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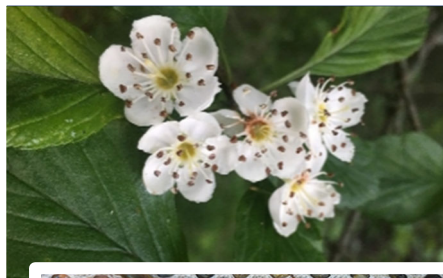
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# **Tree Preservation and Compensation Plan**

## **Part of Lot 1, Concession 1**

## **Town of Caledon**

**Prepared for Clare Riepma**

**AEC Project No. 22-065 | March 2025**



Environmental Assessments & Approvals

March 26, 2025

AEC 22-065

Riepma Consultants Inc.  
220 Kempenfelt Drive  
Barrie, Ontario  
L4M 1C4

Attention: Clare Riepma, P.Eng., R.P.P.

**Re: Tree Preservation and Compensation Plan (Arborist Report) for a Proposed Development Involving Six (6) Properties Within Part of Lot 1, Concession 1, Geographic Township of Albion, Town of Caledon, Regional Municipality of Peel**

Clare Riepma:

Azimuth Environmental Consulting, Inc. (Azimuth) is pleased to submit our Tree Preservation and Compensation Plan (Arborist Report) for development proposed within a group of five (5) properties located within the Tullamore Secondary Plan Area (Part of Lot 1, Concession 1, Geographic Township of Albion, Town of Caledon, Regional Municipality of Peel), including:

- 12151 Airport Road;
- 6186 Mayfield Road;
- 6230 Mayfield Road;
- 6206 Mayfield Road; and
- 6086 Mayfield Road.

It is our understanding that the Tree Preservation Plan is required to satisfy the development requirements for the Town of Caledon.

This report includes the results of our tree inventory completed for all trees (10 centimetres diameter breast height or greater) located on the property (in proximity to the building envelope only) or within approximately 6 metres of all property boundaries (off-site). The report includes recommendations pertaining to which trees included in the tree inventory



should be preserved/removed, measures to protect retainable trees during construction, and compensation for proposed tree removal.

If you have any questions pertaining to the information within this report, please do not hesitate to contact myself directly. Should you have any questions or require additional information please do not hesitate to contact the undersigned.

Yours truly,

AZIMUTH ENVIRONMENTAL CONSULTING, INC.

David d'Entremont, H.B.Sc.

Certified Arborist (ISA# ON-3073A)



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## 1.0 INTRODUCTION

Azimuth Environmental Consulting, Inc. (Azimuth) was retained by five (5) landowner groups, c/o Riepma Consultants Inc. to complete a tree inventory and subsequent Arborist Report including a Tree Preservation and Compensation Plan for the proposed development to within a group of five (5) properties located within the Tullamore Secondary Plan Area, Town of Caledon (Town), Region of Peel (Region). Properties included in this study include:

- 12151 Airport Road;
- 6186 Mayfield Road;
- 6230 Mayfield Road;
- 6206 Mayfield Road; and
- 6086 Mayfield Road.

The above properties are located within Part of Lot 1, Concession 1, Geographic Township of Albion, Town of Caledon, Regional Municipality of Peel. A map illustrating the limits of the properties in their regional context is shown on Figure 1.

Currently, the specific development concept available for the site is incomplete, with some features proposed as depicted the Figure 2 overlay. It is our understanding that the future development concept for the properties will include the development of an industrial use subdivision with an internal road network. Options are being explored to re-locate and consolidate the watercourse (s) into a single Environmental Protection corridor. At this time, it is anticipated that all trees within the property group have potential to require removal as a result of the proposed development (see Figure 2 for property site plan), with preserved trees (where present) occurring on adjacent lands or on property boundaries. The development area includes a large industrial parking area with scattered roads, and a few existing commercial buildings, as well as some disturbed post-agricultural meadow areas to the northwest and southeast, as well as an existing watercourse and minor linear wetland areas, with trees largely confined to property boundaries and areas near property boundaries. Neighbouring land uses consist of agricultural fields to the east and west, industrial and commercial lots to the north and west, as well as residential areas to the south across Mayfield Road.

In total, 119 individual trees and four (4) tree groupings were assessed for this report which includes all trees within the property boundary, as well as boundary and near-boundary trees along treed property boundaries.



The Tree Preservation Plan showing the proposed site plan, tree locations and tree removal/protection recommendations can be found within this report (Figure 2). A tree inventory and assessment table is provided separately (Table 1) for individual trees/clusters. Requirements for compensation by the Town and Toronto and Region Conservation Authority (TRCA) are discussed in Section 5.

## 2.0 METHODOLOGY

A tree inventory was completed for the trees located with within proximity of the proposed development on October 16<sup>th</sup>, 2024 by David d'Entremont, ISA Certified Arborist (ON-3073A) and Lisa Moran (Terrestrial Ecologist) during late-season leaf-on conditions tree conditions. All trees with a Diameter at Breast Height (DBH) of 10 centimetres (cm) or greater located within the property, or within approximately 6 metres (m) of property boundaries and with potential to be impacted by the proposed development, were included in the inventory. This inventory included the following elements:

- Inventory of all trees described above, including all specimens with a DBH of at least 10cm. Trunk diameter measurements were taken at approximately 1.4m (4.5') above ground surface at the base of each tree, and were estimated where access was limited due to property boundary limitations.
- Recorded species (common and scientific names), dbh (cm) and condition/health status of all applicable trees. Tree health assessments were graded as either 'Good', 'Fair', 'Poor' or 'Dead' based on factors such as percentage of live crown, evidence of internal trunk rot/damage, tree structure/form and disease.
- Recorded location of each individual tree inventoried using a hand-held GPS unit (accuracy typically varying from +/- 3m in open locations) to plot tree locations relative to the proposed site plan features.
- Identified each inventoried tree using a unique number corresponding to the tree inventory table and tree preservation plan (Figure 2). Trees were also tagged in the field with engraved metal tree tags, each with unique numbers corresponding to the tree inventory table (Table 1), except where trees occurred entirely on adjacent lands and could not be tagged.
- Generally assessed four (4) tree groupings (*i.e.* clusters) found to occur wholly or partly within 6m of the property boundary to identify trees with potential to be impacted by site alteration at the property boundary.

Using all field data gathered during the inventory and assessment process, a tree inventory



table was created including the following information:

- The required Minimum Protection Zone (MPZ) for trees recommended for preservation, in metres, as calculated using an International Society of Arboriculture (ISA) approved methodology. This methodology provides 1 foot of root protection radius for every 1 inch of trunk DBH. These values were then converted to metric, representing 0.12 metres (m) of MPZ for every 1.0cm of DBH. This formula is used lieu of dripline measurements as it generally provides more protection due to root zones typically extending further than driplines.
- Proposed Action based on the location of each tree, its MPZ area and the proposed site plan features. As a general rule, any tree with a MPZ to be impacted more than 25% is recommended for removal as the chances for these trees to survive following construction are perceived as low.
- General notes describing characteristics of the tree.

### 3.0 DISCUSSION

#### 3.1 Tree Removal

Of the 119 trees and four clusters included in the inventory, a total of 117 trees (including five [5] dead trees and twelve [12] in poor condition) have potential to require removal as a result of the proposed development due to their location in relation to the proposed site plan features (*i.e.* grading, parking areas, driveways, proposed buildings, proposed landscaping areas, *etc.*), although it is important to note that some of these recommendations are contingent on securing adjacent landowner permissions (see Figure 2).

44 of the above 117 trees (including 2 dead trees and 3 in poor condition) are recommended for removal due to being located fully on-property but which are anticipated to be removed or harmed by the proposed development.

