

TOWN OF CALEDON
PLANNING
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February 13, 2026



**Arborist Report and Tree Preservation Plan
Station Road**

14 Station Road, Bolton, Ontario L7E 1T8

Submitted to:

King Station Limited Partnership
79 Wingold Avenue, Unit 7
Toronto, Ontario
M6B 1P8

Submitted by:

GEI Consultants Canada Ltd.
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February 11, 2026
Project 2300763

Development Application Number: DART RZ 2024-0003

Statement of Conditions

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Issues and Revisions Registry

Report Number:	Issued/Revision Date:	Authored/Revised By:	Description of Issued and/or Revision
00	February 29, 2024	Pamela Teddy and Sara Ross	Submission of original Arborist Report and Tree Preservation Plan
01	February 11, 2026	Alexander MacLeod and Sara Ross	Revision to Arborist Report and Tree Preservation Plan to reflect updated Site Plan and Grading Plan, updated Town of Caledon requirements (<i>Terms of Reference: Tree Preservation, 2024</i>) for Arborist Reports and Tree Preservation Plans.



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1. Introduction

GEI Consultants Canada Ltd. (GEI) was contracted by King Station Limited Partnership (the Client) to complete an Arborist Report and Tree Preservation Plan for the property located at 14 Station Road, Bolton, in the Town of Caledon (the Town), Ontario, Regional Municipality of Peel (herein referred to as the Subject Lands; **Figure 1, Appendix A**). The Subject Lands are located within a highly developed residential neighbourhood on an empty lot that is proposed for redevelopment into a parking lot (the Project). The Subject Lands are approximately 0.37 hectares (ha) in size. Currently there is a treed area within the limits of the Subject Lands.

This Arborist Report and Tree Preservation Plan presents the results of the tree inventory, identifies opportunities for tree preservation and protection, recommends measures to protect retainable trees, and proposes compensation for tree removals. The objective of the Tree Preservation Plan is to retain existing tree cover wherever feasible and to minimize the risk of injury to trees identified for protection. The preparation of this report was guided by the Town of Caledon's *Terms of Reference: Tree Preservation* (2024).



2. Methodology

Trees located within the Subject Lands and the adjacent 6 m buffer area were included in the tree inventory which was conducted on September 15 and 28, 2023, and was inclusive of all trees with a diameter-at-breast-height (DBH) of 10 cm or greater as per the Town of Caledon's *Terms of Reference: Tree Preservation* (Town of Caledon, 2024).

The locations of all identified trees were recorded using the ESRI ArcGIS Field Maps app on a tablet or smartphone. These devices were connected to a submetre-capable GPS unit for georeferencing purposes. Where possible, trees were tagged within aluminum forestry tags. Trees that could not be accessed and tagged were designated with a "T" (live trees), while dead trees were denoted with a "D" prefix and provided with unique numerical identifiers. Other information recorded for all live trees consisted of species, DBH, crown radius, health category (biological, structural, and overall), and notes regarding the assigned health category.

Tree health was categorized as good, fair, poor, dead. Trees categorized as "good" overall had at least 80% live crown and showed no significant structural defects (e.g., weak limbs, girdling roots, stem lean) or evidence of biological damage (e.g., insect damage, fungal growth, leaf dieback). "Fair" trees were those with 50% to 80% live crown and showed no significant structural or biological defects, or the tree had over 80% live crown but did show some evidence of structural defects and/or biological damage. Trees categorized as "poor" were those with less than 50% live crown and/or had significant structural defects and/or biological damage. All trees with no live crown were categorized as "dead".



3. Tree Inventory

GEI inventoried a total of 35 trees for the Project, including 27 trees within the Subject Lands and eight trees within the adjacent 6 m buffer area. (**TIPP.1, Appendix A**). **Appendix B** outlines the results of the tree inventory, including the tree identification number, species, DBH, health category (biological, structural, and overall), ownership and notes regarding the assigned health category. (**Appendix B**) also provides the Tree Protection Zone (TPZ), and recommendations for preservation or removal, and the rate of compensation tree plantings.

It was determined that four trees are recommended for preservation, and 31 trees are recommended for removal due to anticipated construction impacts. Further details are provided in the following subsections.

3.1 Preservation Trees

Preservation trees are those that are unlikely to be significantly impacted by the proposed construction or can likely be preserved using tree protection measures, as described in **Section 4**. Of the 35 trees inventoried, four are recommended for protection and preservation, including two live trees and two dead trees.

3.2 Removal Trees

Removal trees include trees that are within the proposed work limits or are likely to be significantly impacted by the proposed works. Of the 35 trees inventoried, 31 trees are recommended for removal. Three of the recommended tree removals are located on Town property (within the Station Road municipal right-of-way), whilst the remaining 28 trees are located within the Client's property. Removal trees requiring compensation are further discussed in **Section 5**.

