Tree Inventory and Preservation Plan Report
12506 and 12698 Heart Lake Road
Caledon, Ontario

prepared for

byPATH: Landscape Architecture Inc.

prepared by

KUNTZ
FORESTRY
CONSULTING Inc.

PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

14 October 2025

KUNTZ FORESTRY CONSULTING Inc. Project P4768

Introduction

Kuntz Forestry Consulting Inc. was retained by byPATH Landscape Architecture Inc. to complete a Tree Inventory and Preservation Plan Report in support of a development application for properties at 12506 and 12698 Heart Lake Road in the Town of Caledon, Ontario. The subject properties are located on the west side of Heart Lake Road, south of Old School Road, within a rural area. The western portion of 12698 Heart Lake Road is protected as the Greenbelt and regulated by the Toronto and Region Conservation Authority (TRCA).

The work plan for this study included the following:

- Prepare inventory of the tree resources over 10cm on and within six metres of the proposed development;
- Evaluate tree saving opportunities based on proposed site plans and grading; and,
- Document the findings in a Tree Inventory and Preservation Plan report.

Trees included were visually assessed for condition utilizing the following parameters:

Tree # - number assigned to trees that corresponds to Figures 1-7.
Species - common and botanical names provided in the inventory table.
DBH - diameter (centimeters) at breast height, measured at 1.4 m above the ground.
Condition - condition of tree considering trunk integrity (TI), crown structure (CS) and crown vigor (CV). Condition ratings include poor (P), fair (F), and good (G).
Crown Die Back – Percentage of dead branches within the crown.
Drip Line - Crown radius; and
Comments – Any other relevant tree condition information.

The results of the evaluation are provided below.

Methodology

Trees measuring over 10cm DBH on and within six metres of the proposed development were identified included in the tree inventory. Trees were located using a handheld GPS unit (Trimble GeoExplorer® 6000 series) accurate to ±1m and a topographic survey provided for the subject properties. Trees on the subject properties were tagged with numbers 501-600, 351-460. Trees located on the adjacent properties are identified with letters A-I. Hedgerows and rows of trees were inventoried as polgons and identified as P1-P3. Tree locations are shown on Figures 1-7. See Table 1 for the results of the inventory.

Existing Site Conditions

The subject properties are currently occupied by residential dwellings and amenities, farming facilities, driveways, and agricultural land. Tree resources exist in the form of landscape trees and natural generations. Refer to Figures 1-7 for the existing site conditions.

Individual Tree Resources

The tree inventory was conducted on 27 August 2025 and 9 October 2025. The inventory documented 219 individual trees and three tree polygons on and within six metres of the proposed

development. Refer to Table 1 for the full tree inventory and Figures 1-7 for the location of tree reported in the tree inventory.

Tree resources included in the inventory are White Fir (*Abies concolor*), Freeman Maple (*Acer x freemanii*), Amur Maple (*Acer ginnala*), Norway Maple (*Acer platanoides*), Crimson King Maple (*Acer platanoides 'Crimson King'*), Silver Maple (*Acer saccharinum*), Sugar Maple (*Acer saccharum*), White Birch (*Betula papyrifera*), Northern Catalpa (*Catalpa speciosa*), False Cypress (*Chamaecyparis spp*.), European Beech (*Fagus sylvatica*), Copper Beech (*Fagus sylvatica f. Purpurea*), Columnar Weeping Copper Beech (*Fagus sylvatica 'Purple Fountain'*), Ginkgo (*Ginkgo biloba*), Shademaster Honey Locust (*Gleditsia triacanthos 'inermis'*), Black Walnut (*Juglans nigra*), Tamarack (*Larix laricina*), Apple (*Malus spp*.), Norway Spruce (*Picea abies*), White Spruce (*Picea glauca*), Blue Spruce (*Picea pungens*), Austrian Pine (*Pinus nigra*), Schubert Cherry (*Prunus virginiana 'Schubert'*), Red Oak (*Quercus rubra*), Corkscrew Willow (*Salix matsudana*), Willow (*Salix spp*.), Ivory Silk Lilac (*Syringa reticulata 'Ivory Silk'*), Eastern White Cedar (*Thuja occidentalis*), and White Elm (*Ulmus americana*).

Proposed Development

The proposed development includes the demolition of the existing buildings and the construction of four commercial buildings and surface parking. The construction of a new stormwater management pond is proposed on the north side of the subject property. The ravine ecosystem and a plantation forest on the north side of the subject properties will be retained. Refer to Figures 1-7 for the proposed development.

Discussion

The following sections provide a discussion and analysis of development impacts, tree removal requirements and tree preservation relative to the proposed development.

Development Impacts/Tree Removals

The removal of 143 individual trees and one tree polygon is required to accommodate the proposed development. Required tree removals include Trees 351-374, 387-393, 429-436, 443-458, 501-577, 586-600, and P1. All trees that require removal are located on the subject properties.

The removal of Trees 394, 397, 398, and 400 is recommended due to their poor and/or hazardous condition. Refer to Figures 1-7 for the location of the proposed tree removals.