##### 3.1.1 Conditional Removals – Boundary Consideration Trees

73 of the above 117 trees (including 3 dead trees and 9 in poor condition) trees are identified as “Boundary Consideration Trees”. These occur along property edges (Figure 2), with Recommended Action in Table 1 listed as “Request Permission to Remove”. These trees are conditionally recommended for removal, pending adjacent landowner agreement, and pending the degree of root harm expected at the time that Sediment and Erosion Control (ESC) define the limits of disturbance on-site.



Due to irregular existing fencelines along sections of property edge with unclear property boundaries, as well as due to new/unmarked municipal right-of-way (ROW) limits, the precise limits of the property line were not universally clear at the time of survey, and as such the precise ownership of Boundary Consideration Trees was unclear. Further, given that the proposed limit of grading is expected to abut the property boundary, the degree of impact is also somewhat unclear for these trees. Regardless, removal of at least some proportion of these trees will be predicated on securing adjacent landowner permissions.

In typical circumstances, boundary trees would be recommended for preservation with setbacks; however, it is Azimuth's understanding that future development plans on adjacent lands surrounding the property, and associated with nearby ROWs, are expected to be extensive and may preclude retention of these trees regardless of this current application. As such, these adjacent landowners are expected to be amenable to the removal of impacted trees, and the long-term preservation of these trees is considered unlikely. It has therefore been recommended that the proponent **request explicit written permission from adjacent landowners** for removal of these trees, due to the potential for impacts by proposed site plan.

Regarding Boundary Consideration Trees, the following is recommended:

- Trees 2292-2293, 2295-2303, and 2311-2314: these trees appear to occur as boundary trees and/or adjacent lands trees co-owned or owned by the landowner of the parcel listed as 6034 Mayfield Road (property to west). This landowner should be contacted to request permission for removal.
- Trees 2315-2319 – these trees appear to occur partly within the municipal ROW for Davis Lane, and are expected to be owned by the Town of Caledon. The Town of Caledon should be contacted to confirm whether permission would be granted for removal of these trees.
- Tree 2320 - this tree appears to be a boundary tree co-owned by the adjacent landowner 12117 Airport Road (property to north). This landowner should be contacted to request permission for removal.
- Trees 2354-2401 – these trees appear to occur as boundary trees and/or adjacent lands trees owned by the landowner of the parcel listed as 0 Mayfield Road (property to east), located between 6230 Mayfield Road and 6340 Mayfield Road. This landowner should be contacted to request permission for removal.
- Trees 2322, 2402-2404 – these trees appear to occur fully and partly within the municipal ROW for Mayfield Road, and are expected to be owned by the Region of Peel. It is our understanding that the Region of Peel has recently completed work on a Municipal Class EA for the Mayfield Road ROW and has expanded the footprint to



include these trees. The Region of Peel should be contacted to request permission for removal, and to verify whether tree compensation has been completed for these trees.

The above trees are recommended tentatively for removal, pending the securement of landowner permissions. However, as recommended in Section 3.3, should any of these trees be deemed suitable for preservation during a future detailed survey or at the time of ESC installation, then any trees with a “Good” or “Fair” health rating should be preserved where possible. The trees which will not be preserved should be removed prior to the commencement of site construction, establishment of Tree Protection fencing/barriers or implementation of other tree protection measures.

### **3.2 Tree Preservation**

Of the 119 trees included in the inventory, a total of two (2) individual trees and four (4) tree clusters are recommended for preservation. All of the trees to be preserved are located far enough away from the proposed development features that their MPZ’s will not be impacted.

MPZs for all preserved trees and Boundary Consideration Trees are shown within the Tree Preservation Plan (Figure 2), which should provide sufficient root and canopy protection during construction.

Tree clusters A, B, C and D (Figure 2) were reviewed in-person from property boundary for proximity to the established property line in locations where the property boundary was clear. Estimates for maximum DBH and resulting minimum required MPZ setbacks to avoid harm were made in-person rather than relying on GPS accuracy. Only individual trees with potential for harm due to size/proximity were individually evaluated and given individual MPZs (*e.g.* #2336), while all other trees within the cluster were more generally characterized. Individual trees on adjacent lands, where evaluated, were given an observed offset to the property based on observed distance from the property line, to minimize GPS variability and improve the accuracy of proposed MPZ and Tree Protection Fencing placement relative to the property boundary.

Tree protection fencing should be installed following tree removals and prior to any construction to ensure protection and isolation of trees to be preserved, on adjacent lands. In this circumstance, it is assumed that the ESC fencing will duplicate as tree protection fencing in order to ensure the protection of trees recommended for retention on adjacent lands. This approach is consistent with the Town of Caledon Tree Preservation Standard Drawings (Standards No. 606, 710 and 711) as included in Appendix A. The proposed ESC fencing has been overlaid onto Figure 2.



### **3.3 Arboricultural Maintenance**

It should be noted that a Certified Arborist is recommended to be retained to supervise the installation of the tree protection fencing (ESC fencing) in order to verify the TPZ of the trees are sufficiently protected.

Should additional tree removals be required, it should be documented and compensation requirements should be updated accordingly. Conversely, if the on-site establishment of the ESC fencing (delimiting the full extent of proposed disturbance) is determined to be suitably set back from trees with a Good or Fair health rating, these trees should be retained, and compensation requirements should be updated accordingly.

If live roots are exposed during excavations the Arborist should be on-site to prune them and do whatever else is necessary to increase the chances of post-construction survival of these trees. Crown pruning may also be necessary for branches growing over site boundaries which are at risk of being impacted by construction activities.

## **4.0 TREE PROTECTION SPECIFICATIONS**

Specifications for protecting the TPZs of trees to be preserved during construction are detailed below.

TPZ is a defined protection area around an existing tree which is set out to maintain the existing condition of the root zone, canopy and trunk. This zone is implemented if site disturbance is planned within the area, or if there is a reasonable likelihood of inadvertent encroachment of any form into the area during site disturbance. Although TPZ areas are shown in Tree Preservation Plan for trees to be preserved, a minor degree of encroachment could happen to some of these trees during the establishment of Tree Protection Fencing. According to the publication "Protecting Trees from Construction Damage: A Homeowner's Guide (Johnson, 1999), the target amount of disturbance to a tree's root zone is 25% or less to provide the tree with the greatest chance of post-construction survival.

Tree Protection Fencing placement has been designed to ensure that, where disturbance is proposed in proximity to retained trees, no more than 25% of each retained tree's TPZ is exposed to disturbance. The following activities shall be strictly prohibited within the TPZ area that is protected by Tree Protection Fencing prior to, during and following site disturbance:



- Installation or attachment of any items to the tree(s).
- Operation of equipment or machinery.
- Storage of equipment, machinery or materials.
- Access by any personnel.
- Placement of trailers, temporary buildings or structures.
- Flushing, storage or dumping of fuels, chemicals or other contaminants.
- Stockpiling of soil/stone.
- Digging, trenching or excavation (where unnecessary).
- Change of existing grade.

As discussed in Section 3.3 above, it should be noted that a Certified Arborist is recommended to be retained to supervise the installation of the tree protection fencing (*i.e.* ESC fencing in proximity to trees to be retained) in order to verify the TPZ of the trees are sufficiently protected.

## **5.0 TREE COMPENSATION RECOMMENDATIONS**

Based on a review of the proposed development, provided that permissions from adjacent landowners are secured as recommended in Section 3.1, the proposed development has potential to result in the removal of 100 healthy trees.

According to the Town's guideline, as described within the "Terms of Reference for Arborist Report, Tree Preservation Plan and Tableland Tree Removal Compensation" (Town of Caledon, 2020), tree compensation is to be negotiated with the Town for tree removals in tableland areas, while removals within wetlands are subject to conservation authority compensation guidelines.

Azimuth is working concurrently on the Environmental Impact Study (EIS) for the same group of properties (Environmental Impact Study, Five Properties within the Tullamore Secondary Plan Area, Town of Caledon; Azimuth, 2025). It is our understanding that wetland compensation is expected to be negotiated with the TRCA as part of this overall process (Azimuth, 2025). Three (3) of the 100 healthy trees recommended for removal were found to occur within wetlands (as depicted on Figure 2), and these are therefore recommended to be compensated for under a separate process, as part of wetland compensation associated with the EIS. As such, 97 healthy tableland trees may require compensation as a result of being removed as a result of the proposed development.