The proponent should ensure that the works are in conformance with the *Migratory Birds Convention Act, 1994* and the *Endangered Species Act (ESA), 2007*. Specifically, tree removals should comply with timing window restrictions with regards to the protection of nesting birds (April 1 to August 31) and Species at Risk bats (March 15 to November 30). Where these timing windows cannot be avoided, it is recommended that a qualified ecologist conduct a nest search and bat habitat assessment. Additionally, removal of any tree species protected by the ESA, 2007 will require authorization or permitting for injury or removal.



4. Preservation Plan

Tree preservation will be achieved through avoidance and the use of appropriate tree protection measures. GEI inventoried 35 trees for the Project, of which four are recommended for preservation as seen in **TIPP.1 (Appendix A)**. Proposed tree protection measures for these preservation trees is described in the following subsections.

4.1 Tree Protection Zones

The area of protection around a tree is referred to as the Tree Protection Area (TPZ) and is measured outward from the trunk. TPZs were determined based on each tree's dripline in accordance with the Town of Caledon's Tree Preservation Standard No. 606 (**TIPP.2, Appendix A**). **Appendix B** indicates the TPZ for each preservation tree.

The TPZs of preservation trees shall be fenced off in accordance with the Town of Caledon's Tree Preservation Standard Nos. 606, 710 & 711 (see **TIPP.2, Appendix A** for detail) to prevent physical damage to the tree. The TPZ of preservation trees will remain fully intact and cannot be altered, moved or removed in any way without the written authorization from the Town of Caledon. There will be no grade change, and TPZs will not be used for the temporary storage of any material or equipment, washing of equipment, nor the dumping of any debris.

The objective of the TPZ is to maximize protection of the tree to ensure its long-term survival. It is recognized, however, that encroachment into the TPZ will sometimes be necessary to facilitate construction. Some healthy trees are known to withstand construction impacts such as root cutting, soil compaction, and soil saturation; however, these individual responses are dependent on the species, site condition, and degree of impacts (Matheny & Clark 1998).

4.2 Protection and Preservation Trees

There is potential for construction activities to occur within the TPZ of some preservation trees. Protection and mitigation techniques are expected to prevent these activities from impacting these trees. These trees will be given a modified TPZ prior to construction, which will follow the limit of construction activity. These modified TPZ will require strict adherence to the tree protection measures outlined below.

Where construction activity is proposed to occur within a TPZ, the TPZ must be properly prepared. The Project Arborist should be on site during all site alteration activities within the TPZ of live preservation trees, including tree removal, crown or root trimming, and soil stripping, to monitor these activities and propose site-specific mitigation, where appropriate. If any accidental tree damage or encroachment into the TPZ occurs or is observed, the Project Arborist should be notified in order to take appropriate action on site. In addition, the following tree protection measures should be implemented:

- All relevant contractors should meet with the Project Arborist prior to the beginning of site alteration to review tree protection procedures;



- Low branches may be pruned back or removed to accommodate vehicular movement;
- Trees to be removed should be felled in a manner that drops the tree away from adjacent preservation trees and their TPZs;
- Any brush clearing required within the TPZs should be completed using hand-operated equipment and should be lifted out and not skidded out;
- If excavation or grading is proposed within the TPZs, affected tree roots must be cut at a 90° angle at the edge of anticipated disturbance using specialized equipment. Hydro-vac excavation will be necessary to expose the roots prior to cutting if existing conditions prevent machinery from making a clean, 90° cut;
- Tree roots damaged during construction should be exposed and cut cleanly at a 90° angle using sanitized, hand operated equipment to aid in root regeneration;
- Any roots exposed for longer than four hours should be kept moist using wet mulch or burlap wrap or be directly irrigated. These affected trees should have wood mulch applied to their respective TPZs at a depth of 5–10 cm to help maintain moisture and moderate soil temperature;
- Horizontal root protection should be used in locations where regular movement of equipment through the TPZ is anticipated;
- Where construction activity is proposed to occur within or near the TPZs, irrigation should be implemented during periods of drought, especially during the summer months. A slow soaking of the entire TPZ to a depth encompassing the root system is the preferred method of irrigation, but it may vary depending on the tree species and soil texture. Water should not be directed at or near the trunks. The frequency of irrigation will depend on air temperature and precipitation at the time of construction; and
- Sediment control fencing should be installed to provide a protective barrier between areas intended for stockpiling of excavated soil and candidate preservation trees. The sediment control fencing should be installed to Ontario Provincial Standard 219.130.

If preservation trees cannot be adequately protected during construction or if they exhibit crown dieback post construction, they will be identified as removal trees and will require compensation as described in **Section 5**.



5. Compensation Requirements

The Town of Caledon requires compensation for the removal of biologically live trees that are 10 cm DBH or greater. Tree compensation was calculated as per the tree replacement ratios (based on DBH) in Section 5.2 in the Town of Caledon's *Terms of Reference: Tree Preservation* (2024), which are highlighted in **Table 1** below..

Table 1: Town of Caledon's Tree Replacement Ratios

Diameter at Breast Height (cm)	Compensation Ratio
<10	Not Applicable
10-20	1:1
21-35	2:1
36-50	3:1
51-65	4:1
>65	5:1

Accordingly, a total of 30 trees are proposed to be planted as compensation for the removal of 26 biologically live trees to facilitate the construction of the proposed project. It was acknowledged by the Town of Caledon, via comments received on April 9, 2024 from the Town's Parks and Natural Heritage Section, that replanting opportunities on site are limited and, as such, a cash-in-lieu allowance will be accepted for the removal regulated trees for the Project, which will be negotiated.