- All tree removals must be conducted outside of the bird breeding season (April 1st – August 1st).
- The owner must retain the same Certified Arborist to carry out the recommendations in TIPP report to the satisfaction of the Town. A certification letter will be provided by a Certified Arborist that tree removals have been completed as per the approved TIPP report. An additional certification letter from the same Arborist will be provided that confirms any long-term requirements and recommendations in the report have been carried out.
- The owner is solely responsible for ongoing maintenance and repairs to tree protection fencing throughout the proposed development.

Tree Preservation

The preservation of the remaining 72 individual trees and two tree polygons will be possible with appropriate tree protection measures. Recommended tree preservation includes Trees, 375-386, 390-393, 395, 396, 399, 401-428, 437-442, 459, 460, 578-585, A-I, P2, and P3. Sediment and erosion control fencing should be sufficient as tree protection fencing. Refer to Figures 1-7 for the location of prescribed tree preservation fencing, further tree preservation plan notes and the tree protection fencing detail.

- Areas within the tree protection zone shall remain undisturbed for the duration of site construction and shall not be used for the storage of excavated fill, building/construction materials, or equipment.
- The limit of tree protection hoarding shall be confirmed in the field by the consulting arborist, Town staff, and conservation authority (if applicable). The Owner/Applicant shall be responsible for ongoing maintenance and repairs to the tree protection fencing to the satisfaction of the Town, until final approval by the Town and conservation authority (if applicable). The Owner/Applicant shall not remove and not cause or permit any tree preservation fencing to be removed without the approval of the Town and conservation authority (if applicable).

Tree Compensation

The Town of Caledon requires tree compensation for any healthy tree removal. The compensation ratio is below:

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

The removal of 143 individually inventoried trees and 34 trees in Tree P1 is proposed to accommodate the proposed site plan; However, several trees are not applicable to compensation requirements. Trees 394, 397, 398, 400, 501, 507, 508, 511, 512, 518, 522, 526, 535, 542, 549, 574, 575, 577, 591, 594, and five trees within Tree P1 have poor and/or hazardous conditions.

As such, a total of 357 replacement plantings is required on the subject property. Refer Tables 1 and 2 for replacement trees required per tree removal.

Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by byPATH: Landscape Architecture Inc.. to complete a Tree Inventory and Preservation Plan in support of a development application for the propertyies located at 12506 and 12698 Heart Lake Road in Caledon, Ontario. A tree inventory was conducted and reviewed in the context of the proposed development plan.

The findings of the study indicate a total of 219 trees and three tree polygons on and within six metres of the proposed development. The removal of 143 trees and one tree polygon is required to accommodate the proposed development. The removal of additional four trees is

recommended due to poor and/or hazardous conditions. The preservation of the remaining 52 trees and two tree polygons will be possible with appropriate tree protection measures.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figures 1-7 for additional Tree Protection Plan Notes and tree preservation fence detail.

- Tree protection barriers and fencing should be erected at locations as prescribed on Figures 1-7. All tree protection measures should follow the guidelines as set out in the tree preservation plan notes and the tree preservation fencing detail.

- No construction activity including surface treatments, excavations of any kind, storage of materials or vehicles, unless specifically outlined above, is permitted within the area identified on Figures 1-7 as a tree protection zone (TPZ) at any time during or after construction.

- Site visits, pre, during and post construction is recommended by either a certified consulting arborist (I.S.A.) or registered professional forester (R.P.F.) to ensure proper utilization of tree protection barriers. Trees should also be inspected for damage incurred during construction to ensure appropriate pruning or other measures are implemented.

Town of Caledon Tree Protection Notes

- During construction and prior to final approval by the Town, the consulting Arborist along with appropriate Town staff shall intermittently inspect the entire site. Any noted hazardous trees must be identified and removed prior to Assumption or earlier if deemed hazardous at the sole cost of the Owner/Applicant. Any records of maintenance or removals are to be submitted to the Town.

- Compensation will be required for all tree removals at a rate as determined by the Town's Tableland Tree Removal Compensation. Tree compensation planting will be in addition to the standard required planting. In the event tree compensation cannot be accommodated for in the planting design, financial compensation shall be collected at a rate (per tree) as determined by the Town. Based on the compensation ratio, 207 replacement trees are required to compensate for the removal of trees on the subject property.

- Removals should occur outside of the breeding bird season (April 1- August 1). If this is not possible, clearance with an ecologist should occur prior to construction to ensure no loss of bird nest, egg or unfledged young.

- Any trees located on the property line or on the adjacent property that are proposed to be removed, pruned or injured, will require written consent from the adjacent landowner. All correspondence is to be forwarded to the Town prior to any removals.

- Minor grading works may be permitted at the edge of the preservation zone as required to correct localized grading issues adjacent to the proposed development at the discretion of the Town. This work is to be undertaken under the supervision of the consulting Arborist. The consulting Arborist is to verify in writing to the Town, confirming that the work has been completed as per the approved design using best arboricultural practices.

- Areas within the tree protection zone shall remain undisturbed for the duration of site construction and shall not be used for the storage of excavated fill, building/construction material, structures or equipment.