The Town's guideline (Town of Caledon, 2020) indicates that compensation for the removal of healthy tableland trees outside of wetlands may be completed either based on the planting of sufficient compensation trees, or through cash-in-lieu payments to the Town. Table 2 highlights the trees in good/fair condition located outside of wetlands that will require removal as a result of the proposed development, and indicates the resulting number of compensation trees required to offset those removals based on the Town's guideline. In this case, 161 compensation trees would be required to compensate for the proposed tree removals, with minimum sizing of planted stock based on Section 2.3 of the Development Standards Manual Version 5.0 (Town of Caledon, 2019).

Four (4) healthy tableland trees (#2322, 2402, 2403, 2404) that are included in the compensation in Table 2 are dependent on feedback from the Region of Peel prior to confirming the requirement for compensation. These trees are associated with the Mayfield Road ROW, which may have already been subject to a tree inventory and associated compensation during the Mayfield Road Class EA. Compensation would not be recommended for the removal of any trees that have already been recommended for removal by arborist work during the Mayfield Road Class EA. The Region of Peel should be contacted to confirm whether ROW trees have been accounted for in the Mayfield Road Class EA, and whether these are already expected to be removed as a result of road improvements. Compensation for these trees is only recommended under the following criteria:

1. The Region of Peel agrees to tree removal; and,
2. Either the trees indicated for removal were either not accounted for in a previous tree inventory associated with the Mayfield Road ROW improvements, or the trees were proposed to be preserved during a previous tree inventory associated with the Mayfield Road ROW improvements.

Based on the Town's guideline (Town of Caledon, 2020), the removal of trees #2322, 2402, 2403 and 2404 would require the planting of eleven (11) compensation trees due to removals in the Mayfield Road ROW. Should the Region of Peel determine that these are accounted for in a previous inventory, the number total of required compensation trees should be reduced by 11.

Compensation has not been provided for the removal of the five (5) dead or twelve (12) trees in poor condition which is consistent with the Town's 2020 guideline.

It is understood that post-development site conditions may not be suitable for planting some or all of the required compensation trees. For any trees which cannot be compensated through



the planting of sufficient compensation trees within the subject property, it is recommended that the proponent negotiate a cash-in-lieu payment with the Town of Caledon, which is collected at a rate (per tree removed) as determined by the Town.

## **6.0 RECOMMENDED MITIGATION**

### **6.1 Tree Removals**

Construction activities involving the removal of vegetation should be restricted from occurring between **April 1 and August 31** to prevent the potential destruction of bird nests and the disruption of breeding/brood rearing activity, which are protected under the *Migratory Birds Convention Act*, 1994. Alternatively, a nest survey can be conducted by a qualified person during the breeding bird nesting season to determine if nests are present prior to any vegetation removal and protect such nests as necessary. Consideration for the *Fish & Wildlife Conservation Act* is also required, that protects non-migratory species (nests, eggs etc.) which may nest outside of the above specified timing window. All relevant species should be considered and appropriate nest surveys should be conducted, as needed, to prevent any disturbance or harm to relevant species in contravention of either Act.

## **7.0 CONCLUSIONS**

A total of 119 individual trees and four (4) tree clusters were documented and assessed within the subject site. A total of two (2) individual trees and four (4) tree clusters are proposed for preservation which are located outside of the proposed development features, and 117 individual trees (including 73 trees contingent of adjacent landowner input, seventeen (17) in poor condition and/or dead) are proposed for removal as they are anticipated to be significantly impacted by construction.

Provided that the recommended tree protection measures (i.e. ESC fencing) are adhered to and provided there is assistance from a Certified Arborist to prune roots exposed by construction and supervise the installation of tree protection fencing, impacts to protected trees should be minimized.

## **8.0 REFERENCES**

Azimuth Environmental Consulting, Inc. 2025. Environmental Impact Study, Five Properties within the Tullamore Secondary Plan Area, Town of Caledon.

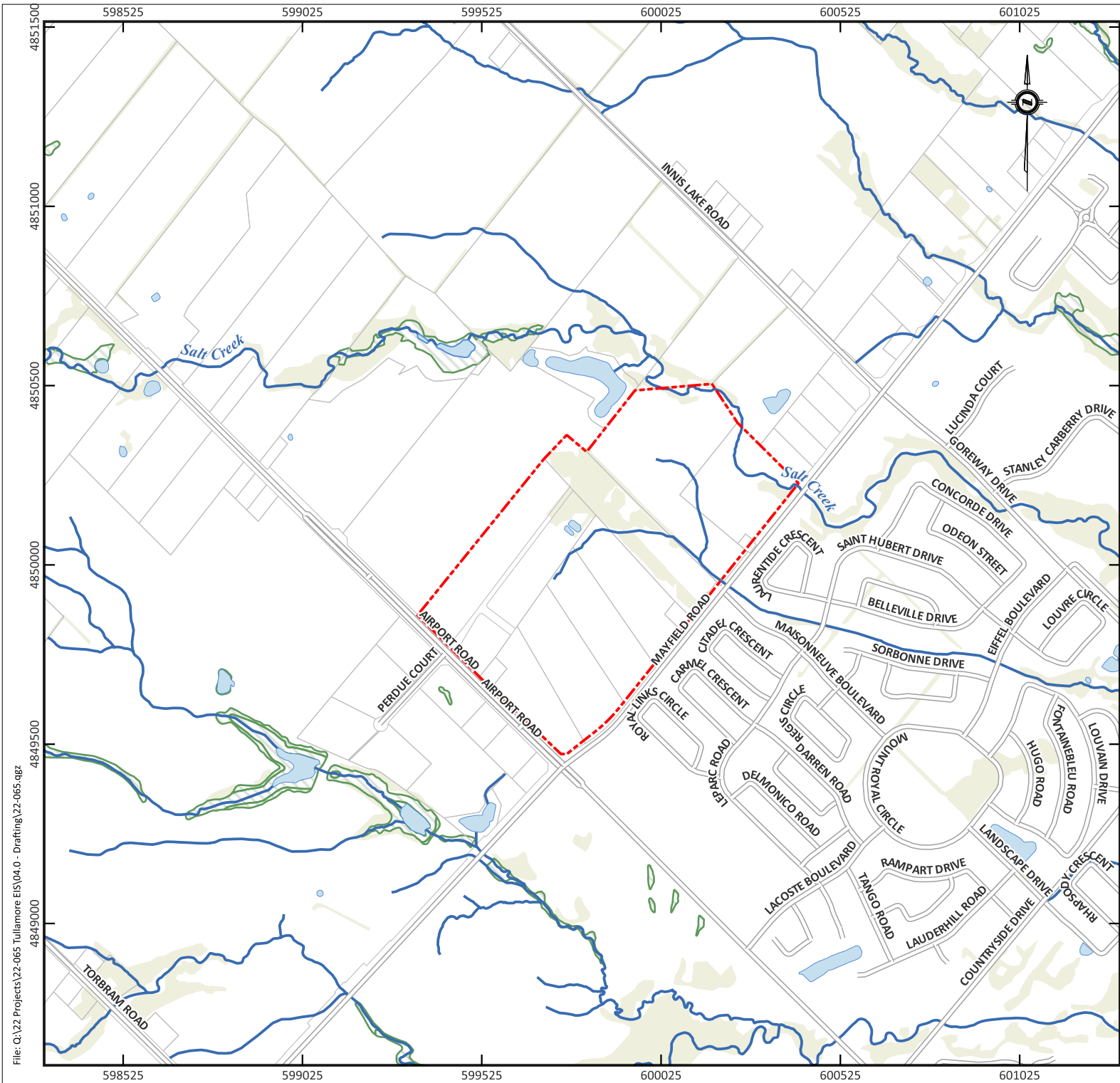
Town of Caledon. 2019. Development Standards Manual. Version 5.0.