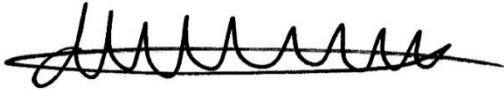


6. Summary

GEI inventoried a total of 35 trees for the Project. Of these 31 trees are recommended for removal including five dead trees; four trees are recommended for preservation, including two live trees and two dead trees. A total of 30 replacement trees are required as compensation for the removal of 26 biologically live trees to facilitate the Project. Tree compensation will be addressed through cash-in-lieu (to be negotiated) due to the limited opportunities for tree replacement planting at the site.

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REFERENCES AND BACKGROUND MATERIALS

Town of Caledon. (2024). *Terms of Reference: Tree Preservation*. Available online at: <https://www.caledon.ca/en/town-services/resources/Business-Planning--Development/Development-Services/Terms-of-Reference/Terms-of-Reference---Tree-Preservation-ACCESSIBLE-April-2024-Update.pdf>

Lilly, S.J. (2010). *Arborists' Certification Study Guide*. Premier Print Group, Champaign, IL, USA.

Matheny, N.P. and J.R. Clark. (1998). *Trees and Development: A Technical Guide to Preservation of Trees During Land Development*. Denver, CO, U.S.A.: Dream Books Company.



Appendices

Appendix A – Figures and Drawings

- Figure 1: Location of Tree Inventory
- TIPP.1: Tree Inventory and Preservation Plan
- TIPP.2: Tree Inventory and Landscape Details