- The limit of tree protection hoarding shall be confirmed in the field by the consulting arborist, Town staff and conservation authority (if applicable). The Owner/Applicant shall be responsible for ongoing maintenance and repairs to tree protection fencing to the satisfaction of the Town, until final approval by the Town and conservation authority (if applicable). The Owner/Applicant shall not remove and not cause or permit any tree preservation fencing to be removed without the approval of the Town and conservation authority (if applicable).

Respectfully Submitted,
Kuntz Forestry Consulting Inc.

Kaho Hayashi

Kaho Hayashi, B.Sc., M.Sc.F.
Senior Forest Ecologist
ISA Certified Arborist #ON-2153A
Tree Risk Assessment Qualified
Tel: 289-837-1871 ext. 103
Cell: 289-835-3298
Email: kaho.hayashi@kuntzforestry.ca

Limitations of Assessment

Only the tree(s) identified in this report were included in the inventory. The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These may include a visual examination taken from the ground of all the above-ground parts of the tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, discoloured foliage, the condition of any visible root structures, the degree of lean (if any), the general condition of the trees and the identification of potentially hazardous trees or recommendations for removal (if applicable). Where trees could not be directly accessed (ie. due to obstructions, and/or on neighbouring properties), trees were assessed as accurately as possible from nearby vantage points.

Locations of trees provided in the report are determined as accurately as possible based on the best information available. If official survey information is not provided, tree location in the report may not be exact. In this case, if trees occur on or near property boundaries, an official site survey may be required to determine ownership utilizing specialized survey protocol to gain precise location.

Furthermore, recommendations made in this report are based on the site plans that have been provided at the time of reporting. These recommendations may no longer be applicable should changes be made to the site plan and/or grading, servicing, or landscaping plans following report submission.

Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms, and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather conditions. Any tree will fail if the forces applied to the tree exceed the strength of the tree or its parts.

Although every effort has been made to ensure that this assessment is reasonably accurate, the trees should be re-assessed periodically. The assessment presented in this report is valid at the time of inspection.

Table 1. Tree Inventory

Location: 12506-12698 Heart Lake Road, Caledon Date: 27 August & 9 October 2025 Surveyors: KH

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
351	Blue Spruce	*Picea pungens*	17	G	G	F-G		1.5		Private	Remove	1
352	Blue Spruce	*Picea pungens*	18	G	G	G		1.5		Private	Remove	1
353	Blue Spruce	*Picea pungens*	18	G	G	G		1		Private	Remove	1
354	Blue Spruce	*Picea pungens*	17	G	G	G		1.5		Private	Remove	1
355	Crimson King Maple	*Acer platanoides 'Crimson King'*	18	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
356	Crimson King Maple	*Acer platanoides 'Crimson King'*	12.5	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
357	Crimson King Maple	*Acer platanoides 'Crimson King'*	12	G	G	F		1	Chlorosis (H)	Private	Remove	1
358	Crimson King Maple	*Acer platanoides 'Crimson King'*	17.5	F	G	F		1.5	Chlorosis (H), seam (M)	Private	Remove	1
359	Norway Maple	*Acer platanoides*	51.5	F-G	G	G		5	Stem wounds (L) at base	Private	Remove	4
360	Norway Maple	*Acer platanoides*	38	F	G	F-G		4	Co-dominance at 1.8m, growth deficit (L)	Private	Remove	3
361	Norway Maple	*Acer platanoides*	54.5	F-G	G	F-G		5	Co-dominance at 1.9m	Private	Remove	4
362	Norway Maple	*Acer platanoides*	55.5	F	G	F-G		5	Co-dominance at 1.5m with included bark (M)	Private	Remove	4
363	Norway Maple	*Acer platanoides*	44	F-G	G	F-G		4	Co-dominance at 1.8m	Private	Remove	3
364	Norway Maple	*Acer platanoides*	46	F	G	F-G	10	4	Growth deficit (L), lean (L), co-dominance at 1.8m with 3 stems	Private	Remove	3
365	Norway Maple	*Acer platanoides*	53.5	F-G	G	F	15	4	Co-dominance at 1.8m with included bark (M), sweep (L)	Private	Remove	4
366	Sugar Maple	*Acer saccharum*	51.5	G	G	G		5		Private	Remove	4
367	Norway Maple	*Acer platanoides*	42.5	F-G	G	F-G		4	Co-dominance at 1.9m with included bark (L)	Private	Remove	3
368	Norway Maple	*Acer platanoides*	52.5	F-G	G	F		5	Co-dominance at 1.5m and 2m with 3 stems, chlorosis (M)	Private	Remove	4
369	Norway Maple	*Acer platanoides*	39	F-G	G	F		4	Union at 2m, crook (L), bow (L), chlorosis (M)	Private	Remove	3
370	Norway Maple	*Acer platanoides*	43	F-G	G	F		4	Union at 1.8m, chlorosis (M)	Private	Remove	3
371	Norway Maple	*Acer platanoides*	46	F-G	G	F		4	Union at 1.8m, chlorosis (M)	Private	Remove	3
372	Sugar Maple	*Acer saccharum*	35	G	G	G		4		Private	Remove	2