Town of Caledon. 2019. Site Plan Control Manual: Submission Package. Version 1.0.

Town of Caledon. 2020. Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation. Version 1.0.

Johnson, G.R.. 1999. Protecting Trees From Construction Damage: *A Homeowner's Guide*.

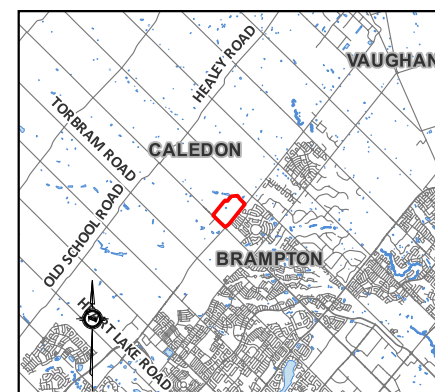


**LEGEND**

- Limit of Study Area
- Unevaluated Wetland
- Permanent Watercourse
- Waterbody
- Wooded Area
- Road

**REGIONAL MAP**

SCALE 1:250000

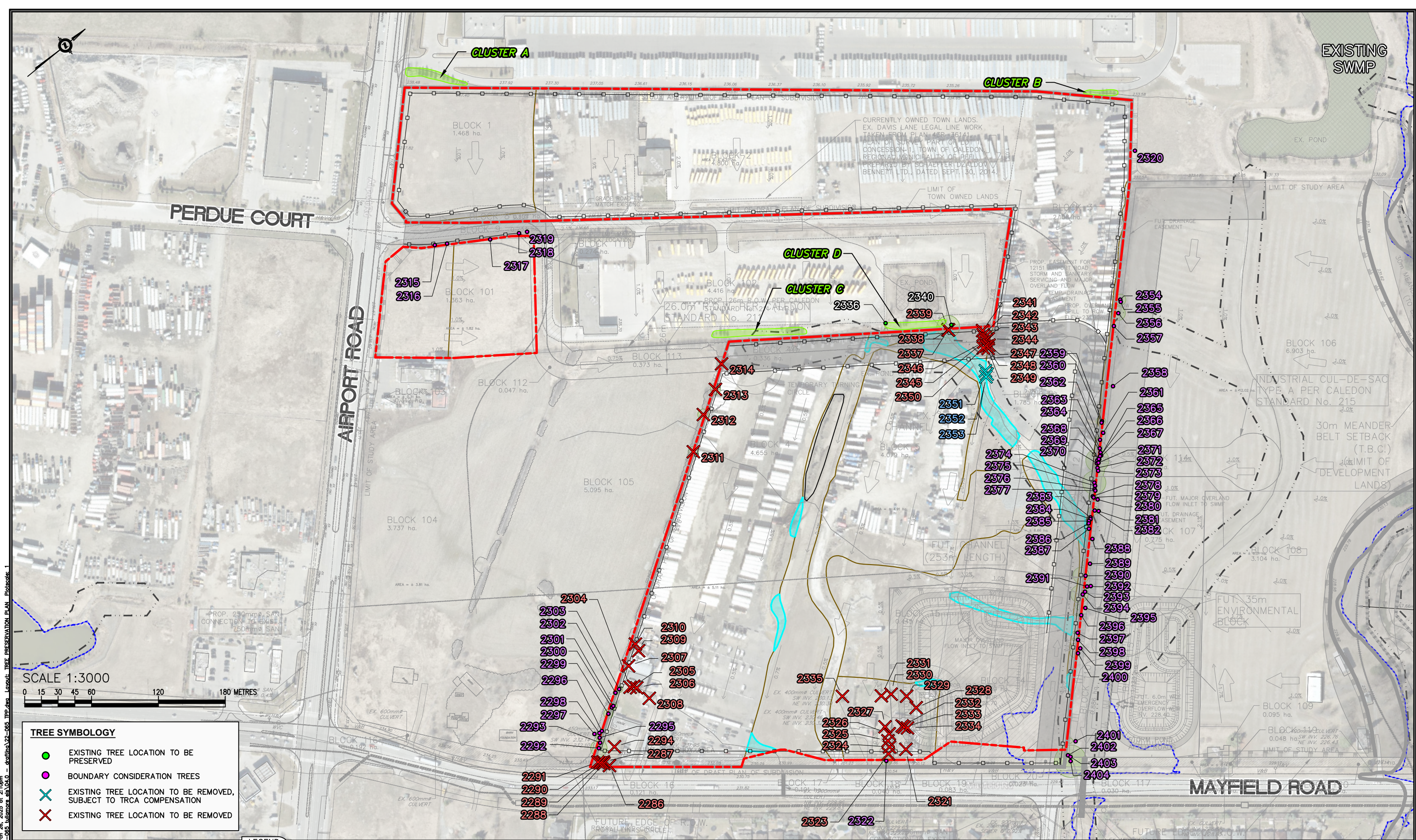


**SITE LOCATION**

PART OF LOT 1, CONCESSION 1  
CALEDON, ON

DATE ISSUED:	MARCH 2025	Figure No.  <b>1</b>
CREATED BY:	A.L.	
PROJECT NO.:	22-064	
BASE MAP:	MNRF	





**TREE SYMBOLOGY**

- EXISTING TREE LOCATION TO BE PRESERVED
- BOUNDARY CONSIDERATION TREES
- ✕ EXISTING TREE LOCATION TO BE REMOVED, SUBJECT TO TRCA COMPENSATION
- ✕ EXISTING TREE LOCATION TO BE REMOVED

**LEGEND:**

- APPROX. PROPERTY BOUNDARY
- MINIMUM PROTECTION ZONE
- PROPOSED SILTATION CONTROL FENCE PER TRCA DWG. No. 03 (JONES CONSULTING, 2025)
- TREE GROUPING
- WETLANDS FROM AZIMUTH EIS (2025)

<b>PART OF LOT 1, CONCESSION 1 CALEDON, ON</b>	<b>TREE PRESERVATION PLAN</b>		DATE ISSUED: MARCH 2025	Figure No.
			CREATED BY: A.L.	2
			PROJECT NO.: 22-065	
			REFERENCE: TOWN OF CALEDON	

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Table 1 - Tree Inventory and Assessment List, Part of Lot 1, Concession 1, Caledon