Appendix B – Tree Inventory Table

Appendix C – Photolog of Inventoried Trees

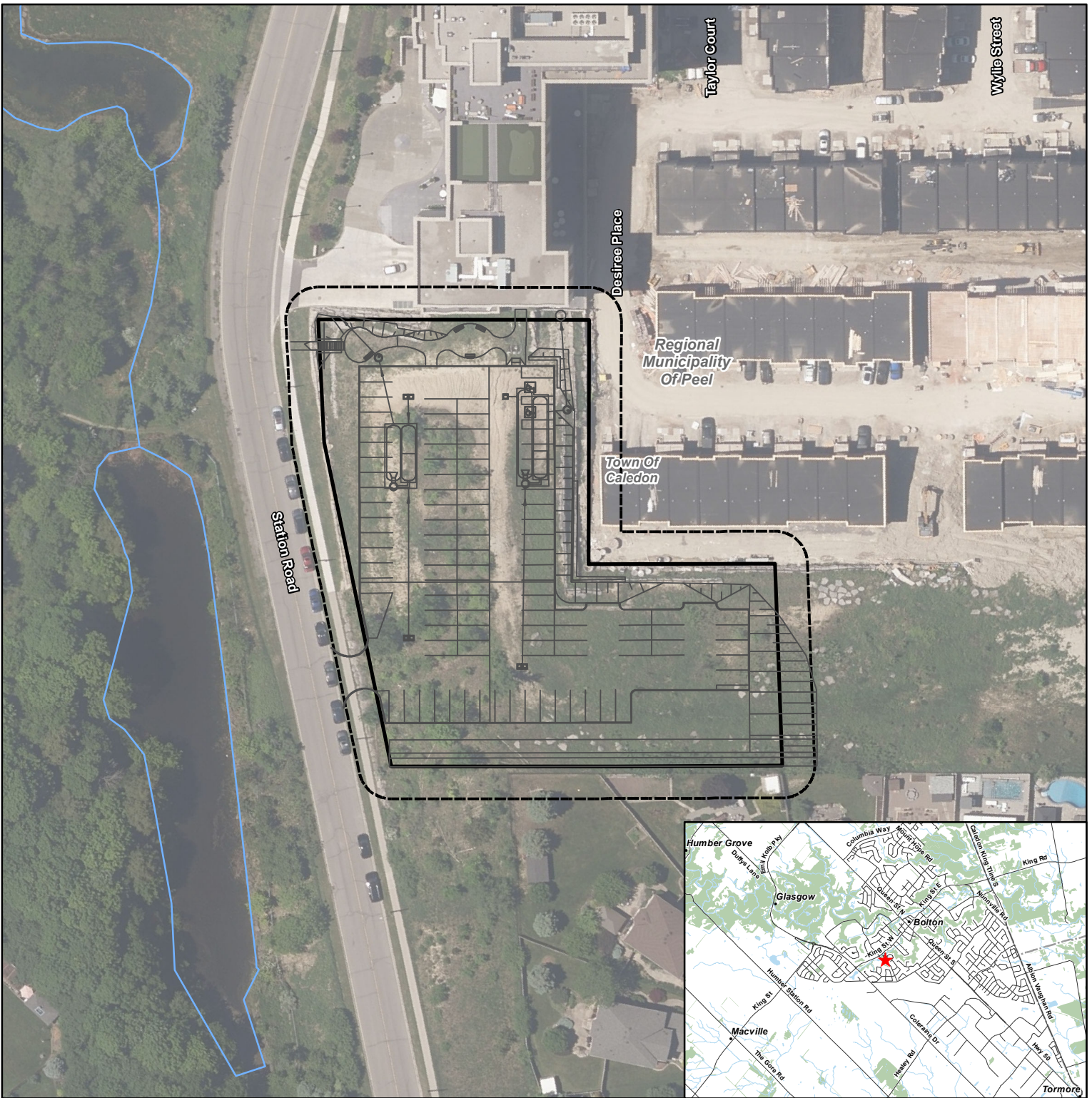


Appendix A

Figures and Drawings






- Figure 1: Location of Tree Inventory
- TIPP.1: Tree Inventory and Preservation Plan
- TIPP.2: Tree Inventory and Landscape Details





Project 2300763

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © King's Printer for Ontario, 2026.
 3. Orthoimagery © First Base Solutions, 2026. Imagery taken in 2024.

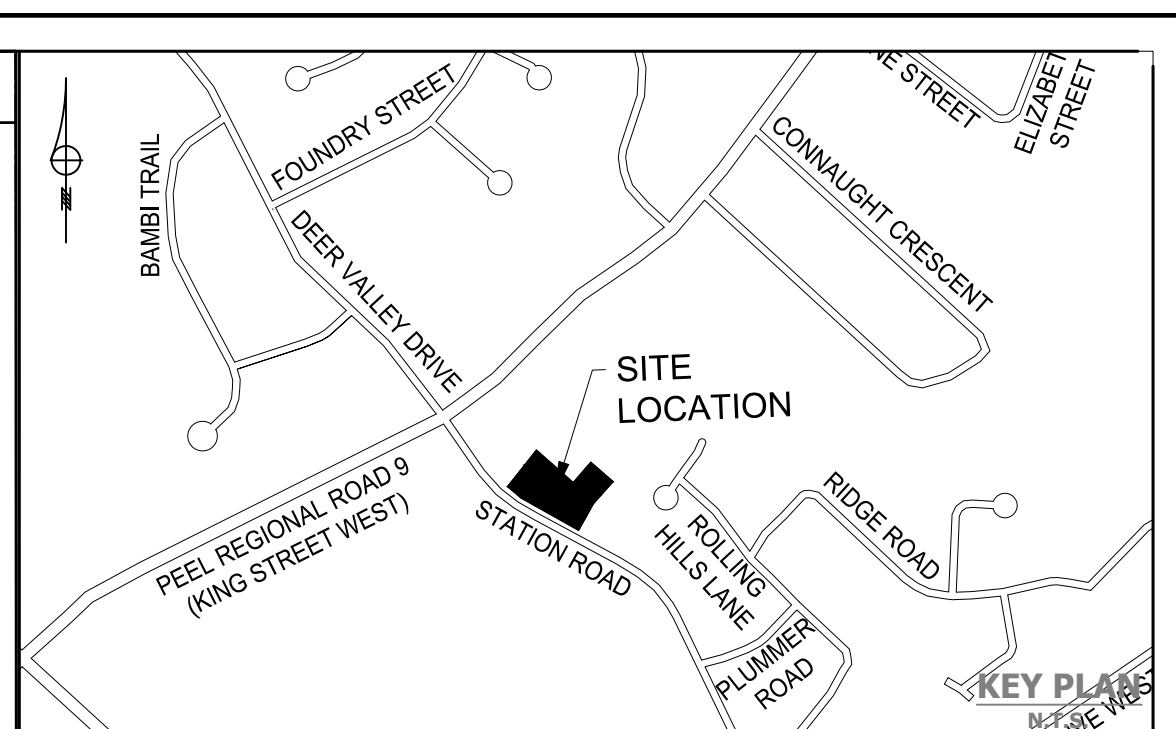
- Legend**
-  Subject Lands
 -  Subject Lands + 6m
 -  Site Plan
 -  Watercourse
 -  Waterbody

Station Road, Bolton ON
 King Station Limited Partnership

Figure 1
 Location of Tree Inventory

0 10 m
 1:1,000





LEGEND

- PROPERTY LINE
- SUBJECT LANDS
- SUBJECT LANDS + 6 M
- TREE FOR PRESERVATION
TREE PROTECTION ZONE
TREE CROWN
- TREE FOR REMOVAL
TREE PROTECTION ZONE
TREE CROWN

DART RZ 2024-0003

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3	ISSUED	2026/02/11	ASM
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1	REVISION	DATE	BY

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TOWN OF CALEDON
14 STATION ROAD

