>Populus x canadensis</i>	Carolina Poplar	46	14	Fair-Good	Some minor dieback and thinning.	N/A	Remove due to Development
393	<i>Picea pungens</i>	Colorado Blue Spruce	30	5	Good		N/A	Remove due to Development
394	<i>Acer platanoides</i>	Norway Maple	33	8	Fair	Moderate dieback and thinning; Tar spots on leaves.	N/A	Remove due to Development
395	<i>Robinia pseudoacacia</i>	Black Locust	9,10,8,7	5	Good	Multi-stemmed with a combined DBH of 17 cm; Included bark at stem unions.	N/A	Remove due to Development
420	<i>Pinus nigra</i>	Austrian Pine	21	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
421	<i>Pinus nigra</i>	Austrian Pine	25	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
432	<i>Fraxinus americana</i>	White Ash	36	4	Poor	Almost dead; EAB.	N/A	Removed due to Condition
433	<i>Pinus nigra</i>	Austrian Pine	20	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
434	<i>Thuja occidentalis</i>	Eastern White Cedar	14	4	Good	Good form and vigour.	N/A	Remove due to Development
435	<i>Acer x freemanii</i>	Freeman's Maple	36,29,25	14	Fair-Good	Three stems with a combined DBH of 53 cm; Stems fork near ground.	N/A	Remove due to Development
436	<i>Fraxinus americana</i>	White Ash	13,11	3	Poor	Two stems with a combined DBH of 17 cm; Almost dead EAB.	N/A	Removed due to Condition
437	<i>Fraxinus americana</i>	White Ash	14	4	Poor	Almost dead; EAB.	N/A	Removed due to Condition
438	<i>Fraxinus americana</i>	White Ash	11	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
439	<i>Thuja occidentalis</i>	Eastern White Cedar	20,11,10,8,14,10	4	Fair-Good	Multi-stemmed with a combined DBH of 31 cm; Stems fork near ground; Some chlorosis of needles.	N/A	Remove due to Development
440	<i>Tilia americana</i>	Basswood	35,16,16	8	Good	Three stems with a combined DBH of 42 cm; Stems fork below breast height; Included bark at stem union.	N/A	Remove due to Development
441	<i>Acer saccharinum</i>	Silver Maple	11,13	6	Good	Codominant stems with a combined DBH of 17 cm; Good vigour; Stems fork near ground.	N/A	Remove due to Development
442	<i>Fraxinus americana</i>	White Ash	29	3	Poor	Almost dead; EAB	N/A	Removed due to Condition
443	<i>Ulmus americana</i>	American Elm	29	5	Fair-Good	Unbalanced crown; Good health and vigour.	N/A	Remove due to Development
444	<i>Acer saccharinum</i>	Silver Maple	44,23,12	12	Fair-Good	Three stems with a combined DBH of 51 cm. Minor dieback and thinning; Treehouse on tree; Rotting cavity on 23 cm stem.	N/A	Remove due to Development
445	<i>Ulmus americana</i>	American Elm	43	12	Good	Good form and vigour.	N/A	Remove due to Development
446	<i>Fraxinus americana</i>	White Ash	26	NA	Dead	Standing snag; EAB.	N/A	Removed due to Condition
447	<i>Populus x canadensis</i>	Carolina Poplar	11	3	Good	Good form and vigour.	N/A	Remove due to Development
448	<i>Populus x canadensis</i>	Carolina Poplar	40	12	Good	Good form and vigour.	N/A	Remove due to Development
449	<i>Fraxinus americana</i>	White Ash	14,11	3	Poor	Two stems with a combined DBH of 18 cm; Almost dead; EAB.	N/A	Removed due to Condition
450	<i>Salix alba</i>	White Willow	12,12,12,16,11,12,12	7	Good	Multi-stemmed with a combined DBH of 33 cm; Stems fork near ground.	N/A	Remove due to Development
451	<i>Salix alba</i>	White Willow	29,19,19,22,10,12,10	8	Good	Multi-stemmed with a combined DBH of 49 cm; Stems fork near ground.	N/A	Remove due to Development
452	<i>Salix alba</i>	White Willow	25,21,11	7	Good	Three stems with a combined DBH of 34 cm; Stems fork near ground.	N/A	Remove due to Development
513	<i>Robinia pseudoacacia</i>	Black Locust	21,23	8	Fair-Good	Codominant stems with a combined DBH of 31 cm; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
647	<i>Acer platanoides</i>	Norway Maple	30,15,14	10	Good	Three stems with a combined DBH of 36 cm; Tar spots on leaves.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
648	<i>Picea pungens</i>	Colorado Blue Spruce	41	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
649	<i>Picea pungens</i>	Colorado Blue Spruce	38	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
650	<i>Picea pungens</i>	Colorado Blue Spruce	33	6	Good	Minor dieback and thinning.	N/A	Remove due to Development
651	<i>Tilia americana</i>	Basswood	11,12,7,8,7	4	Fair-Good	Multi-stemmed with a combined DBH of 21 cm; Stems fork below breast height.	N/A	Remove due to Development
652	<i>Tilia americana</i>	Basswood	13,11,7,9	5	Good	Multi-stemmed with a combined DBH of 20 cm; Stems fork near ground.	N/A	Remove due to Development
653	<i>Acer saccharinum</i>	Silver Maple	39,18	12	Good	Two stems with a combined DBH of 43 cm; Included bark at stem union.	N/A	Remove due to Development
654	<i>Acer saccharinum</i>	Silver Maple	23,7,15,18	10	Good	Multi-stemmed with a combined DBH of 34 cm; Stems fork near ground.	N/A	Remove due to Development
655	<i>Acer saccharinum</i>	Silver Maple	12,6,7	5	Fair-Good	Three stems with a combined DBH of 15 cm; Largest stem dead.	N/A	Remove due to Development
656	<i>Acer saccharinum</i>	Silver Maple	18,19,21	10	Good	Three stems with a combined DBH of 34 cm; Included bark at stem union.	N/A	Remove due to Development
657	<i>Pinus nigra</i>	Austrian Pine	11	3	Good	Good form and vigour.	N/A	Remove due to Development
658	<i>Populus x canadensis</i>	Carolina Poplar	76	16	Fair	Moderate dieback and thinning; Tree past maturity; Declining in health.	N/A	Remove due to Development
659	<i>Pinus nigra</i>	Austrian Pine	23	6	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
660	<i>Pinus nigra</i>	Austrian Pine	16	5	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
661	<i>Malus sp.</i>	Apple sp.	13	4	Fair-Good	Some epicormic growth.	N/A	Remove due to Development
662	<i>Malus sp.</i>	Apple sp.	21	5	Fair	Some epicormic growth.	N/A	Remove due to Development
663	<i>Acer platanoides</i>	Norway Maple	36,16	10	Good	Two stems with a combined DBH of 39 cm; Stems fork below breast height; Tar spots on leaves; Included bark at stem union.	N/A	Remove due to Development