Tree # (Corresponding to Figure 2)	Tag # (Metal Tags)	Common Name	Scientific Name	DBH (cm)	MPZ (m)	Health Rating	Hazard Tree	Comments	Ownership Considerations	Recommended Action
<b>Individual Trees</b>										
2286	2401	White Spruce	<i>Picea glauca</i>	18		Dead	x	Decay class 3		Remove
2287	2402	White Spruce	<i>Picea glauca</i>	25		Good				Remove
2288	2403	White Spruce	<i>Picea glauca</i>	27		Good				Remove
2289	2404	White Spruce	<i>Picea glauca</i>	27		Good				Remove
2290	2405	White Spruce	<i>Picea glauca</i>	29		Good				Remove
2291	2406	White Spruce	<i>Picea glauca</i>	30		Good				Remove
2292	2407	Silver Maple	<i>Acer saccharinum</i>	62	7.4	Good			Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2293	2408	Silver Maple	<i>Acer saccharinum</i>	36	4.3	Good		dead limbs at 3-4m, pruning recommended if retained	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2294	2409	Tree Willow Species (non-native)	<i>Salix sp.</i>	89		Good		minor branch dieback		Remove
2295		Hybrid Poplar	<i>Populus x canadensis</i>	11,12	2.0	Fair		boundary or adjacent-owned tree, not tagged. upper 2nd stem dead	Boundary Tree, Co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2296		Hybrid Poplar	<i>Populus x canadensis</i>	17	2.0	Good		boundary or adjacent-owned tree	Boundary Tree, Co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2297		Hybrid Poplar	<i>Populus x canadensis</i>	10	1.2	Good			Owned by adjacent landowner, 6034 Mayfield Road (west)	Request Permission to Remove
2298		Hybrid Poplar	<i>Populus x canadensis</i>	10	1.2	Good			Owned by adjacent landowner, 6034 Mayfield Road (west)	Request Permission to Remove
2299	2410	White Spruce	<i>Picea glauca</i>	35	4.2	Good		roots in west ditch covered in debris	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2300	2411	White Spruce	<i>Picea glauca</i>	21	2.5	Good			Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2301	2412	White Spruce	<i>Picea glauca</i>	29	3.5	Good			Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2302	2413	Blue Spruce	<i>Picea pungens</i>	19	2.3	Fair		fair to poor canopy with loss of growing tip, sparse branch needles	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2303	2431	Blue Spruce	<i>Picea pungens</i>	26	3.1	Good			Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2304	2432	Cherry Species (horticultural)	<i>Prunus sp.</i>	19		Poor	x	significant rot in main stem, canopy breakage/dieback		Remove
2305	2433	Cherry Species	<i>Prunus sp.</i>	22		Good				Remove
2306	2436	White Spruce	<i>Picea glauca</i>	33		Good				Remove
2307	2435	Pine Species	<i>Pinus sp.</i>	20		Dead	x	decay class 4		Remove
2308	2430	Freeman's Maple	<i>Acer x freemanii</i>	23, 18, 15		Good				Remove
2309	2434	Scotch Pine	<i>Pinus sylvestris</i>	32		Good				Remove
2310	2414	Scotch Pine	<i>Pinus sylvestris</i>	28		Good		minor stem wound		Remove

**Table 1 - Tree Inventory and Assessment List, Part of Lot 1, Concession 1, Caledon**

Tree # (Corresponding to Figure 2)	Tag # (Metal Tags)	Common Name	Scientific Name	DBH (cm)	MPZ (m)	Health Rating	Hazard Tree	Comments	Ownership Considerations	Recommended Action
2311	2415	White Elm	<i>Ulmus americana</i>	39	4.7	Dead	x	decay class 4	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2312	2416	White Elm	<i>Ulmus americana</i>	42	5.0	Dead	x	decay class 3	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2313	2417	White Elm	<i>Ulmus americana</i>	38	4.6	Poor	x	main stem broken at 2m, alive from watersprouts	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2314	2418	Manitoba Maple	<i>Acer negundo</i>	16	1.9	Poor	x	dead except for few suckers	Potential boundary tree, potentially co-owned with 6034 Mayfield Road (west)	Request Permission to Remove
2315	2419	Little-leaved Linden	<i>Tilia cordata</i>	12	1.4	Poor	x	stress evident, steam damage, sparse canopy	Co-owned by Town of Caledon (Davis Lane ROW)	Request Permission to Remove
2316	2420	Little-leaved Linden	<i>Tilia cordata</i>	13	1.6	Fair	x	fair - high stress, weak/sparse canopy with bud dieback/dicolouration	Co-owned by Town of Caledon (Davis Lane ROW)	Request Permission to Remove
2317	2421	Little-leaved Linden	<i>Tilia cordata</i>	12	1.4	Good		somewhat sparse canopy	Co-owned by Town of Caledon (Davis Lane ROW)	Request Permission to Remove
2318	2422	Little-leaved Linden	<i>Tilia cordata</i>	14	1.7	Good		somewhat poor canopy structure, bend/lean but alive, good	Co-owned by Town of Caledon (Davis Lane ROW)	Request Permission to Remove
2319	2423	Sugar Maple	<i>Acer saccharum</i>	10	1.2	Good		moderate size stem wound, but appears healthy, recovering	Co-owned by Town of Caledon (Davis Lane ROW)	Request Permission to Remove
2320	2424	White Elm	<i>Ulmus americana</i>	10	1.2	Fair	x	stem badly damaged, roots crowded by parking lot but canopy full	Co-owned by adjacent landowner, 12117 Airport Road (north)	Request Permission to Remove
2321	2425	Northern Red Oak	<i>Quercus rubra</i>	37		Good				Remove
2322	2426	White Spruce	<i>Picea glauca</i>	38	4.6	Good			Co-owned by adjacent landowner, Region of Peel (Mayfield Rd. ROW)	Request Permission to Remove
2323	2427	White Mullberry	<i>Morus alba</i>	32		Good				Remove
2324	2428	White Mullberry	<i>Morus alba</i>	29		Poor	x	structure poor, two weak codominant unions with crack/rot, canopy full		Remove
2325	2429	Honey Locust (horticultural)	<i>Gleditsia triacanthos</i>	43		Good				Remove
2326	2469	White Mullberry	<i>Morus alba</i>	50		Good	x	dense canopy, but poor structure, 2 weak/cracked co dominant unions with some becoming a hazard tree		Remove
2327	2470	Paper Birch	<i>Betula papyrifera</i>	21,20,20		Fair		some wounds on upper stem, broken canopy branches but alive		Remove
2328	2471	Apple Species	<i>Malus sp.</i>	21		Good				Remove
2329	2472	Apple Species	<i>Malus sp.</i>	13,10,8		Good		multi-stem		Remove
2330	2473	Pear species	<i>Pyrus sp.</i>	15		Good		many suckers at base		Remove
2331	2474	Apple Species	<i>Malus sp.</i>	12,11,8,7		Fair		multi-stem, partial canopy dieback, limb death		Remove
2332		White Mullberry	<i>Morus alba</i>	12		Good		part of cluster, no tag used (garden), weeping tree		Remove

Table 1 - Tree Inventory and Assessment List, Part of Lot 1, Concession 1, Caledon

Tree # (Corresponding to Figure 2)	Tag # (Metal Tags)	Common Name	Scientific Name	DBH (cm)	MPZ (m)	Health Rating	Hazard Tree	Comments	Ownership Considerations	Recommended Action
2333		White Mullberry	<i>Morus alba</i>	14		Good		part of cluster, no tag used (garden), weeping tree		Remove
2334		White Mullberry	<i>Morus alba</i>	15		Good		part of cluster, no tag used (garden), weeping tree		Remove
2335	2500	White Spruce	<i>Picea glauca</i>	23		Poor	x	declining, 80 percent canopy loss, disturbed		Remove
2336		White Spruce	<i>Picea glauca</i>	15	1.8	Good		adjacent lands, confirmed in-person as at least 2m north of property line fenceline	Owned by adjacent landowner, 12117 Airport Road (north)	Preserve
2337	2479	Hybrid Poplar	<i>Populus x canadensis</i>	23		Good		on property side of boundary fence		Remove
2338	2478	Hybrid Poplar	<i>Populus x canadensis</i>	16		Good		on property side of boundary fence		Remove
2339	2477	White Willow	<i>Salix alba</i>	29,24,18,14		Good		slight lean, multistem, on property side of boundary fence		Remove
2340		White Elm	<i>Ulmus americana</i>	12	1.4	Good		adjacent lands	Owned by adjacent landowner, 12117 Airport Road (north)	Preserve
2341	2490	Apple Species	<i>Malus sp.</i>	18,14		Good		2 stem		Remove
2342	2476	White Ash	<i>Fraxinus americana</i>	18		Good		minor stem wounds, but canopy alive		Remove
2343	2475	Scotch Pine	<i>Pinus sylvestris</i>	15		Good				Remove
2344	2483	Scotch Pine	<i>Pinus sylvestris</i>	18		Good				Remove
2345	2499	Scotch Pine	<i>Pinus sylvestris</i>	14		Good				Remove
2346	2498	Scotch Pine	<i>Pinus sylvestris</i>	16		Good				Remove
2347	2497	Scotch Pine	<i>Pinus sylvestris</i>	13		Fair		fair, thin canopy		Remove
2348	2496	Scotch Pine	<i>Pinus sylvestris</i>	11		Good				Remove
2349	2495	Scotch Pine	<i>Pinus sylvestris</i>	11		Good				Remove
2350	2494	Scotch Pine	<i>Pinus sylvestris</i>	13		Good				Remove
2351	2493	Scotch Pine	<i>Pinus sylvestris</i>	18		Good				Remove
2352	2491	Scotch Pine	<i>Pinus sylvestris</i>	15		Good				Remove
2353	2487	Scotch Pine	<i>Pinus sylvestris</i>	14		Good				Remove
2354	2482	White Elm	<i>Ulmus americana</i>	42	5.0	Good			Boundary Trees and/or Adjacent Lands Trees, Co-owned or fully owned by landowner of the 0 Mayfield Road parcel (east) between 6230 Mayfield Road and 6340 Mayfield Road	Request Permission to Remove
2355		European Buckthorn	<i>Rhamnus cathartica</i>	10,10,10	2.1	Good				Request Permission to Remove
2356	2481	White Elm	<i>Ulmus americana</i>	53	6.4	Dead	x	dead, decay class 4		Request Permission to Remove
2357	2480	Basswood	<i>Tilia americana</i>	17	2.0	Poor	x	concrete root zone damage, poor canopy		Request Permission to Remove
2358		Bur Oak	<i>Quercus macrocarpa</i>	15	1.8	Good		east of fenceline		Request Permission to Remove
2359		Bur Oak	<i>Quercus macrocarpa</i>	35	4.2	Good		east of fenceline		Request Permission to Remove
2360	2486	Basswood	<i>Tilia americana</i>	11	1.3	Poor		east of fenceline		Request Permission to Remove
2361		Bur Oak	<i>Quercus macrocarpa</i>	18	2.2	Good		east of fenceline		Request Permission to Remove
2362		Basswood	<i>Quercus macrocarpa</i>	15,15,10	2.8	Fair		3-stem, east of fenceline, fair with some canopy loss		Request Permission to Remove
2363		Basswood	<i>Quercus macrocarpa</i>	30	3.6	Good		east of fenceline		Request Permission to Remove
2364		Eastern Hop-hornbeam	<i>Ostrya virginiana</i>	20	2.4	Good		east of fenceline		Request Permission to Remove