TREE INVENTORY AND PRESERVATION PLAN

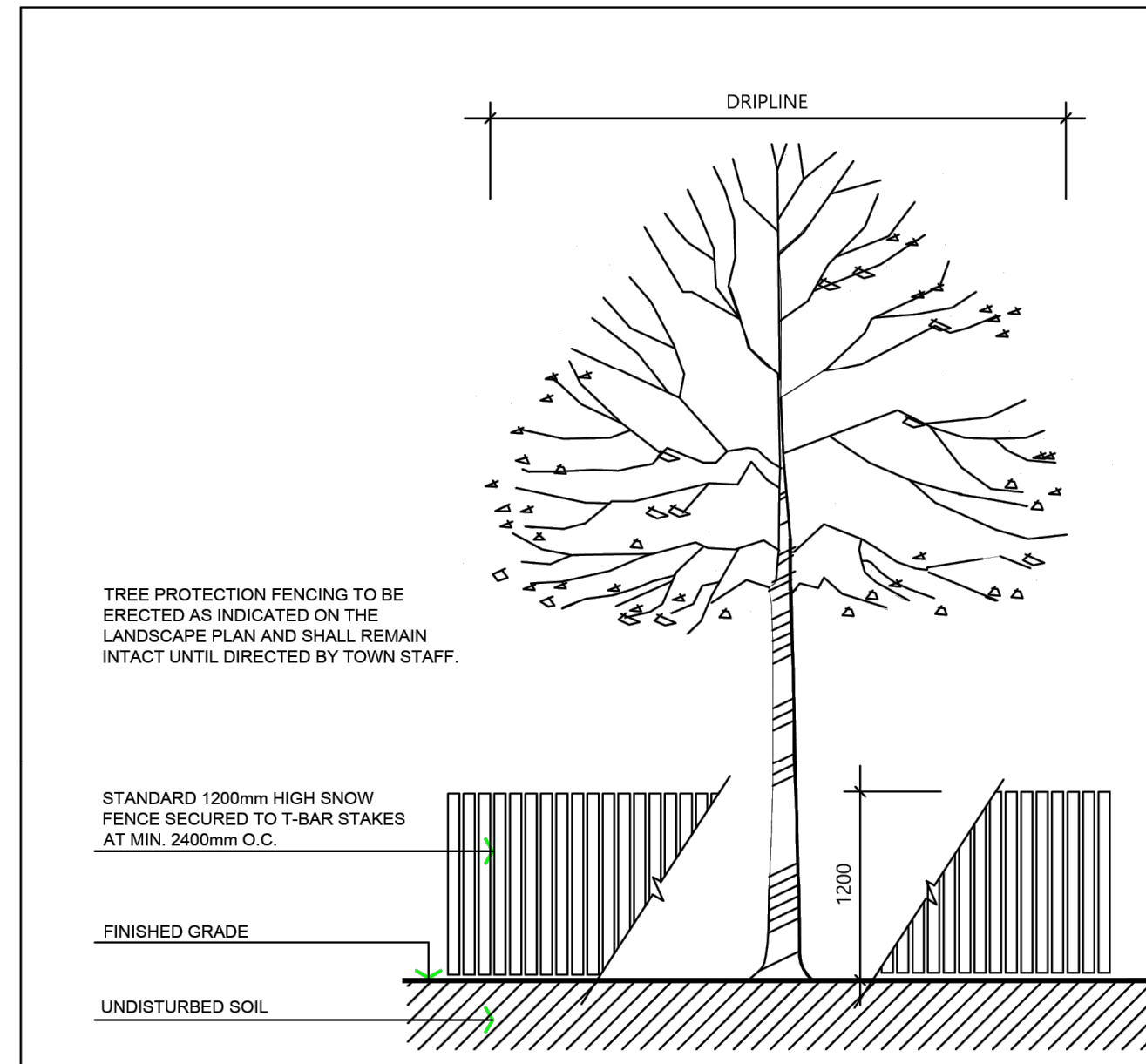
DESIGNED BY:	NC/ASM	CHECKED BY:	ASM	PROJECT No.:	2300763
DRAWN BY:	NC	DATE:	11 February 2026	FIGURE No.:	TIPP.1