664	<i>Fraxinus americana</i>	White Ash	11	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
665	<i>Malus sp.</i>	Apple sp.	23	5	Fair-Good		N/A	Remove due to Development
666	<i>Acer platanoides</i>	Norway Maple	53	12	Fair-Good	Rotting cavity above primary lateral branches; Tar spots on leaves.	N/A	Remove due to Development
667	<i>Pinus nigra</i>	Austrian Pine	29	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
668	<i>Quercus macrocarpa</i>	Bur Oak	32,22,22,26,26,17	10	Fair	Multi-stemmed with a combined DBH of 60 cm; Central stems are all dead.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
669	<i>Abies balsamea</i>	Balsam Fir	22	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
670	<i>Abies balsamea</i>	Balsam Fir	29	6	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
671	<i>Abies balsamea</i>	Balsam Fir	31	6	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
672	<i>Acer platanoides</i>	Norway Maple	42	10	Good	Tar spots on leaves.	N/A	Remove due to Development
673	<i>Malus sp.</i>	Apple sp.	25	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
674	<i>Acer platanoides</i>	Norway Maple	15	5	Good	Good form and vigour; Tar spots on leaves.	N/A	Remove due to Development
675	<i>Malus sp.</i>	Apple sp.	33	8	Fair-Good	Some Sapsucker damage to trunk; Minor dieback and thinning.	N/A	Remove due to Development
676	<i>Malus sp.</i>	Apple sp.	33	7	Fair-Good	Some Sapsucker damage to trunk.	N/A	Remove due to Development
677	<i>Malus sp.</i>	Apple sp.	23	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
678	<i>Malus sp.</i>	Apple sp.	23	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
679	<i>Malus sp.</i>	Apple sp.	21	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
680	<i>Malus sp.</i>	Apple sp.	23	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
681	<i>Malus sp.</i>	Apple sp.	18	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
682	<i>Prunus avium</i>	Sweet Cherry	16,15,11,12,11,11	5	Fair-Good	Multi-stemmed with a combined DBH of 31 cm; Stems fork near ground; Some black ribbon several stems.	N/A	Remove due to Development
683	<i>Malus sp.</i>	Apple sp.	14	3	Poor	Significant dieback; Tree almost dead.	N/A	Removed due to Condition
684	<i>Acer platanoides</i>	Norway Maple	13	3	Good	Good form and vigour.	N/A	Remove due to Development
685	<i>Picea pungens</i>	Colorado Blue Spruce	32	6	Fair-Good	Tree uprooted and leaning towards the south.	N/A	Remove due to Development
686	<i>Picea pungens</i>	Colorado Blue Spruce	30	5	Fair	Lateral branches within lower half of tree dead	N/A	Remove due to Development
687	<i>Picea pungens</i>	Colorado Blue Spruce	30	7	Good	Good vigour; Corrected lean.	N/A	Remove due to Development
688	<i>Picea pungens</i>	Colorado Blue Spruce	32	5	Good	Tree slightly leaning towards the south.	N/A	Remove due to Development
689	<i>Picea pungens</i>	Colorado Blue Spruce	45	5	Fair-Good	Some dieback and chlorosis of needles.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
690	<i>Picea pungens</i>	Colorado Blue Spruce	50	6	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
691	<i>Picea pungens</i>	Colorado Blue Spruce	40	7	Good	Good form and vigour; DBH approximate as trunk not accessible.	N/A	Remove due to Development
692	<i>Picea pungens</i>	Colorado Blue Spruce	35	7	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
693	<i>Picea pungens</i>	Colorado Blue Spruce	43	7	Fair-Good	Minor dieback and chlorosis of needles.	N/A	Remove due to Development
694	<i>Acer platanoides</i>	Norway Maple	24	6	Good	Good form and vigour.	N/A	Remove due to Development
695	<i>Malus sp.</i>	Apple sp.	18	4	Fair-Good	Some epicormic growth on trunk.	N/A	Remove due to Development
696	<i>Malus sp.</i>	Apple sp.	30	4	Fair-Good	Some epicormic growth on trunk.	N/A	Remove due to Development
697	<i>Malus sp.</i>	Apple sp.	18	4	Fair-Good	Some epicormic growth on trunk.	N/A	Remove due to Development
698	<i>Malus sp.</i>	Apple sp.	18	4	Fair-Good	Some epicormic growth on trunk.	N/A	Remove due to Development
699	<i>Malus sp.</i>	Apple sp.	25	5	Fair-Good	Some Sapsucker damage to trunk.	N/A	Remove due to Development
700	<i>Malus sp.</i>	Apple sp.	19	6	Fair-Good	Tree fruiting; Sapsucker damage to trunk.	N/A	Remove due to Development
701	<i>Fraxinus americana</i>	White Ash	11	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
702	<i>Fraxinus americana</i>	White Ash	11	3	Poor	Almost dead EAB.	N/A	Removed due to Condition
703	<i>Fraxinus americana</i>	White Ash	12	3	Poor-Fair	Declining from EAB.	N/A	Removed due to Condition
Tree Group A								
321	<i>Thuja occidentalis</i>	Eastern White Cedar	11	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
322	<i>Pinus nigra</i>	Austrian Pine	36	8	Fair-Good	Some dieback and thinning.	N/A	Remove due to Development
323	<i>Pinus nigra</i>	Austrian Pine	28	6	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
324	<i>Thuja occidentalis</i>	Eastern White Cedar	8,9	3	Good	Codominant stems with a combined DBH of 12 cm; Stems fork near ground.	N/A	Remove due to Development
325	<i>Picea pungens</i>	Colorado Blue Spruce	38	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
326	<i>Pinus nigra</i>	Austrian Pine	17	6	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
327	<i>Pinus nigra</i>	Austrian Pine	33	6	Fair-Good		N/A	Remove due to Development
328	<i>Fraxinus americana</i>	White Ash	48	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
329	<i>Picea pungens</i>	Colorado Blue Spruce	16	5	Good	Good form and vigour.	N/A	Remove due to Development
330	<i>Picea pungens</i>	Colorado Blue Spruce	22	5	Good	Good form and vigour.	N/A	Remove due to Development
331	<i>Picea pungens</i>	Colorado Blue Spruce	19		Good	Good form and vigour.	N/A	Remove due to Development
332	<i>Fraxinus pennsylvanica</i>	Green Ash	12	3	Poor	Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