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
373	Norway Maple	*Acer platanoides*	42.5	F	G	F		5	Union at 1.6m with 4 stems, chlorosis (M)	Private	Remove	3
374	Sugar Maple	*Acer saccharum*	43	G	G	G		5		Private	Remove	3
375	Norway Maple	*Acer platanoides*	27.5	F-G	G	F		4	Sweep (L), co-dominance at 1.9m	Town	Preserve	
376	Silver Maple	*Acer saccharinum*	46, 33, 27, 19	F-G	G	F-G		5	Union at base, stem wounds (L)	Town	Preserve	
377	Norway Maple	*Acer platanoides*	12	G	G	F		1	Chlorosis (H)	Town	Preserve	
378	Norway Maple	*Acer platanoides*	14	F	G	F		1	Seam (L), frost crack (L), chlorosis (H)	Private	Preserve	
379	Blue Spruce	*Picea pungens*	20	G	G	G		1.5		Private	Preserve	
380	Blue Spruce	*Picea pungens*	26	G	G	G		3		Private	Preserve	
381	Blue Spruce	*Picea pungens*	~28	G	G	G		3		Private	Preserve	
382	White Elm	*Ulmus americana*	39	F-G	G	F-G		4	Co-dominance at 3m with included bark (L)	Private	Preserve	
383	Blue Spruce	*Picea pungens*	~38	G	G	G		3		Private	Preserve	
384	Blue Spruce	*Picea pungens*	~32	G	G	F		2	Sparse crown (M)	Private	Preserve	
385	Blue Spruce	*Picea pungens*	~32	G	G	F-G		2		Private	Preserve	
386	Black Walnut	*Juglans nigra*	23	G	G	G		3		Private	Preserve	
387	Norway Maple	*Acer platanoides*	84	F	F	F-G	20	5	Union at 2m, bow (VL), crook (M), broken branches (M)	Private	Remove	5
388	Norway Maple	*Acer platanoides*	76	F	F	F-G	10	5	Lean (L), union at 2m	Private	Remove	5
389	Blue Spruce	*Picea pungens*	17	G	G	G		1.5		Private	Remove	1
390	Blue Spruce	*Picea pungens*	18	G	G	G		2		Private	Preserve	
391	Blue Spruce	*Picea pungens*	21	G	G	G		2		Private	Preserve	
392	Blue Spruce	*Picea pungens*	20	G	G	G		1.5		Private	Preserve	
393	Blue Spruce	*Picea pungens*	23	G	G	G		2		Private	Preserve	
394	Norway Maple	*Acer platanoides*	100	P	F	F	25	6	Union at base but 1 stem cut with rot, seam (M), co-dominance at 2m with split, bow (L), lost leaders	Private	Remove (condition)	0
395	Norway Maple	*Acer platanoides*	32, 28.5	F-G	F-G	F-G		3	Co-dominance at 0.3m with included bark (L), sweep (L), tar spots (L)	Private	Preserve	
396	Norway Maple	*Acer platanoides*	19.5	F-G	F-G	F-G		2	Lean (L)	Private	Preserve	
397	Norway Maple	*Acer platanoides*	63.5	P	P-F	F-G	15	5	Co-dominance at 3m, multiple cankers	Private	Remove (condition)	0
398	Norway Maple	*Acer platanoides*	65	P	F-G	F-G		6	Cavity at 0.6m, union at 1.6m, tar spots (L)	Private	Remove (condition)	0
399	Norway Maple	*Acer platanoides*	42.5	F-G	G	G		5	Sweep (L	Private	Preserve	