**Table 1 - Tree Inventory and Assessment List, Part of Lot 1, Concession 1, Caledon**

Tree # (Corresponding to Figure 2)	Tag # (Metal Tags)	Common Name	Scientific Name	DBH (cm)	MPZ (m)	Health Rating	Hazard Tree	Comments	Ownership Considerations	Recommended Action
2365		Basswood	<i>Tilia americana</i>	19,18	3.1	Good		immediately east of fenceline	Boundary Trees and/or Adjacent Lands Trees, Co- owned or fully owned by landowner of the 0 Mayfield Road parcel (east) between 6230 Mayfield Road and 6340 Mayfield Road	Request Permission to Remove
2366	2492	Basswood	<i>Tilia americana</i>	34,21	4.8	Good		2-stem, on fenceline boundary		Request Permission to Remove
2367	2489	Basswood	<i>Tilia americana</i>	85,15,11	10.4	Good		3-stem, on fenceline boundary		Request Permission to Remove
2368		Basswood	<i>Tilia americana</i>	14,10	2.1	Good		2-stem, east of fenceline		Request Permission to Remove
2369		Basswood	<i>Tilia americana</i>	15	1.8	Good		east of fenceline		Request Permission to Remove
2370	2484	Basswood	<i>Tilia americana</i>	11	1.3	Good		on fenceline boundary		Request Permission to Remove
2371		Basswood	<i>Tilia americana</i>	10,7	1.5	Fair		one stem dead, located east of fenceline		Request Permission to Remove
2372		Basswood	<i>Tilia americana</i>	15	1.8	Good		east of fenceline		Request Permission to Remove
2373		Basswood	<i>Tilia americana</i>	29,26,24,14	5.7	Good		east of fenceline		Request Permission to Remove
2374	2485	Bur Oak	<i>Quercus macrocarpa</i>	60,51,39	10.5	Good		3-stem, on fenceline boundary, few dead limbs, root zone surrounded/damaged by cement	Boundary Trees and/or Adjacent Lands Trees, Co- owned or fully owned by landowner of the 0 Mayfield Road parcel (east) between 6230 Mayfield Road and 6340 Mayfield Road	Request Permission to Remove
2375		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good		east of fenceline		Request Permission to Remove
2376		Bur Oak	<i>Quercus macrocarpa</i>	25	3.0	Good		east of fenceline		Request Permission to Remove
2377		Bur Oak	<i>Quercus macrocarpa</i>	18	2.2	Good		east of fenceline, slight lean		Request Permission to Remove
2378	2468	Basswood	<i>Tilia americana</i>	16,14,14,13,12	3.7	Good		multi-stem, one of smaller stems dead		Request Permission to Remove
2379		Basswood	<i>Tilia americana</i>	11	1.3	fair		on fenceline boundary		Request Permission to Remove
2380		Basswood	<i>Tilia americana</i>	15	1.8	Good		east of fenceline		Request Permission to Remove
2381		White Elm	<i>Ulmus americana</i>	35	4.2	Good		east of fenceline		Request Permission to Remove
2382		Hawthorn species	<i>Crataegus sp.</i>	14	1.7	Poor		canopy dead, east of fenceline		Request Permission to Remove
2383		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good			Boundary Trees and/or Adjacent Lands Trees, Co- owned or fully owned by landowner of the 0 Mayfield Road parcel (east) between	Request Permission to Remove
2384		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good				Request Permission to Remove
2385	2466	Bur Oak	<i>Quercus macrocarpa</i>	16	1.9	Good				Request Permission to Remove
2386		Basswood	<i>Tilia americana</i>	13	1.6	Good		east of fenceline		Request Permission to Remove
2387		Bur Oak	<i>Quercus macrocarpa</i>	24	2.9	Good		east of fenceline		Request Permission to Remove
2388		White Elm	<i>Ulmus americana</i>	25	3.0	Good		east of fenceline		Request Permission to Remove
2389		English Hawthorn	<i>Crataegus monogyna</i>	20	2.4	Poor		east of fenceline, 60 percent canopy reduction, poor structure		Request Permission to Remove