333	<i>Fraxinus pennsylvanica</i>	Green Ash	26	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
334	<i>Fraxinus pennsylvanica</i>	Green Ash	15,11,11	4	Poor	Three stems with a combined DBH of 22 cm; Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
335	<i>Fraxinus pennsylvanica</i>	Green Ash	10	2	Poor	Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
336	<i>Fraxinus pennsylvanica</i>	Green Ash	11	3	Poor	Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
337	<i>Fraxinus pennsylvanica</i>	Green Ash	14,13	5	Poor	Two stems with a combined DBH of 19 cm; Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
338	<i>Thuja occidentalis</i>	Eastern White Cedar	13,9	4	Fair-Good	Two stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
339	<i>Thuja occidentalis</i>	Eastern White Cedar	8,7,7	3	Fair-Good	Three stems with a combined DBH of 13 cm; Stems growing horizontally along ground; Some chlorosis of needles.	N/A	Remove due to Development
340	<i>Salix sp.</i>	Willow sp.	23,22,13	7	Fair-Good	Three stems with a combined DBH of Good vigour; Stems fork near ground.	N/A	Remove due to Development
341	<i>Fraxinus americana</i>	White Ash	46	NA	Dead		N/A	Removed due to Condition
342	<i>Acer saccharinum</i>	Silver Maple	21	6	Fair-Good	Overextending lower lateral branch.	N/A	Remove due to Development
343	<i>Populus x canadensis</i>	Carolina Poplar	17	5	Good	Good form and vigour	N/A	Remove due to Development
344	<i>Picea glauca</i>	White Spruce	30	7	Good	Good form and vigour; DBH approximate as trunk not accessible.	N/A	Remove due to Development
345	<i>Thuja occidentalis</i>	Eastern White Cedar	15	5	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
346	<i>Populus x canadensis</i>	Carolina Poplar	54	16	Good	Good form and vigour	N/A	Remove due to Development
347	<i>Picea glauca</i>	White Spruce	22	5	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
348	<i>Thuja occidentalis</i>	Eastern White Cedar	10	3	Good		N/A	Remove due to Development
349	<i>Picea glauca</i>	White Spruce	32	6	Good	Good form and vigour.	N/A	Remove due to Development
350	<i>Pinus nigra</i>	Austrian Pine	35	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
351	<i>Pinus nigra</i>	Austrian Pine	13	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
352	<i>Thuja occidentalis</i>	Eastern White Cedar	13	5	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
353	<i>Pinus nigra</i>	Austrian Pine	17	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
354	<i>Thuja occidentalis</i>	Eastern White Cedar	12	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
355	<i>Thuja occidentalis</i>	Eastern White Cedar	15	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
356	<i>Pinus nigra</i>	Austrian Pine	17	NA	Dead	No needles.	N/A	Removed due to Condition
357	<i>Picea glauca</i>	White Spruce	22	5	Fair-Good	Chlorosis of needles; Seeding significantly.	N/A	Remove due to Development
358	<i>Thuja occidentalis</i>	Eastern White Cedar	13,6	4	Fair-Good	Two stems with a combined DBH of 14 cm; Some chlorosis of needles.	N/A	Remove due to Development
359	<i>Thuja occidentalis</i>	Eastern White Cedar	16	3	Poor	Leader and top of crown dead; Tree declining in health.	N/A	Removed due to Condition
360	<i>Thuja occidentalis</i>	Eastern White Cedar	12	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
361	<i>Pinus nigra</i>	Austrian Pine	16	NA	Dead	No needles.	N/A	Removed due to Condition
362	<i>Thuja occidentalis</i>	Eastern White Cedar	15	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
363	<i>Pinus nigra</i>	Austrian Pine	16	3	Poor-Fair	Tree declining in health.	N/A	Removed due to Condition
364	<i>Pinus nigra</i>	Austrian Pine	11	2	Fair-Good	System bends at ~2m from ground.	N/A	Remove due to Development
365	<i>Populus x canadensis</i>	Carolina Poplar	52	14	Fair-Good	Some minor dieback and thinning.	N/A	Remove due to Development
366	<i>Thuja occidentalis</i>	Eastern White Cedar	16	4	Fair-Good	Chlorosis of needles.	N/A	Remove due to Development
367	<i>Pinus nigra</i>	Austrian Pine	19	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
368	<i>Ulmus americana</i>	American Elm	39	7	Fair-Good	Relatively good vigour.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
369	<i>Fraxinus pennsylvanica</i>	Green Ash	23	3	Poor	Tree almost dead as a result of infestation from Emerald Ash Borer.	N/A	Removed due to Condition
370	<i>Acer saccharinum</i>	Silver Maple	39	12	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
371	<i>Thuja occidentalis</i>	Eastern White Cedar	21	4	Fair-Good	Some chlorosis of needles	N/A	Remove due to Development
372	<i>Thuja occidentalis</i>	Eastern White Cedar	21,21,13	4	Fair-Good	Three stems with a combined DBH of 32 cm; Some chlorosis of needles; Stems fork near ground.	N/A	Remove due to Development
373	<i>Pinus nigra</i>	Austrian Pine	26	6	Fair-Good	Minor dieback.	N/A	Remove due to Development
374	<i>Thuja occidentalis</i>	Eastern White Cedar	22	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
375	<i>Pinus nigra</i>	Austrian Pine	24	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
376	<i>Thuja occidentalis</i>	Eastern White Cedar	16	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
377	<i>Pinus nigra</i>	Austrian Pine	25	6	Good	Minor dieback and thinning.	N/A	Remove due to Development
378	<i>Pinus nigra</i>	Austrian Pine	25	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
379	<i>Thuja occidentalis</i>	Eastern White Cedar	10,5	3	Fair-Good	Two stems with a combined DBH of 11 cm; Some chlorosis of needles.	N/A	Remove due to Development
380	<i>Pinus nigra</i>	Austrian Pine	21	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
381	<i>Thuja occidentalis</i>	Eastern White Cedar	13	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
382	<i>Thuja occidentalis</i>	Eastern White Cedar	11	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