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
400	Norway Maple	*Acer platanoides*	57.5	P	G	F-G		4	Hazard, cavity (H) on lower stem	Private	Remove (condition)	0
401	Norway Maple	*Acer platanoides*	44.5	F-G	G	F-G		4	Crook (L), sweep (L)	Private	Preserve	
402	Norway Maple	*Acer platanoides*	41	F	F-G	F-G		4	Co-dominance at 4m, crook (M), stem wounds (L)	Private	Preserve	
403	Norway Maple	*Acer platanoides*	21	P-F	G	F		2	Bow (M), canker (M), poor form, crook (M), epicormic branches (M)	Private	Preserve	
404	Norway Maple	*Acer platanoides*	19.5	F	G	F		2	Seam (M), lean (L), poor form, crook (M), epicormic branches (M)	Private	Preserve	
405	Norway Maple	*Acer platanoides*	37	F-G	G	F-G		4	Lean (L), co-dominance in crown	Private	Preserve	
406	Norway Maple	*Acer platanoides*	76	F-G	G	F	15	6	Co-dominance at 2.5m, tar spots (M)	Private	Preserve	
407	Norway Maple	*Acer platanoides*	37.5	F-G	G	F-G		4	Lean (L)	Private	Preserve	
408	Norway Maple	*Acer platanoides*	32.5	F-G	G	F-G		4	Lean (L)	Private	Preserve	
409	Norway Maple	*Acer platanoides*	48, 33.5	P	G	F-G		5	Union at 1m, larger stem has canker (H)	Private	Preserve	
410	Norway Maple	*Acer platanoides*	45	F-G	G	F-G		5	Sweep (L), crook (L)	Private	Preserve	
411	Norway Maple	*Acer platanoides*	44.5, 32.5	P	F-G	F	20	5	Union at base, canker (M) on larger stem with crack, seam (M)	Private	Preserve	
412	Norway Maple	*Acer platanoides*	71	F	F-G	F-G		6	Union at 1.7m, bow (L), crook (M), sweep (M)	Private	Preserve	
413	Norway Maple	*Acer platanoides*	41	F-G	G	F-G		4	Sweep (L), crook (L), lean (L)	Private	Preserve	
414	Norway Maple	*Acer platanoides*	22.5	F-G	F-G	F-G		3	Bow (L), crook (M), asymmetrical crown (M)	Private	Preserve	
415	Norway Spruce	*Picea abies*	83	G	G	F-G		4		Private	Preserve	
416	Norway Spruce	*Picea abies*	83	F-G	G	F-G		4	Lean (L)	Private	Preserve	
417	Norway Spruce	*Picea abies*	63.5	F-G	G	F	15	4	Dead branches (L)	Private	Preserve	
418	Norway Spruce	*Picea abies*	66.5	G	G	F-G		4		Private	Preserve	
419	Norway Spruce	*Picea abies*	50	G	G	F-G		3		Private	Preserve	
420	Norway Spruce	*Picea abies*	83.5	G	G	F-G		4		Private	Preserve	
421	Norway Maple	*Acer platanoides*	67.5	F-G	G	F-G		7	Lean (L), union at 2m with 5 stems	Private	Preserve	
422	Norway Maple	*Acer platanoides*	62.5	F-G	G	F-G		6	Lean (L)	Private	Preserve	
423	Norway Spruce	*Picea abies*	72	G	G	F-G		4		Private	Preserve	
424	Norway Spruce	*Picea abies*	61	F-G	G	F-G		4	Union at 2m	Private	Preserve	
425	Norway Spruce	*Picea abies*	65.5	G	G	F-G		4		Private	Preserve	
426	Norway Spruce	*Picea abies*	82	F-G	G	F-G		4	Co-dominance at 4m	Private	Preserve	
427	Blue Spruce	*Picea pungens*	42	G	G	F-G		2		Private	Preserve	

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
428	Blue Spruce	*Picea pungens*	46	G	G	F		3	Sparse crown (M)	Private	Preserve	
429	Blue Spruce	*Picea pungens*	35	G	G	G		3		Private	Remove	3
430	Blue Spruce	*Picea pungens*	36	G	G	G		3		Private	Remove	3
431	Blue Spruce	*Picea pungens*	35	G	G	G		3		Private	Remove	3
432	Blue Spruce	*Picea pungens*	33	G	G	F		3	Lean (L), sparse crown (M)	Private	Remove	2
433	Blue Spruce	*Picea pungens*	33	G	G	G		3		Private	Remove	2
434	Blue Spruce	*Picea pungens*	32	G	G	G		3		Private	Remove	2
435	Blue Spruce	*Picea pungens*	33	G	G	G		3		Private	Remove	2
436	Sugar Maple	*Acer saccharum*	53	F-G	G	G		5	Co-dominance at 2m with 9 stems	Private	Remove	4
437	Blue Spruce	*Picea pungens*	18	G	G	G		1		Private	Preserve	
438	Blue Spruce	*Picea pungens*	18	G	G	G		1		Private	Preserve	
439	White Spruce	*Picea glauca*	11	G	G	G		1.5		Private	Preserve	
440	Blue Spruce	*Picea pungens*	18	G	G	G		1.5		Private	Preserve	
441	Blue Spruce	*Picea pungens*	16	G	G	G		1.5		Private	Preserve	
442	Blue Spruce	*Picea pungens*	22	G	G	G		1.5		Private	Preserve	
443	Blue Spruce	*Picea pungens*	20	G	G	G		1.5		Private	Remove	1
444	Blue Spruce	*Picea pungens*	16	G	G	G		1		Private	Remove	1
445	Norway Maple	*Acer platanoides*	49.5, 48	F	G	F	20	5	Union at 1m and 1.6m with 5 stems, dead branches (L)	Private	Remove	3
446	Norway Maple	*Acer platanoides*	50.5	F-G	G	F-G		5	Co-dominance at 1.8m, union at 1.6m	Private	Remove	3
447	Silver Maple	*Acer saccharinum*	69.5	F-G	G	F-G		7	Union at 2m, epicormic branches (M)	Private	Remove	5
448	Silver Maple	*Acer saccharinum*	47	F-G	G	F	25	5	Union at 1.6m, broken branches (L), dead branches (L)	Private	Remove	3
449	Silver Maple	*Acer saccharinum*	55	F-G	G	F-G	10	5	Union at 1.5m with 7 stems	Private	Remove	4
450	Silver Maple	*Acer saccharinum*	44, 32, 24	F	G	F	20	6	Union at 1m, dead branches (L)	Private	Remove	3
451	Silver Maple	*Acer saccharinum*	51	F-G	G	F	20	5	Co-dominance at 2m with 3 stems, dead branches (L)	Private	Remove	4
452	Norway Maple	*Acer platanoides*	31	G	G	F-G		4	Tar spots (L)	Private	Remove	2
453	Norway Maple	*Acer platanoides*	31, 28	F-G	G	F-G		4	Co-dominance at 0.5m, girdling roots, tar spots (L)	Private	Remove	2
454	Norway Maple	*Acer platanoides*	45.5	F-G	G	F-G		5	Co-dominance at 2m, tar spots (L)	Private	Remove	3
455	Norway Maple	*Acer platanoides*	41.5	G	G	F-G		4	Tar spots (L)	Private	Remove	3
456	Crimson King Maple	*Acer platanoides 'Crimson King'*	17	G	G	F		2		Private	Remove	1