SCALE: 1:200

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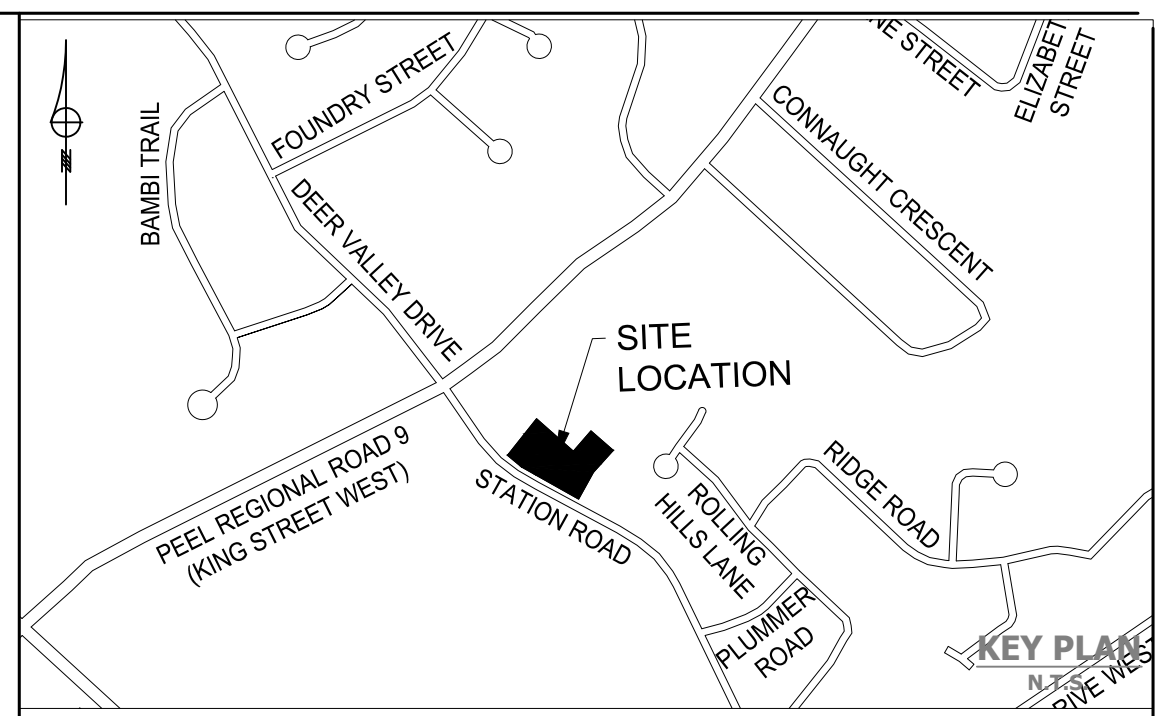
TREE INVENTORY TABLE

Tree ID	Common Name	Scientific Name	Stem 1 DBH (cm)	Stem 2 DBH (cm)	Total DBH (cm)	Crown Radius (m)	TPZ (m)	Biological Health	Structural Health	Overall Health	Ownership	Recommended Action	Reason for Removal	Number of Replacement Trees	Comments
1731	White Elm	<i>Ulmus americana</i>	10	-	10	1.5	1.5	Good	Fair	Fair	Private - Client	Remove	Retaining Wall	1	Wire wrapped around stem may lead to girdling, growing close to shrub
1732	White Elm	<i>Ulmus americana</i>	21	-	21	2.5	2.5	Good	Fair	Fair	Private - Client	Remove	Retaining Wall	2	Growing on slope, peeling bark; dead twigs and branches
1733	Red Cedar	<i>Juniperus virginiana</i>	13	-	13	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, wounds along stem; branches rubbing and growing into stem; growing next to shrubs
1734	Red Cedar	<i>Juniperus virginiana</i>	19	-	19	2	2.0	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1735	Sugar Maple	<i>Acer saccharum</i>	18	14	20	2.5	2.5	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, codominant stems; included bark; healed wound along stem; large wound at base
1736	White Elm	<i>Ulmus americana</i>	12	-	12	1.5	1.5	Good	Fair	Fair	Town of Caledon	Remove	Parking Lot	1	Growing on slope, overgrown with vines
1737	White Elm	<i>Ulmus americana</i>	10	-	10	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, lower branch dieback
1738	White Elm	<i>Ulmus americana</i>	15	-	15	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, lower branch dieback
1739	White Elm	<i>Ulmus americana</i>	20	-	20	1.5	1.5	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1740	Common Apple	<i>Malus domestica</i>	13	-	13	2	2.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Rubbing and twisting branches; lower branch dieback
1741	White Elm	<i>Ulmus americana</i>	14	-	14	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, lower branch dieback
1742	White Elm	<i>Ulmus americana</i>	16	-	16	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, crown dieback
1743	Red Cedar	<i>Juniperus virginiana</i>	10	-	10	1	1.0	Fair	Good	Fair	Private - Client	Remove	Parking Lot	1	Crown dieback
1744	White Elm	<i>Ulmus americana</i>	14	-	14	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope, severe crown dieback
1745	Green Ash	<i>Fraxinus pennsylvanica</i>	12	-	12	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope, severe crown dieback; peeling bark and EAB evidence
1746	White Elm	<i>Ulmus americana</i>	16	-	16	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope, severe crown dieback
1747	White Elm	<i>Ulmus americana</i>	17	-	17	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, crown dieback
1748	White Elm	<i>Ulmus americana</i>	17	-	17	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, crown dieback
1749	White Elm	<i>Ulmus americana</i>	10	-	10	0.5	0.5	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, crown dieback
1750	White Elm	<i>Ulmus americana</i>	13	-	13	1	1.0	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1751	White Elm	<i>Ulmus americana</i>	10	-	10	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope, some lower branch dieback
1752	White Elm	<i>Ulmus americana</i>	19	-	19	2.5	2.5	Good	Fair	Good	Private - Client	Remove	Parking Lot	1	Growing on slope, exposed roots due to erosion; some lower branch dieback
1753	White Elm	<i>Ulmus americana</i>	34	-	34	3	3.0	Poor	Fair	Poor	Private - Client	Remove	Parking Lot	2	Growing on slope, severe crown dieback
1754	White Elm	<i>Ulmus americana</i>	25	-	25	5	5.0	Good	Good	Good	Private - Client	Remove	Parking Lot	2	
1755	White Elm	<i>Ulmus americana</i>	30	-	30	5	5.0	Good	Good	Good	Private - Client	Remove	Parking Lot	2	
1756	Black Walnut	<i>Juglans nigra</i>	17	-	17	2.5	2.5	Good	Good	Good	Private - Client	Remove	Grading	1	Within grading area
T1	Blue Spruce	<i>Picea pungens</i>	25	-	25	2	2.0	Good	Good	Good	Private - Neighbour	Preserve	-	-	
T2	Norway Maple	<i>Acer platanoides</i>	25	-	25	3	3.0	Good	Good	Good	Private - Neighbour	Preserve	-	-	
D1	Dead	N/A	13	-	13	-	-	-	-	-	Private - Neighbour	Preserve	-	-	South of Subject Lands
D2	Dead	N/A	16	-	16	-	-	-	-	-	Private - Neighbour	Preserve	-	-	South of Subject Lands
D3	Dead	N/A	21	-	21	-	-	-	-	-	Private - Client	Remove	Parking Lot	-	Within Subject Lands, outside of grading area
D4	Dead	N/A	13	-	13	-	-	-	-	-	Town of Caledon	Remove	Grading	-	Near Station Road
D5	Dead	N/A	17	-	17	-	-	-	-	-	Town of Caledon	Remove	Grading	-	Near Station Road
D7	Dead	N/A	21	-	21	-	-	-	-	-	Private - Client	Remove	Grading	-	Within grading area
D8	Dead	N/A	20	-	20	-	-	-	-	-	Private - Client	Remove	Parking Lot	-	Within grading area



- SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING VEGETATION
- PRIOR TO ISSUANCE OF THE GRADING AND SERVING OR BUILDING PERMIT, ALL EXISTING TREES THAT ARE TO BE PRESERVED SHALL BE FULLY PROTECTED WITH HOARDING (IE SNOW FENCING) OUTSIDE THEIR DRILINES, 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. 1155 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

DART RZ 2024-0003

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2	ISSUED	2024/01/15	PT	
1	REVISION			

KING STATION PARTNERSHIP LTD.

ASM ON-2142A

GEI Consultants

TOWN OF CALEDON
14 STATION ROAD

TREE INVENTORY AND TREE PROTECTION NOTES AND DETAILS

DESIGNED BY: NC/ASM	CHECKED BY: ASM	PROJECT No.: 2300763
DRAWN BY: NC	DATE: 11 February 2026	FIGURE No.:
SCALE: N.T.S.	N.T.S.	TIPP.2

SPECIFICATIONS

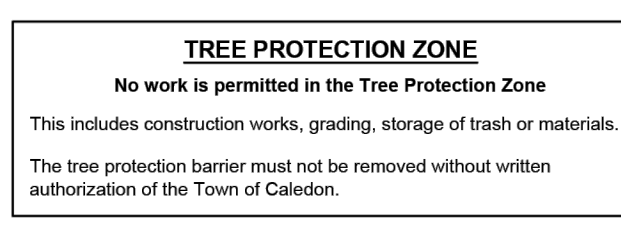
A. General

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.



- 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...

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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