383	<i>Picea pungens</i>	Colorado Blue Spruce	40	6	Fair-Good		N/A	Remove due to Development
Tree Group B								
401	<i>Acer saccharinum</i>	Silver Maple	18,18,17,16,16,9	12	Fair-Good	Multi-stemmed with a combined DBH of 39 cm; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
402	<i>Acer saccharinum</i>	Silver Maple	12	5	Good	Good form and vigour.	N/A	Remove due to Development
403	<i>Fraxinus americana</i>	White Ash	13	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
404	<i>Acer saccharinum</i>	Silver Maple	12	5	Good	Good form and vigour.	N/A	Remove due to Development
405	<i>Fraxinus americana</i>	White Ash	13	4	Poor	Almost dead.	N/A	Removed due to Condition

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
406	<i>Acer saccharinum</i>	Silver Maple	25,20,13	8	Fair-Good	Three stems with a combined DBH of 35 cm; Stems fork near ground.	N/A	Remove due to Development
407	<i>Acer saccharinum</i>	Silver Maple	18	5	Fair-Good	Suppressed on north side of tree.	N/A	Remove due to Development
408	<i>Acer saccharinum</i>	Silver Maple	66	16	Fair-Good	Good vigour; Included bark at branch union.	N/A	Remove due to Development
409	<i>Thuja occidentalis</i>	Eastern White Cedar	11,10,5	4	Fair-Good	Three stems with a combined DBH of 16 cm; Stems fork near ground; Some chlorosis of needles.	N/A	Remove due to Development
410	<i>Picea glauca</i>	White Spruce	27	6	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
411	<i>Picea glauca</i>	White Spruce	21	6	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
412	<i>Picea glauca</i>	White Spruce	23	6	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
413	<i>Picea glauca</i>	White Spruce	16	5	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
414	<i>Picea glauca</i>	White Spruce	18	5	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
415	<i>Picea glauca</i>	White Spruce	26	6	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
416	<i>Picea glauca</i>	White Spruce	17	4	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
417	<i>Picea glauca</i>	White Spruce	8,7	4	Fair-Good	Codominant stems with a combined DBH of 11 cm; Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
418	<i>Thuja occidentalis</i>	Eastern White Cedar	14,9,19	4	Fair-Good	Three stems with a combined DBH of 25 cm; Stems fork near ground; Some chlorosis of needles.	N/A	Remove due to Development
419	<i>Picea glauca</i>	White Spruce	23	5	Fair-Good	Dead lower lateral branches due to overcrowding.	N/A	Remove due to Development
422	<i>Thuja occidentalis</i>	Eastern White Cedar	11	3	Poor-Fair	Tree declining in health.	N/A	Removed due to Condition
423	<i>Picea glauca</i>	White Spruce	19	4	Fair	Moderate dieback and thinning; Dead lower branches.	N/A	Remove due to Development
424	<i>Picea glauca</i>	White Spruce	14		Fair	Moderate dieback and thinning; Dead lower branches.	N/A	Remove due to Development
425	<i>Picea glauca</i>	White Spruce	23	5	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
426	<i>Picea glauca</i>	White Spruce	17	5	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
427	<i>Picea glauca</i>	White Spruce	15	4	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
428	<i>Picea glauca</i>	White Spruce	10	3	Fair	Dead lower branches due to overcrowding.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
429	<i>Picea glauca</i>	White Spruce	21	5	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
430	<i>Picea glauca</i>	White Spruce	21	5	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
431	<i>Picea glauca</i>	White Spruce	23	5	Fair-Good	Dead lower branches due to overcrowding.	N/A	Remove due to Development
453	<i>Picea glauca</i>	White Spruce	25,15	6	Fair-Good	Two stems with a combined DBH of 29 cm; Minor dieback and thinning.	N/A	Remove due to Development
454	<i>Picea glauca</i>	White Spruce	18	3	Fair	Evidence of fire at base of tree; Moderate dieback and chlorosis of needles.	N/A	Remove due to Development
455	<i>Pinus nigra</i>	Austrian Pine	12	2	Fair	Moderate dieback.	N/A	Remove due to Development
456	<i>Pinus nigra</i>	Austrian Pine	12	2	Fair	Moderate dieback.	N/A	Remove due to Development
457	<i>Pinus nigra</i>	Austrian Pine	11	2	Fair	Moderate dieback.	N/A	Remove due to Development
458	<i>Pinus nigra</i>	Austrian Pine	13	2	Fair	Moderate dieback.	N/A	Remove due to Development
459	<i>Picea glauca</i>	White Spruce	14	2	Fair-Good	Branches concentrated at top of tree.	N/A	Remove due to Development
460	<i>Picea glauca</i>	White Spruce	13	2	Fair-Good	Branches concentrated at top of tree.	N/A	Remove due to Development
461	<i>Picea glauca</i>	White Spruce	18	4	Fair-Good	Minor dieback.	N/A	Remove due to Development
462	<i>Thuja occidentalis</i>	Eastern White Cedar	11	3	Good	Good form and vigour.	N/A	Remove due to Development
463	<i>Pinus nigra</i>	Austrian Pine	15	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
464	<i>Thuja occidentalis</i>	Eastern White Cedar	13	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
465	<i>Pinus nigra</i>	Austrian Pine	18	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
466	<i>Pinus nigra</i>	Austrian Pine	13	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
467	<i>Pinus nigra</i>	Austrian Pine	12	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
468	<i>Pinus nigra</i>	Austrian Pine	14	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
469	<i>Pinus nigra</i>	Austrian Pine	18	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
470	<i>Pinus nigra</i>	Austrian Pine	13	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
471	<i>Thuja occidentalis</i>	Eastern White Cedar	10	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
472	<i>Pinus nigra</i>	Austrian Pine	14,11,8	5	Fair-Good	Three stems with a combined DBH of 20 cm; Minor dieback; Stems fork at ground.	N/A	Remove due to Development
473	<i>Picea glauca</i>	White Spruce	20	5	Fair-Good	Minor dieback.	N/A	Remove due to Development