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
457	Black Walnut	*Juglans nigra*	36	F-G	G	G		4	Co-dominance at 2m with included bark (M)	Private	Remove	3
458	Black Walnut	*Juglans nigra*	38	F-G	G	G		4	Co-dominance at 4m	Private	Remove	3
459	Norway Maple	*Acer platanoides*	54, 46	F	G	F-G		5	Union at 1.2m, rot on broken branches (M)	Private	Preserve	
460	Norway Maple	*Acer platanoides*	50	F-G	G	F-G	15	5	Broken branches (L), tar spots (L), union at 1.8m with 6 stems	Private	Preserve	
501	White Fir	*Abies concolor*	~22	G	G	P	40	1.5	Dead leader, dead branches (M)	Private	Remove	0
502	Norway Maple	*Acer platanoides*	26	G	G	F-G		3	Tar spots (L)	Private	Remove	2
503	Norway Maple	*Acer platanoides*	33	G	G	F-G		3	Tar spots (L)	Private	Remove	2
504	Crimson King Maple	*Acer platanoides 'Crimson King'*	15	G	G	G		2	Tar spots (L)	Private	Remove	1
505	Norway Maple	*Acer platanoides*	35	G	G	F-G		3	Tar spots (L)	Private	Remove	2
506	Norway Maple	*Acer platanoides*	34	G	G	F-G		3	Tar spots (L)	Private	Remove	2
507	Norway Maple	*Acer platanoides*	21	P-F	G	F-G		2	Stem wound (M)at base with rot, tar spots (L)	Private	Remove	0
508	Silver Maple	*Acer saccharinum*	34.5, 24.5	F-G	F	P-F	30	4	Union at 1m with included bark (L), epicormic branches (H), dead branches (M)	Private	Remove	0
509	Norway Maple	*Acer platanoides*	18	G	G	G		3	Tar spots (L)	Private	Remove	1
510	Norway Maple	*Acer platanoides*	17	G	G	G		2	Tar spots (L)	Private	Remove	1
511	Norway Maple	*Acer platanoides*	34	P	P	P	90	1	Almost dead, only one lower branches alive, missing bark, hazard	Private	Remove	0
512	Norway Maple	*Acer platanoides*	16	P-F	G	F-G		2	Lean (L), frost crack (H) with rot, epicormic branches (M)	Private	Remove	0
513	Silver Maple	*Acer saccharinum*	44.5, 30	F	G	F-G		5	Co-dominance at 0.6m with included bark (L), epicormic branches (M)	Private	Remove	3
514	Silver Maple	*Acer saccharinum*	76.5	F-G	G	F-G		5	Co-dominance at 3m, epicormic branches (M)	Private	Remove	5
515	Honey Locust (shademaster)	*Gleditsia triacanthos 'inermis'*	26	G	G	F	15	4	Lean (VL)	Private	Remove	2
516	Crimson King Maple	*Acer platanoides 'Crimson King'*	26.5	G	G	F-G		2		Private	Remove	2
517	Ivory Silk Lilac	*Syringa reticulata 'Ivory Silk'*	22.5	G	G	G		2		Private	Remove	2
518	Norway Maple	*Acer platanoides*	56.5	P-F	G	F-G		4	Cavity at 1.6m, tar spots (L)	Private	Remove	0