**Table 1 - Tree Inventory and Assessment List, Part of Lot 1, Concession 1, Caledon**

Tree # (Corresponding to Figure 2)	Tag # (Metal Tags)	Common Name	Scientific Name	DBH (cm)	MPZ (m)	Health Rating	Hazard Tree	Comments	Ownership Considerations	Recommended Action	
2390		Bur Oak	<i>Quercus macrocarpa</i>	60	7.2	Poor		east of fenceline, many upper epicormic/watersprouts, significant dieback	6230 Mayfield Road and 6340 Mayfield Road	Request Permission to Remove	
2391		Bur Oak	<i>Quercus macrocarpa</i>	20	2.4	Good		east of fenceline		Request Permission to Remove	
2392		Bur Oak	<i>Quercus macrocarpa</i>	20	2.4	Good		east of fenceline		Request Permission to Remove	
2393		White Elm	<i>Ulmus americana</i>	22	2.6	Good		east of fenceline		Request Permission to Remove	
2394		Bur Oak	<i>Quercus macrocarpa</i>	65	7.8	Fair		east of fenceline, fair to poor, abundant epicormic sprouts with branch tip dieback		Request Permission to Remove	
2395		Bur Oak	<i>Quercus macrocarpa</i>	20	2.4	Poor		east of fenceline		Request Permission to Remove	
2396		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good		east of fenceline		Request Permission to Remove	
2397		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good		east of fenceline		Request Permission to Remove	
2398		Bur Oak	<i>Quercus macrocarpa</i>	10	1.2	Fair		east of fenceline		Road parcel (east) between 6230 Mayfield Road and 6340 Mayfield Road	Request Permission to Remove
2399		Bur Oak	<i>Quercus macrocarpa</i>	30	3.6	Good		east of fenceline			Request Permission to Remove
2400		Bur Oak	<i>Quercus macrocarpa</i>	35	4.2	Good		east of fenceline			Request Permission to Remove
2401		Manitoba Maple	<i>Acer negundo</i>	20	2.4	Good		east of fenceline			Request Permission to Remove
2402		European Buckthorn	<i>Rhamnus cathartica</i>	10	1.2	Good		cluster, >10cm , ~4	Owned by adjacent landowner, Region of Peel (Mayfield Rd. ROW)	Request Permission to Remove	
2403		Willow Species	<i>Salix sp.</i>	21	2.5	Good				Request Permission to Remove	
2404		Crack Willow	<i>Salix euxina</i>	70,70,70	14.5	Good		3 living stems, fallen over but alive, some rising again looking like secondary trees, already tagged "0028"		Request Permission to Remove	
Tree Clusters											
Cluster Label		Primary Species		Notes						Recommended Action	
A		Blue Spruce, Freeman's Maple		11 stems, all stems >3m from property boundary, all stems smaller than 30cm DBH						Preserve	
B		Oak (including Bur Oak)		3 stems, all stems >3m from property boundary, all stems approximately 20cm DBH						Preserve	
C		Little-leaved Linden, White Spruce, Pine		Approximately 10 stems following parallel to property boundary, >3m from property boundary, all stems <30cm DBH						Preserve	
D		Silver Maple, Eastern White Cedar		Approximately 5 Silver Maple approximately 20cm DBH, all Eastern White Cedar <10cm DBH. Stems >3m beyond property boundary. It should be noted that trees 2336 and 2340 abut this cluster but were considered independently due to being the closest to being impacted due to size/proximity, and were therefore assessed in greater detail.						Preserve	

Table 2 - Tree Compensation Requirements, Part of Lot 1, Concession 1, Town of Caledon

Tree ID #	Common Name	Scientific Name	DBH (cm)	Condition Rating	Compensation Ratio *	Required # of Compensation Trees
<b>Tableland Trees Requiring Compensation</b>						
2287	White Spruce	<i>Picea glauca</i>	25	Good	2:1	2
2288	White Spruce	<i>Picea glauca</i>	27	Good	2:1	2
2289	White Spruce	<i>Picea glauca</i>	27	Good	2:1	2
2290	White Spruce	<i>Picea glauca</i>	29	Good	2:1	2
2291	White Spruce	<i>Picea glauca</i>	30	Good	2:1	2
2292	Silver Maple	<i>Acer saccharinum</i>	62	Good	4:1	4**
2293	Silver Maple	<i>Acer saccharinum</i>	36	Good	3:1	3**
2294	Tree Willow Species (non-native)	<i>Salix sp.</i>	89	Good	5:1	5
2295	Hybrid Poplar	<i>Populus x canadensis</i>	11,12	Fair	1:1	1**
2296	Hybrid Poplar	<i>Populus x canadensis</i>	17	Good	1:1	1**
2297	Hybrid Poplar	<i>Populus x canadensis</i>	10	Good	1:1	1**
2298	Hybrid Poplar	<i>Populus x canadensis</i>	10	Good	1:1	1**
2299	White Spruce	<i>Picea glauca</i>	35	Good	2:1	2**
2300	White Spruce	<i>Picea glauca</i>	21	Good	2:1	2**
2301	White Spruce	<i>Picea glauca</i>	29	Good	2:1	2**
2302	Blue Spruce	<i>Picea pungens</i>	19	Fair	1:1	1**
2303	Blue Spruce	<i>Picea pungens</i>	26	Good	2:1	2**
2305	Cherry Species	<i>Prunus sp.</i>	22	Good	2:1	2
2306	White Spruce	<i>Picea glauca</i>	33	Good	2:1	2
2308	Freeman's Maple	<i>Acer x freemanii</i>	23, 18, 15	Good	2:1	2
2309	Scotch Pine	<i>Pinus sylvestris</i>	32	Good	2:1	2
2310	Scotch Pine	<i>Pinus sylvestris</i>	28	Good	2:1	2
2316	Little-leaved Linden	<i>Tilia cordata</i>	13	Fair	1:1	1**
2317	Little-leaved Linden	<i>Tilia cordata</i>	12	Good	1:1	1**
2318	Little-leaved Linden	<i>Tilia cordata</i>	14	Good	1:1	1**
2319	Sugar Maple	<i>Acer saccharum</i>	10	Good	1:1	1**
2320	White Elm	<i>Ulmus americana</i>	10	Fair	1:1	1**
2321	Northern Red Oak	<i>Quercus rubra</i>	37	Good	3:1	3
2322	White Spruce	<i>Picea glauca</i>	38	Good	3:1	3***
2323	White Mullberry	<i>Morus alba</i>	32	Good	2:1	2
2325	Honey Locust (horticultural)	<i>Gleditsia triacanthos</i>	43	Good	3:1	3
2326	White Mullberry	<i>Morus alba</i>	50	Good	3:1	3
2327	Paper Birch	<i>Betula papyrifera</i>	21,20,20	Fair	2:1	2
2328	Apple Species	<i>Malus sp.</i>	21	Good	2:1	2
2329	Apple Species	<i>Malus sp.</i>	13,10,8	Good	1:1	1
2330	Pear species	<i>Pyrus sp.</i>	15	Good	1:1	1
2331	Apple Species	<i>Malus sp.</i>	12	Fair	1:1	1
2332	White Mullberry	<i>Morus alba</i>	12,11,8,7	Good	1:1	1
2333	White Mullberry	<i>Morus alba</i>	14	Good	1:1	1
2334	White Mullberry	<i>Morus alba</i>	15	Good	1:1	1
2337	Hybrid Poplar	<i>Populus x canadensis</i>	23	Good	2:1	2
2338	Hybrid Poplar	<i>Populus x canadensis</i>	16	Good	1:1	1
2339	White Willow	<i>Salix alba</i>	29,24,18,14	Good	2:1	2
2341	Apple Species	<i>Malus sp.</i>	18,14	Good	1:1	1
2342	White Ash	<i>Fraxinus americana</i>	18	Good	1:1	1
2343	Scotch Pine	<i>Pinus sylvestris</i>	15	Good	1:1	1
2344	Scotch Pine	<i>Pinus sylvestris</i>	18	Good	1:1	1
2345	Scotch Pine	<i>Pinus sylvestris</i>	14	Good	1:1	1
2346	Scotch Pine	<i>Pinus sylvestris</i>	16	Good	1:1	1
2347	Scotch Pine	<i>Pinus sylvestris</i>	13	Fair	1:1	1
2348	Scotch Pine	<i>Pinus sylvestris</i>	11	Good	1:1	1

Table 2 - Tree Compensation Requirements, Part of Lot 1, Concession 1, Town of Caledon