474	<i>Picea glauca</i>	White Spruce	13	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
475	<i>Picea glauca</i>	White Spruce	10	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
476	<i>Picea glauca</i>	White Spruce	12	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
477	<i>Picea glauca</i>	White Spruce	14	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
478	<i>Picea glauca</i>	White Spruce	15	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
479	<i>Picea glauca</i>	White Spruce	16	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
480	<i>Robinia pseudoacacia</i>	Black Locust	11	5	Good	Good form and vigour.	N/A	Remove due to Development
481	<i>Robinia pseudoacacia</i>	Black Locust	23	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
482	<i>Picea glauca</i>	White Spruce	13	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
483	<i>Picea glauca</i>	White Spruce	24	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
484	<i>Picea pungens</i>	Colorado Blue Spruce	15	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
485	<i>Robinia pseudoacacia</i>	Black Locust	11	5	Good	Good form and vigour.	N/A	Remove due to Development
486	<i>Picea glauca</i>	White Spruce	26	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
487	<i>Picea glauca</i>	White Spruce	14	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
488	<i>Robinia pseudoacacia</i>	Black Locust	12	4	Good	Good form and vigour.	N/A	Remove due to Development
489	<i>Picea pungens</i>	Colorado Blue Spruce	34	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
490	<i>Picea pungens</i>	Colorado Blue Spruce	26	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
491	<i>Robinia pseudoacacia</i>	Black Locust	19,23	6	Fair-Good	Two stems with a combined DBH of 30 cm; Stems fork just below breast height; Included bark at stem union.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
492	<i>Picea pungens</i>	Colorado Blue Spruce	20	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
493	<i>Robinia pseudoacacia</i>	Black Locust	16	6	Good	Good form and vigour.	N/A	Remove due to Development
494	<i>Acer negundo</i>	Manitoba Maple	18,15	7	Fair-Good	Two stems with a combined DBH of 23 cm; Stems fork near ground; Typical form.	N/A	Remove due to Development
495	<i>Robinia pseudoacacia</i>	Black Locust	16,16	7	Good	Codominant stems with a combined DBH of 23 cm; Stems fork near ground.	N/A	Remove due to Development
496	<i>Robinia pseudoacacia</i>	Black Locust	18,11	6	Good	Two stems with a combined DBH of 21 cm; Stems fork near ground; Included bark at stem union.	N/A	Remove due to Development
497	<i>Robinia pseudoacacia</i>	Black Locust	11	4	Fair-Good	Stem bending towards the top.	N/A	Remove due to Development
498	<i>Robinia pseudoacacia</i>	Black Locust	23	5	Good	Good form and vigour.	N/A	Remove due to Development
499	<i>Robinia pseudoacacia</i>	Black Locust	12	3	Fair-Good	Good health and vigour.	N/A	Remove due to Development
500	<i>Picea pungens</i>	Colorado Blue Spruce	14	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
501	<i>Picea pungens</i>	Colorado Blue Spruce	11	NA	Dead	Standing snag.	N/A	Removed due to Condition
502	<i>Picea pungens</i>	Colorado Blue Spruce	12	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
503	<i>Picea pungens</i>	Colorado Blue Spruce	22	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
504	<i>Picea pungens</i>	Colorado Blue Spruce	18	3	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
505	<i>Picea pungens</i>	Colorado Blue Spruce	19	4	Fair-Good	Minor dieback and thinning	N/A	Remove due to Development
506	<i>Thuja occidentalis</i>	Eastern White Cedar	11,11	3	Fair-Good	Codominant stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
507	<i>Thuja occidentalis</i>	Eastern White Cedar	15	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
508	<i>Thuja occidentalis</i>	Eastern White Cedar	11	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
510	<i>Thuja occidentalis</i>	Eastern White Cedar	14	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
511	<i>Thuja occidentalis</i>	Eastern White Cedar	14	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
512	<i>Thuja occidentalis</i>	Eastern White Cedar	12	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
Tree Group C								
514	<i>Fraxinus americana</i>	White Ash	14,14,15,12,7	3	Poor	Multi-stemmed with a combined DBH of 29 cm; Almost dead; EAB.	N/A	Removed due to Condition

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
515	<i>Fraxinus americana</i>	White Ash	13,8	5	Fair-Good	Two stems with a combined DBH of 15 cm; Relatively good health; No evidence of EAB damage.	N/A	Remove due to Development
516	<i>Acer saccharinum</i>	Silver Maple	72,30	17	Fair-Good	Two stems with a combined DBH of 78 cm; Good form and vigour; Minor dieback and thinning.	N/A	Remove due to Development
517	<i>Populus tremuloides</i>	Trembling Aspen	19	5	Good	Good form and vigour.	N/A	Remove due to Development
518	<i>Populus tremuloides</i>	Trembling Aspen	18	5	Good	Good form and vigour.	N/A	Remove due to Development
519	<i>Fraxinus americana</i>	White Ash	12	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
520	<i>Pinus sylvestris</i>	Scots Pine	35	6	Fair	Minor dieback and thinning.	N/A	Remove due to Development
521	<i>Pinus sylvestris</i>	Scots Pine	10	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
522	<i>Pinus sylvestris</i>	Scots Pine	14	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
523	<i>Pinus sylvestris</i>	Scots Pine	18	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
524	<i>Picea glauca</i>	White Spruce	21	6	Good	Good form and vigour.	N/A	Remove due to Development
525	<i>Pinus sylvestris</i>	Scots Pine	24	6	Fair-Good	Minor dieback and thinning,	N/A	Remove due to Development
526	<i>Populus tremuloides</i>	Trembling Aspen	17	5	Good	Good form and vigour.	N/A	Remove due to Development