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
519	White Birch	*Betula papyrifera*	28.5, 24, 13.5	F-G	G	F-G		4	Union at base, lean (L)	Private	Remove	2
520	Amur Maple	*Acer ginnala*	14, 12, <10	G	G	G		2	Union at base with 5 stems	Private	Remove	1
521	Amur Maple	*Acer ginnala*	14.5, <10	G	G	G		2	Union at 0.3m with 7 stems	Private	Remove	1
522	Apple	*Malus spp.*	11.5	G	G	P-F	30	2	Sparse crown (H), dead bran	Private	Remove	0
523	Amur Maple	*Acer ginnala*	15, 13, 13, 13	G	G	F-G		3	Union at base, epicormic branches (M)	Private	Remove	1
524	Blue Spruce	*Picea pungens*	34	G	G	G		2		Private	Remove	2
525	Blue Spruce	*Picea pungens*	29	F-G	G	F		1	Sweep (L)	Private	Remove	2
526	Blue Spruce	*Picea pungens*	33	G	G	P-F	20	2	Sparse crown (M), in decline	Private	Remove	0
527	Blue Spruce	*Picea pungens*	25	G	G	F		1.5	Epicormic branches (L), sweep (L)	Private	Remove	2
528	Silver Maple	*Acer saccharinum*	55, 48	F-G	G	F-G	10	6	Co-dominance at 1m with included bark (M), epicormic branches (M)	Private	Remove	4
529	Silver Maple	*Acer saccharinum*	80.5	F-G	G	F-G		6	Co-dominance at 1.8m, epicormic branches (M)	Private	Remove	5
530	Silver Maple	*Acer saccharinum*	50, 38, 30	F-G	G	F-G	5	6	Union at 1m	Private	Remove	3
531	Columnar Weeping Copper Beech	*Fagus sylvatica 'Purple Fountain'*	13	G	G	G		1		Private	Remove	1
532	False Cypress	*Chamaecyparis spp.*	11	G	G	G		1		Private	Remove	1
533	Ginkgo	*Ginkgo biloba*	15.5	F-G	G	F-G		1.5	Co-dominance at 1.8m	Private	Remove	1
534	Red Oak	*Quercus rubra*	15	G	G	G		2		Private	Remove	1
535	Corkscrew Willow	*Salix matsudana*	18, 16, 16, 13, <10	G	G	P-F	40	2	Union at base with 7 stems	Private	Remove	0
536	Norway Maple	*Acer platanoides*	30	G	G	G		4	Tar spots (L)	Private	Remove	2
537	Norway Maple	*Acer platanoides*	34	G	G	G		3	Tar spots (L)	Private	Remove	2
538	Norway Maple	*Acer platanoides*	39	G	G	G		3	Tar spots (L)	Private	Remove	3
539	European Beech	*Fagus sylvatica*	14, 13, 10	G	G	G		2	Union at 0.3m	Private	Remove	1
540	Austrian Pine	*Pinus nigra*	54	G	G	F-G		4	Diplodia (L)	Private	Remove	4
541	Austrian Pine	*Pinus nigra*	47	F-G	G	F-G		3	Lean (L), sweep (L), union at 2m	Private	Remove	3
542	Austrian Pine	*Pinus nigra*	32, 26	P-F	G	F-G		4	Union at base, larger stem lean (H) then grow upward, poor form, sweep (L)	Private	Remove	0
543	Austrian Pine	*Pinus nigra*	39	G	G	F-G		3	Lean (L)	Private	Remove	3
544	Austrian Pine	*Pinus nigra*	56	G	G	F-G		4	Sweep (L)	Private	Remove	4
545	Norway Spruce	*Picea abies*	64.5	G	G	F-G		4		Private	Remove	4
546	Norway Spruce	*Picea abies*	47.5	G	G	F-G		3		Private	Remove	3

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
547	Norway Spruce	*Picea abies*	53.5	G	G	F	20	3		Private	Remove	4
548	Norway Spruce	*Picea abies*	49	F	G	F		3	Exposed roots (M)with wounds, fruiting bodies at base, growth deficit (L)	Private	Remove	3
549	Norway Spruce	*Picea abies*	47.5	G	G	P-F	30	3	Exposed roots (M)with wounds, fruiting bodies near base, in decline	Private	Remove	0
550	Austrian Pine	*Pinus nigra*	47.5	G	G	G		3	Sweep (L)	Private	Remove	3
551	Austrian Pine	*Pinus nigra*	31	G	F	G		2	Asymmetrical crown (H)	Private	Remove	2
552	Silver Maple	*Acer saccharinum*	27, 18	F-G	G	G		3	Union at 0.8. with included bark (M)	Private	Remove	2
553	White Birch	*Betula papyrifera*	13, 10, 8	G	G	G		2	Union at base	Private	Remove	1
554	White Birch	*Betula papyrifera*	12, 10.5, 8	G	G	G		2	Union at base	Private	Remove	1
555	White Birch	*Betula papyrifera*	17.5, 9.5	G	G	G		2	Union at base, sweep (L)	Private	Remove	1
556	White Birch	*Betula papyrifera*	13, 10, 8	G	G	G		2	Union at base	Private	Remove	1
557	White Birch	*Betula papyrifera*	12, 10.5, 10	G	G	G		2	Union at base	Private	Remove	1
558	Eastern White Cedar	*Thuja occidentalis*	20, 19	F-G	G	F-G		2	Union at 0.2m	Private	Remove	1
559	Tamarack	*Larix laricina*	19	G	G	G		2		Private	Remove	1
560	White Spruce	*Picea glauca*	22	G	G	G		2		Private	Remove	2
561	White Spruce	*Picea glauca*	22	G	G	G		2		Private	Remove	2
562	Austrian Pine	*Pinus nigra*	48	F-G	G	F-G		3	Lean (L), sweep (L)	Private	Remove	3
563	Austrian Pine	*Pinus nigra*	50	F-G	G	F-G		3	Co-dominance at 4m with 3 stems, sweep (L)	Private	Remove	3
564	Austrian Pine	*Pinus nigra*	49	G	G	F-G		4		Private	Remove	3
565	Silver Maple	*Acer saccharinum*	29.5	F-G	G	G		3	Co-dominance in crown	Private	Remove	2
566	White Spruce	*Picea glauca*	18	G	G	G		2		Private	Remove	1
567	White Spruce	*Picea glauca*	21	G	G	G		2		Private	Remove	2
568	White Spruce	*Picea glauca*	19	G	G	G		2		Private	Remove	1
569	Austrian Pine	*Pinus nigra*	42	F-G	G	F-G		3	Sweep (L), crook (L)	Private	Remove	3
570	Austrian Pine	*Pinus nigra*	50	F	G	F-G		3	Union at 1.5m with 3 stems	Private	Remove	3
571	Sugar Maple	*Acer saccharum*	20	G	G	F-G		2	Tar spots (L)	Private	Remove	1
572	Sugar Maple	*Acer saccharum*	17	G	G	F-G	20	2	Tar spots (L)	Private	Remove	1
573	Sugar Maple	*Acer saccharum*	18.5	G	G	G		2	Tar spots (L)	Private	Remove	1
574	Schubert Cherry	*Prunus virginiana 'Schubert'*	17	G	G	P-F	25	2	Sap oozing, dead branches (M)	Private	Remove	0
575	Sugar Maple	*Acer saccharum*	25	P	P	P	60	2	Main stem dead, only lower branches alive	Private	Remove	0
576	Sugar Maple	*Acer saccharum*	20.5	G	G	F-G		2		Private	Remove	1