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Appendix B

Tree Inventory Table



Tree ID	Common Name	Scientific Name	Stem 1 DBH (cm)	Stem 2 DBH (cm)	Total DBH (cm)	Crown Radius (m)	TPZ (m)	Biological Health	Structural Health	Overall Health	Ownership	Recommended Action	Reason for Removal	Number of Replacement Trees	Comments
1731	White Elm	<i>Ulmus americana</i>	10	-	10	1.5	1.5	Good	Fair	Fair	Private - Client	Remove	Retaining Wall	1	Wire wrapped around stem may lead to girdling; growing close to shrub
1732	White Elm	<i>Ulmus americana</i>	21	-	21	2.5	2.5	Good	Fair	Fair	Private - Client	Remove	Retaining Wall	2	Growing on slope; peeling bark; dead twigs and branches
1733	Red Cedar	<i>Juniperus virginiana</i>	13	-	13	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; wounds along stem; branches rubbing and growing into stem; growing next to shrubs
1734	Red Cedar	<i>Juniperus virginiana</i>	19	-	19	2	2.0	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1735	Sugar Maple	<i>Acer saccharum</i>	18	14	20	2.5	2.5	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; codominant stems; included bark; healed wound along stem; large wound at base
1736	White Elm	<i>Ulmus americana</i>	12	-	12	1.5	1.5	Good	Fair	Fair	Town of Caledon	Remove	Parking Lot	1	Growing on slope; overgrown with vines
1737	White Elm	<i>Ulmus americana</i>	10	-	10	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; lower branch dieback
1738	White Elm	<i>Ulmus americana</i>	15	-	15	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; lower branch dieback
1739	White Elm	<i>Ulmus americana</i>	20	-	20	1.5	1.5	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1740	Common Apple	<i>Malus domestica</i>	13	-	13	2	2.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Rubbing and twisting branches; lower branch dieback
1741	White Elm	<i>Ulmus americana</i>	14	-	14	1	1.0	Good	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; lower branch dieback
1742	White Elm	<i>Ulmus americana</i>	16	-	16	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; crown dieback
1743	Red Cedar	<i>Juniperus virginiana</i>	10	-	10	1	1.0	Fair	Good	Fair	Private - Client	Remove	Parking Lot	1	Crown dieback
1744	White Elm	<i>Ulmus americana</i>	14	-	14	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope; severe crown dieback
1745	Green Ash	<i>Fraxinus pennsylvanica</i>	12	-	12	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope; severe crown dieback; peeling bark and EAB evidence
1746	White Elm	<i>Ulmus americana</i>	16	-	16	1	1.0	Poor	Poor	Poor	Private - Client	Remove	Parking Lot	1	Growing on slope; severe crown dieback
1747	White Elm	<i>Ulmus americana</i>	17	-	17	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; crown dieback
1748	White Elm	<i>Ulmus americana</i>	17	-	17	1	1.0	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; crown dieback
1749	White Elm	<i>Ulmus americana</i>	10	-	10	0.5	0.5	Fair	Fair	Fair	Private - Client	Remove	Parking Lot	1	Growing on slope; crown dieback
1750	White Elm	<i>Ulmus americana</i>	13	-	13	1	1.0	Good	Good	Good	Private - Client	Remove	Parking Lot	1	Growing on slope
1751	White Elm	<i>Ulmus americana</i>	10	-	10	1	1.0	Good	Fair	Good	Private - Client	Remove	Parking Lot	1	Growing on slope; some lower branch dieback
1752	White Elm	<i>Ulmus americana</i>	19	-	19	2.5	2.5	Good	Fair	Good	Private - Client	Remove	Parking Lot	1	Growing on slope; exposed roots due to erosion; some lower branch dieback
1753	White Elm	<i>Ulmus americana</i>	34	-	34	3	3.0	Poor	Fair	Poor	Private - Client	Remove	Parking Lot	2	Growing on slope; severe crown dieback
1754	White Elm	<i>Ulmus americana</i>	25	-	25	5	5.0	Good	Good	Good	Private - Client	Remove	Parking Lot	2	
1755	White Elm	<i>Ulmus americana</i>	30	-	30	5	5.0	Good	Good	Good	Private - Client	Remove	Parking Lot	2	
1756	Black Walnut	<i>Juglans nigra</i>	17	-	17	2.5	2.5	Good	Good	Good	Private - Client	Remove	Grading	1	Within grading area
T1	Blue Spruce	<i>Picea pungens</i>	25	-	25	2	2.0	Good	Good	Good	Private - Neighbour	Preserve	-	-	
T2	Norway Maple	<i>Acer platanoides</i>	25	-	25	3	3.0	Good	Good	Good	Private - Neighbour	Preserve	-	-	
D1	Dead	N/A	13	-	13	-	-	-	-	-	Private - Neighbour	Preserve	-	-	South of Subject Lands
D2	Dead	N/A	16	-	16	-	-	-	-	-	Private - Neighbour	Preserve	-	-	South of Subject Lands
D3	Dead	N/A	21	-	21	-	-	-	-	-	Private - Client	Remove	Parking Lot	-	Within Subject Lands, outside of grading area
D4	Dead	N/A	13	-	13	-	-	-	-	-	Town of Caledon	Remove	Grading	-	Near Station Road
D5	Dead	N/A	17	-	17	-	-	-	-	-	Town of Caledon	Remove	Grading	-	Near Station Road
D7	Dead	N/A	21	-	21	-	-	-	-	-	Private - Client	Remove	Grading	-	Within grading area
D6	Dead	N/A	20	-	20	-	-	-	-	-	Private - Client	Remove	Parking Lot	-	Within grading area

Appendix C

Photolog of Inventoried Trees



Photographic Record



Photo 1 – Tree 1731



Photo 2 – Tree 1732



Photo 3 – Tree 1733



Photo 4 – Tree 1735

APPENDIX C
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2300763
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PHOTOGRAPHIC RECORD





Photo 5 – Tree 1736



Photo 6 – Tree 1737



Photo 7 – Tree 1738



Photo 8 – Tree 1739

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Photo 9 – Tree 1740



Photo 10 – Tree 1741



Photo 11 – 1742



Photo 12 – Tree 1743

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Photo 13 – Tree 1744



Photo 14 – Tree 1745



Photo 15 – Tree 1746



Photo 16 – Tree 1747

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Photo 17 – Tree 1747



Photo 18 – Tree 1748



Photo 19 – Tree 1749



Photo 20 – Tree 1750

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Photo 21 – Tree 1751



Photo 22 – Tree 1752



Photo 23 – Tree 1753



Photo 24 – Tree 1754

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Photo 25 – Tree 1755



Photo 26 – Neighbour Tree



Photo 27 – Neighbour Tree



Photo 28 – Dead Tree

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PHOTOGRAPHIC RECORD





Photo 29 – Dead Tree



Photo 30 – Dead Trees (2x)



Photo 31 – Dead Tree



Photo 32 – Dead Tree

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PHOTOGRAPHIC RECORD