527	<i>Populus tremuloides</i>	Trembling Aspen	22	6	Good	Good form and vigour.	N/A	Remove due to Development
528	<i>Pinus sylvestris</i>	Scots Pine	27	6	Fair-Good	Minor dieback and thinning; Sapsucker damage to trunk.	N/A	Remove due to Development
529	<i>Pinus nigra</i>	Austrian Pine	30	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
530	<i>Pinus nigra</i>	Austrian Pine	21	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
531	<i>Pinus nigra</i>	Austrian Pine	27	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
532	<i>Pinus nigra</i>	Austrian Pine	52	8	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
533	<i>Salix alba</i>	White Willow	32	8	Good	Good form and vigour.	N/A	Remove due to Development
534	<i>Fraxinus americana</i>	White Ash	19	7	Fair-Good	Relatively good health; No obvious decline from EAB.	N/A	Remove due to Development
535	<i>Fraxinus americana</i>	White Ash	12	4	Fair	Moderate dieback and thinning; Declining as a result of EAB; Epicormic growth.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
536	<i>Fraxinus americana</i>	White Ash	12	2	Poor	Almost dead; EAB.	N/A	Removed due to Condition
537	<i>Fraxinus americana</i>	White Ash	39	NA	Dead	Dead tree; EAB.	N/A	Removed due to Condition
538	<i>Picea glauca</i>	White Spruce	17	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
539	<i>Pinus nigra</i>	Austrian Pine	40	8	Fair-Good	Minor dieback and thinning; Sapsucker damage to trunk.	N/A	Remove due to Development
540	<i>Pinus nigra</i>	Austrian Pine	15	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
541	<i>Pinus nigra</i>	Austrian Pine	37	5	Fair	Leader snapped; Moderate dieback and thinning.	N/A	Remove due to Development
542	<i>Picea glauca</i>	White Spruce	17	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
543	<i>Pinus sylvestris</i>	Scots Pine	28	5	Fair-Good	Minor dieback and thinning; Sapsucker damage to trunk.	N/A	Remove due to Development
544	<i>Pinus sylvestris</i>	Scots Pine	18	5	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
545	<i>Pinus sylvestris</i>	Scots Pine	20	5	Good	Good form and vigour.	N/A	Remove due to Development
546	<i>Picea glauca</i>	White Spruce	17	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
547	<i>Pinus sylvestris</i>	Scots Pine	17	5	Good	Good form and vigour.	N/A	Remove due to Development
548	<i>Pinus sylvestris</i>	Scots Pine	24	4	Good	Good form and vigour.	N/A	Remove due to Development
549	<i>Pinus sylvestris</i>	Scots Pine	18	4	Good	Good form and vigour.	N/A	Remove due to Development
550	<i>Pinus sylvestris</i>	Scots Pine	28,8,17,22	7	Fair-Good	Multi-stemmed with a combined DBH of 34 cm; Stems fork at ground.	N/A	Remove due to Development
551	<i>Quercus rubra</i>	Red Oak	13	6	Good	Good form and vigour.	N/A	Remove due to Development
552	<i>Quercus rubra</i>	Red Oak	49	14	Good	Good form and vigour.	N/A	Remove due to Development
553	<i>Picea glauca</i>	White Spruce	23	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
554	<i>Picea glauca</i>	White Spruce	17,15	5	Fair-Good	Codominant stems with a combined DBH of 23 cm; Minor dieback and thinning.	N/A	Remove due to Development
555	<i>Picea glauca</i>	White Spruce	35	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
556	<i>Picea glauca</i>	White Spruce	34	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
557	<i>Picea glauca</i>	White Spruce	18	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
558	<i>Picea glauca</i>	White Spruce	35	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
559	<i>Quercus rubra</i>	Red Oak	14	7	Fair	Vertical wounds all along north side of trunk and branches.	N/A	Remove due to Development
560	<i>Quercus rubra</i>	Red Oak	20	7	Fair-Good	Trunk girdling from chain-link fence.	N/A	Remove due to Development
561	<i>Pinus nigra</i>	Austrian Pine	28,18	5	Fair-Good	Two stems with a combined DBH of 33 cm; Minor dieback and thinning; Smaller stem dead.	N/A	Remove due to Development
562	<i>Betula papyrifera</i>	White Birch	24	6	Good	Good form and vigour.	N/A	Remove due to Development
563	<i>Pinus nigra</i>	Austrian Pine	33	8	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
564	<i>Pinus nigra</i>	Austrian Pine	22,20,25	6	Good	Three stems with a combined DBH of 39 cm; Good form and vigour.	N/A	Remove due to Development
565	<i>Pinus nigra</i>	Austrian Pine	44	8	Good	Good form and vigour.	N/A	Remove due to Development
566	<i>Fraxinus americana</i>	White Ash	30	4	Poor	Almost dead; EAB.	N/A	Removed due to Condition
567	<i>Populus x canadensis</i>	Carolina Poplar	33,17	6	Good	Two stems with a combined DBH of 37 cm; Good form and vigour; Stems fork near ground.	N/A	Remove due to Development
568	<i>Pinus nigra</i>	Austrian Pine	33	7	Good	Good form and vigour.	N/A	Remove due to Development
569	<i>Pinus nigra</i>	Austrian Pine	39	7	Good	Good form and vigour.	N/A	Remove due to Development
570	<i>Populus x canadensis</i>	Carolina Poplar	53	12	Fair	Large vertical rotting wound at base of tree; Moderate dieback and thinning.	N/A	Remove due to Development
571	<i>Pinus nigra</i>	Austrian Pine	12,13	4	Fair	Codominant stems with a combined DBH of 18 cm; Moderate dieback and thinning; Stems fork near ground.	N/A	Remove due to Development
572	<i>Populus x canadensis</i>	Carolina Poplar	49	7	Fair	Moderate dieback and thinning; Tree past maturity and declining in health.	N/A	Remove due to Development
573	<i>Populus x canadensis</i>	Carolina Poplar	66	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
574	<i>Populus x canadensis</i>	Carolina Poplar	47	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
574	<i>Populus x canadensis</i>	Carolina Poplar	40	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
575	<i>Populus x canadensis</i>	Carolina Poplar	20	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
576	<i>Populus x canadensis</i>	Carolina Poplar	40	NA	Dead	Potential risk tree.	N/A	Removed due to Condition

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