Tree ID #	Common Name	Scientific Name	DBH (cm)	Condition Rating	Compensation Ratio *	Required # of Compensation Trees
2349	Scotch Pine	<i>Pinus sylvestris</i>	11	Good	1:1	1
2350	Scotch Pine	<i>Pinus sylvestris</i>	13	Good	1:1	1
2354	White Elm	<i>Ulmus americana</i>	42	Good	3:1	3**
2355	European Buckthorn	<i>Rhamnus cathartica</i>	10,10,10	Good	1:1	1**
2358	Bur Oak	<i>Quercus macrocarpa</i>	15	Good	1:1	1**
2359	Bur Oak	<i>Quercus macrocarpa</i>	35	Good	2:1	2**
2361	Bur Oak	<i>Quercus macrocarpa</i>	18	Good	1:1	1**
2362	Basswood	<i>Quercus macrocarpa</i>	15,15,10	Fair	1:1	1**
2363	Basswood	<i>Quercus macrocarpa</i>	30	Good	2:1	2**
2364	Eastern Hop-hornbeam	<i>Ostrya virginiana</i>	20	Good	1:1	1**
2365	Basswood	<i>Tilia americana</i>	19,18	Good	1:1	1**
2366	Basswood	<i>Tilia americana</i>	34,21	Good	2:1	2**
2367	Basswood	<i>Tilia americana</i>	85,15,11	Good	5:1	5**
2368	Basswood	<i>Tilia americana</i>	14,10	Good	1:1	1**
2369	Basswood	<i>Tilia americana</i>	15	Good	1:1	1**
2370	Basswood	<i>Tilia americana</i>	11	Good	1:1	1**
2371	Basswood	<i>Tilia americana</i>	10,7	Fair	1:1	1**
2372	Basswood	<i>Tilia americana</i>	15	Good	1:1	1**
2373	Basswood	<i>Tilia americana</i>	29,26,24,14	Good	2:1	2**
2374	Bur Oak	<i>Quercus macrocarpa</i>	60,51,39	Good	4:1	4**
2375	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1**
2376	Bur Oak	<i>Quercus macrocarpa</i>	25	Good	2:1	2**
2377	Bur Oak	<i>Quercus macrocarpa</i>	18	Good	1:1	1**
2378	Basswood	<i>Tilia americana</i>	16,14,14,13,12	Good	1:1	1**
2379	Basswood	<i>Tilia americana</i>	11	fair	1:1	1**
2380	Basswood	<i>Tilia americana</i>	15	Good	1:1	1**
2381	White Elm	<i>Ulmus americana</i>	35	Good	2:1	2**
2383	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1**
2384	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1**
2385	Bur Oak	<i>Quercus macrocarpa</i>	16	Good	1:1	1**
2386	Basswood	<i>Tilia americana</i>	13	Good	1:1	1**
2387	Bur Oak	<i>Quercus macrocarpa</i>	24	Good	2:1	2**
2388	White Elm	<i>Ulmus americana</i>	25	Good	2:1	2**
2391	Bur Oak	<i>Quercus macrocarpa</i>	20	Good	1:1	1**
2392	Bur Oak	<i>Quercus macrocarpa</i>	20	Good	1:1	1**
2393	White Elm	<i>Ulmus americana</i>	22	Good	2:1	2**
2394	Bur Oak	<i>Quercus macrocarpa</i>	65	Fair	4:1	4**
2396	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1**
2397	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1**
2398	Bur Oak	<i>Quercus macrocarpa</i>	10	Fair	1:1	1**
2399	Bur Oak	<i>Quercus macrocarpa</i>	30	Good	2:1	2**
2400	Bur Oak	<i>Quercus macrocarpa</i>	35	Good	2:1	2**
2401	Manitoba Maple	<i>Acer negundo</i>	20	Good	1:1	1**
2402	European Buckthorn	<i>Rhamnus cathartica</i>	10	Good	1:1	1***
2403	Willow Species	<i>Salix sp.</i>	21	Good	2:1	2***
2404	Crack Willow	<i>Salix euxina</i>	70,70,70	Good	5:1	5***
Total Compensation Trees:						161**

\* Compensation Ratio as per Town of Caledon's Terms of Reference for Arborist Reports, Tree Preservation Plans and Tableland Tree Removal Compensation (2020).

\*\*Pending permission for removal from relevant Adjacent Landowner (See Table 1 for details)

\*\*\*Pending response from Region of Peel



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## **APPENDICES**

### **Appendix A:** Town of Caledon Tree Preservation Detail and Standard Notes

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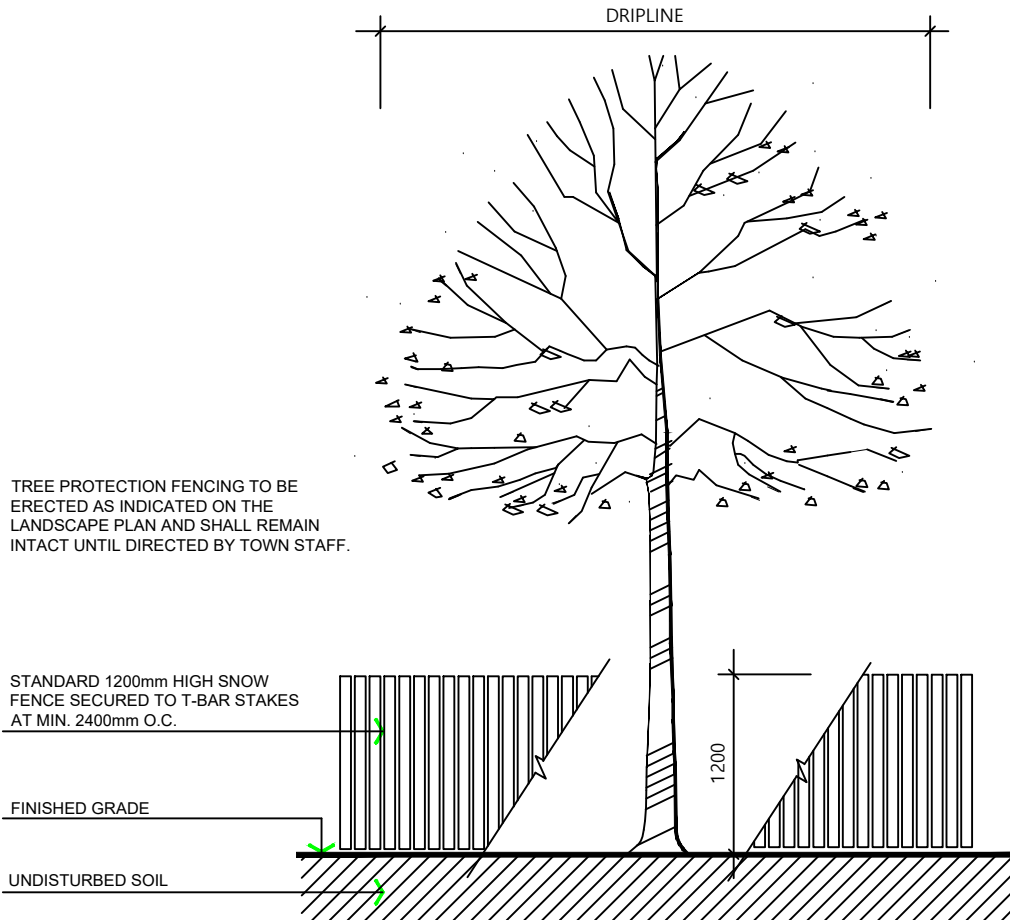
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## **APPENDIX A**

### **Town of Caledon Tree Preservation Detail and Standard Notes**

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**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		

## SPECIFICATIONS

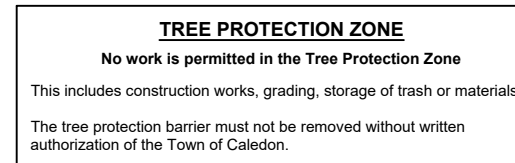
### A. General

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

1. 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).
2. 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.
3. 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.
4. 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.
5. 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.

6. 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.
7. Remove any garbage and foreign debris from the tree protection zones, daily.
8. 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.
9. 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.
10. The sign must be similar to the illustration shown below, or as directed by the Town of Caledon.



11. 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					APR'D: 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

1. 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.
2. 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.
3. 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.
4. 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.
5. No cables, wire or ropes of any kind shall be wrapped around or installed in trees to be preserved.
6. No contaminants will be dumped or flushed in the TPZ areas or where feeder roots of trees exist (generally beyond the TPZ areas).
7. Irrigate tree protection zones during drought conditions, June to September to reduce drought stress.
8. Inspect the site daily to ensure hoarding is in place and in good condition. Inspect trees to monitor condition.

### D. Post Construction Phase

1. 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.
2. 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					APR'D: B.B.	DATE: AUGUST 17
TREE PRESERVATION STANDARD NOTES - PART 2					DRAWN: B.M.	SCALE: NTS
					STANDARD No. 711	
	NO.	REVISION	APR'D	DATE		