577	<i>Populus x canadensis</i>	Carolina Poplar	47,30	NA	Dead	Two stems with a combined DBH of 56 cm; Potential risk tree.	N/A	Removed due to Condition
578	<i>Populus x canadensis</i>	Carolina Poplar	16	5	Good	Good form and vigour.	N/A	Remove due to Development
579	<i>Fraxinus americana</i>	White Ash	30	4	Poor	Almost dead; EAB.	N/A	Removed due to Condition
Tree Group D								
580	<i>Picea glauca</i>	White Spruce	27	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
581	<i>Picea glauca</i>	White Spruce	13	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
582	<i>Picea glauca</i>	White Spruce	18	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
583	<i>Pinus nigra</i>	Austrian Pine	24	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
584	<i>Pinus nigra</i>	Austrian Pine	30	5	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
585	<i>Pinus nigra</i>	Austrian Pine	29	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
586	<i>Pinus nigra</i>	Austrian Pine	21	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
587	<i>Pinus nigra</i>	Austrian Pine	11	3	Fair	Leader snapped; Moderate dieback and thinning.	N/A	Remove due to Development
588	<i>Pinus nigra</i>	Austrian Pine	16	3	Fair	Relatively small crown; Moderate dieback and thinning.	N/A	Remove due to Development
589	<i>Pinus nigra</i>	Austrian Pine	22	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
590	<i>Picea glauca</i>	White Spruce	17	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
591	<i>Pinus nigra</i>	Austrian Pine	30	4	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
592	<i>Pinus nigra</i>	Austrian Pine	13	NA	Dead	Potential risk tree; Stem snapped and hanging ~ 5 m from ground.	N/A	Removed due to Condition
593	<i>Picea glauca</i>	White Spruce	18	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
594	<i>Pinus nigra</i>	Austrian Pine	24	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
595	<i>Pinus nigra</i>	Austrian Pine	22	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
596	<i>Pinus nigra</i>	Austrian Pine	24	6	Fair-Good	Minor dieback and some chlorosis of needles.	N/A	Remove due to Development
597	<i>Pinus nigra</i>	Austrian Pine	18	3	Fair	Moderate dieback and thinning.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
598	<i>Pinus nigra</i>	Austrian Pine	25	NA	Dead	Potential risk tree.	N/A	Removed due to Condition
599	<i>Pinus nigra</i>	Austrian Pine	27	5	Poor	Significant dieback and thinning.	N/A	Removed due to Condition
600	<i>Pinus nigra</i>	Austrian Pine	26	5	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
601	<i>Fraxinus americana</i>	White Ash	30	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
602	<i>Thuja occidentalis</i>	Eastern White Cedar	10,5,5	3	Fair-Good	Three stems with a combined DBH of 12 cm; Some chlorosis of needles.	N/A	Remove due to Development
603	<i>Thuja occidentalis</i>	Eastern White Cedar	9,9	3	Fair-Good	Codominant stems with a combined DBH of 13 cm; Some chlorosis of needles.	N/A	Remove due to Development
604	<i>Thuja occidentalis</i>	Eastern White Cedar	12,8,5	3	Fair-Good	Three stems with a combined DBH of 15 cm; Some chlorosis of needles.	N/A	Remove due to Development
605	<i>Thuja occidentalis</i>	Eastern White Cedar	13,6	3	Fair-Good	Two stems with a combined DBH of 14 cm; Some chlorosis of needles.	N/A	Remove due to Development
606	<i>Thuja occidentalis</i>	Eastern White Cedar	21,10,17,7	4	Fair-Good	Multi-stemmed with a combined DBH of 30 cm; Some chlorosis of needles.	N/A	Remove due to Development
607	<i>Pinus nigra</i>	Austrian Pine	23	4	Fair	Moderate dieback and thinning.	N/A	Remove due to Development
608	<i>Juglans nigra</i>	Black Walnut	37	11	Good	Good form and vigour.	N/A	Remove due to Development
609	<i>Thuja occidentalis</i>	Eastern White Cedar	12,11	3	Fair-Good	Codominant stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
610	<i>Thuja occidentalis</i>	Eastern White Cedar	6,15	3	Fair-Good	Two stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
611	<i>Thuja occidentalis</i>	Eastern White Cedar	11,5	3	Poor-Fair	Two stems with a combined DBH of 12 cm; Tree declining in health; Many dead branches.	N/A	Removed due to Condition
612	<i>Thuja occidentalis</i>	Eastern White Cedar	17	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
613	<i>Thuja occidentalis</i>	Eastern White Cedar	14	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
614	<i>Thuja occidentalis</i>	Eastern White Cedar	15,6	3	Fair-Good	Two stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
615	<i>Thuja occidentalis</i>	Eastern White Cedar	14	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
616	<i>Thuja occidentalis</i>	Eastern White Cedar	17,8,6	3	Fair-Good	Three stems with a combined DBH of 20 cm; Some chlorosis of needles.	N/A	Remove due to Development
617	<i>Thuja occidentalis</i>	Eastern White Cedar	15,6	3	Fair-Good	Two stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
618	<i>Thuja occidentalis</i>	Eastern White Cedar	13	2	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development

Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
619	<i>Thuja occidentalis</i>	Eastern White Cedar	12	2	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
620	<i>Thuja occidentalis</i>	Eastern White Cedar	17	4	Fair	Chlorosis of needles; Moderate dieback and thinning.	N/A	Remove due to Development
621	<i>Thuja occidentalis</i>	Eastern White Cedar	13,10	3	Fair	Two stems with a combined DBH of 16 cm; Chlorosis of needles; Moderate dieback and thinning.	N/A	Remove due to Development
622	<i>Thuja occidentalis</i>	Eastern White Cedar	22	4	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
623	<i>Thuja occidentalis</i>	Eastern White Cedar	19,10	4	Fair-Good	Two stems with a combined DBH of 21 cm; Some chlorosis of needles.	N/A	Remove due to Development
624	<i>Thuja occidentalis</i>	Eastern White Cedar	13,10	3	Fair-Good	Two stems with a combined DBH of 16 cm; Some chlorosis of needles.	N/A	Remove due to Development
625	<i>Thuja occidentalis</i>	Eastern White Cedar	10,12,11,5	4	Fair-Good	Multi-stemmed with a combined DBH of 20 cm; Some chlorosis of needles.	N/A	Remove due to Development
626	<i>Thuja occidentalis</i>	Eastern White Cedar	14,14,10	3	Fair-Good	Three stems with a combined DBH of 22 cm; Some chlorosis of needles.	N/A	Remove due to Development
627	<i>Thuja occidentalis</i>	Eastern White Cedar	15	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
628	<i>Thuja occidentalis</i>	Eastern White Cedar	16	2	Fair	Some chlorosis of needles; Moderate dieback.	N/A	Remove due to Development
629	<i>Thuja occidentalis</i>	Eastern White Cedar	8,8,7	2	Poor-Fair	Three stems with a combined DBH of 13 cm; Tree declining in health; Few needles at top of crown.	N/A	Removed due to Condition
630	<i>Thuja occidentalis</i>	Eastern White Cedar	15,13	3	Fair-Good	Codominant stems with a combined DBH of 20 cm; Some chlorosis of needles.	N/A	Remove due to Development
631	<i>Thuja occidentalis</i>	Eastern White Cedar	14	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
632	<i>Thuja occidentalis</i>	Eastern White Cedar	15	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
633	<i>Thuja occidentalis</i>	Eastern White Cedar	10,7,6	3	Fair-Good	Three stems with a combined DBH of 14 cm; Some chlorosis of needles.	N/A	Remove due to Development
634	<i>Thuja occidentalis</i>	Eastern White Cedar	17	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
635	<i>Thuja occidentalis</i>	Eastern White Cedar	17	3	Fair-Good	Some chlorosis of needles.	N/A	Remove due to Development
636	<i>Thuja occidentalis</i>	Eastern White Cedar	13,8	3	Fair-Good	Two stems with a combined DBH of 15 cm; Some chlorosis of needles.	N/A	Remove due to Development
637	<i>Thuja occidentalis</i>	Eastern White Cedar	10,12,22	3	Fair-Good	Three stems with a combined DBH of 27 cm; Some chlorosis of needles.	N/A	Remove due to Development
638	<i>Thuja occidentalis</i>	Eastern White Cedar	5,5,8	2	Fair-Good	Three stems with a combined DBH of 11 cm; Some chlorosis of needles.	N/A	Remove due to Development
639	<i>Thuja occidentalis</i>	Eastern White Cedar	20,9	4	Fair-Good	Two stems with a combined DBH of 22 cm; Some chlorosis of needles.	N/A	Remove due to Development

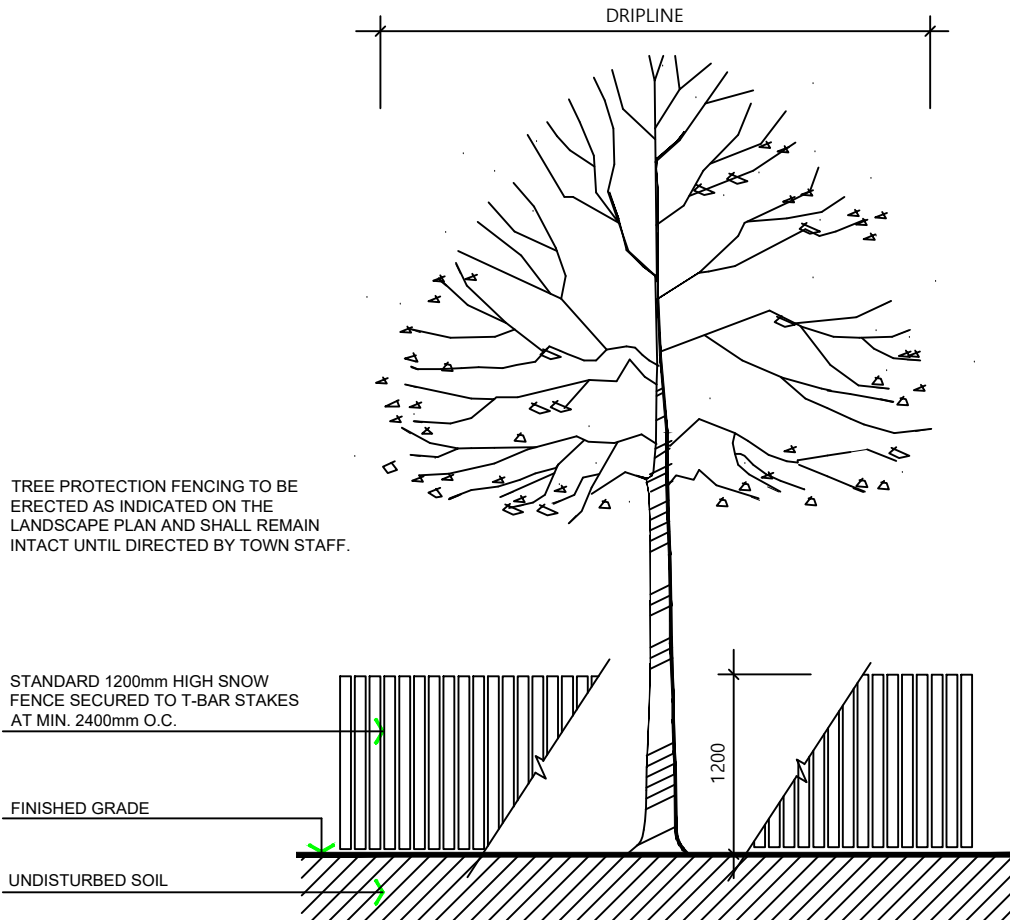
Tag/Tree No.	Scientific Name	Common Name	DBH (cm)	Crown Diameter (m)	Condition ¹	Comments	TPZ Radius ² (m)	Preservation Recommendation
640	<i>Thuja occidentalis</i>	Eastern White Cedar	11,6	3	Fair-Good	Two stems with a combined DBH of 13 cm; Some chlorosis of needles.	N/A	Remove due to Development
641	<i>Pinus nigra</i>	Austrian Pine	33	7	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development
NT1	<i>Picea pungens</i>	Colorado Blue Spruce	31	7	Fair-Good	Suppressed on south side of tree.	N/A	Remove due to Development
642	<i>Fraxinus americana</i>	White Ash	25	3	Poor	Almost dead; EAB.	N/A	Removed due to Condition
643	<i>Pinus nigra</i>	Austrian Pine	32,12,19,11	7	Fair-Good	Multi-stemmed with a combined DBH of 41 cm; Minor dieback and thinning.	N/A	Remove due to Development
645	<i>Pinus nigra</i>	Austrian Pine	24,30	7	Good	Two stems with a combined DBH of 38 cm; Good form and vigour.	N/A	Remove due to Development
646	<i>Picea pungens</i>	Colorado Blue Spruce	36	6	Fair-Good	Minor dieback and thinning.	N/A	Remove due to Development

1. 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; or
Good Condition – Healthy vigorous growth, no or minor visible defects or damage; o

2. The TPZ is the minimum distance required for tree preservation. Where this distance cannot be provided, the tree may be recommended for removal.

Appendix C

**Town of Caledon
Tree Preservation Standard No. 606**



SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING VEGETATION:

1. PRIOR TO ISSUANCE OF THE GRADING AND SERVICING OR BUILDING PERMIT, ALL EXISTING TREES THAT ARE TO BE PRESERVED SHALL BE FULLY PROTECTED WITH HOARDING (IE SNOW FENCING) OUTSIDE THEIR 'DRIPLINES', OR AS DIRECTED THROUGH ADDITIONAL GOVERNING DOCUMENTS, TO THE SATISFACTION OF THE TOWN.
2. GROUPS OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED SHALL BE TREATED IN A LIKE MANNER WITH HOARDING AROUND THE ENTIRE CLUMP(S).
3. TREE PRESERVATION FENCE IS TO BE INSPECTED BY THE CONSULTING ARBORIST OR LANDSCAPE ARCHITECT AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION COMMENCING.
4. SILTATION CONTROL FENCING MAY BE USED AS A TREE PRESERVATION FENCING SUBSTITUTE IF REQUIRED BY ENGINEERING AT THE DISCRETION OF THE TOWN.
5. AREAS WITHIN PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT. NO CONTAMINANTS SHALL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST. NO GARBAGE OR BUILDING MATERIALS ARE TO BE PLACED ON OR AGAINST THE TREE PRESERVATION FENCE.
6. PRUNE BRANCHES TO REMOVE DAMAGED LIMBS ONLY. DO NOT DAMAGE LEADERS. ALL CUTS OVER 25mm SHALL BE TREATED IN ACCORDANCE WITH APPROPRIATE HORTICULTURAL PRACTICES AS APPROVED BY THE TOWN. NO MORE THAN 20% OF THE TREE SHALL BE PRUNED UNLESS DIRECTED BY THE TOWN.
7. CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES TO BE PRESERVED WILL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE PUBLIC WORKS AND ENGINEERING DEPARTMENT.
8. IF TREES ARE BEING ADVERSELY AFFECTED BY CONSTRUCTION, A WATERING AND FERTILIZING PROGRAM IS TO BE SET UP TO THE SATISFACTION OF THE TOWN.
9. PRIOR TO FINAL APPROVAL TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR PRIOR DURING OR POST CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH TREES OF A SIZE AND SPECIES APPROVED BY THE TOWN, AT THE SOLE COST OF THE DEVELOPER.

TOWN OF CALEDON					APR'D: C.C.	DATE: JUNE 08
	3	STANDARD 707 NOW 606		JAN 18		
	2	STANDARD No. 1135 NOW 707, NOTES EDIT		JUNE 08	DRAWN: abal	SCALE: NTS
	1	NOTE NO. 9 ADDED		MARCH 08	STANDARD No. 606	
TREE PRESERVATION	NO.	REVISION	APR'D	DATE		