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
577	Sugar Maple	*Acer saccharum*	28	P-F	G	F-G		2	Seam (L) with vertical crack	Private	Remove	0
578	Silver Maple	*Acer saccharinum*	14, 13, 13, 11, <10	F-G	G	G		3	Union at base with 7 stems	Private	Preserve	
579	Willow	*Salix spp.*	13	G	G	G		2		Private	Preserve	
580	Willow	*Salix spp.*	18	F-G	G	G		2	Union at 1.8m	Private	Preserve	
581	Willow	*Salix spp.*	21, 18	F-G	G	G		2	Co-dominance at 1m	Private	Preserve	
582	Willow	*Salix spp.*	32	G	G	G		3	Epicormic branches (H)	Private	Preserve	
583	Willow	*Salix spp.*	28	G	G	G		3		Private	Preserve	
584	Willow	*Salix spp.*	13, 12, 8	G	G	G		3	Union at base	Private	Preserve	
585	Willow	*Salix spp.*	12, 9	G	G	G		2	Union at 0.5m	Private	Preserve	
586	Crimson King Maple	*Acer platanoides 'Crimson King'*	18	F	G	F		2	Seam (M), chlorosis (H)	Private	Remove	1
587	Crimson King Maple	*Acer platanoides 'Crimson King'*	14.5	G	G	F		2	Chlorosis (H)	Private	Remove	1
588	Crimson King Maple	*Acer platanoides 'Crimson King'*	16	F	G	F		1.5	Seam (M), chlorosis (H)	Private	Remove	1
589	Crimson King Maple	*Acer platanoides 'Crimson King'*	12	F	G	F		1	Seam (M), chlorosis (H)	Private	Remove	1
590	Crimson King Maple	*Acer platanoides 'Crimson King'*	11	F-G	G	F		1	Seam (L), chlorosis (H)	Private	Remove	1
591	Crimson King Maple	*Acer platanoides 'Crimson King'*	21	P-F	G	F		2	Frost crack (H), chlorosis (H)	Private	Remove	0
592	Crimson King Maple	*Acer platanoides 'Crimson King'*	14.5	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
593	Crimson King Maple	*Acer platanoides 'Crimson King'*	17	F	G	F		2	Seam (M), spiral stem, chlorosis (H)	Private	Remove	1
594	Crimson King Maple	*Acer platanoides 'Crimson King'*	14	P	G	F		1	Frost crack (H) with rot, chlorosis (H), crook (L)	Private	Remove	0
595	Crimson King Maple	*Acer platanoides 'Crimson King'*	10	G	G	F		1	Chlorosis (H), ts (M)	Private	Remove	1
596	Crimson King Maple	*Acer platanoides 'Crimson King'*	15	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
597	Crimson King Maple	*Acer platanoides 'Crimson King'*	15.5	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
598	Crimson King Maple	*Acer platanoides 'Crimson King'*	15.5	G	G	F		1.5	Chlorosis (H)	Private	Remove	1
599	Crimson King Maple	*Acer platanoides 'Crimson King'*	13	G	G	F		1	Chlorosis (H)	Private	Remove	1
600	Blue Spruce	*Picea pungens*	18	G	G	G		1.5		Private	Remove	1

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action	Comp.
A	Apple	*Malus spp.*	~20-30, (avg. 23)	F	G	F		4	1m fp, union at 1m, epicormic branches (H)	Neighbour	Preserve	
B	Honey Locust (shademaster)	*Gleditsia triacanthos 'inermis'*	~55	G	G	F-G		4	Coppice growth (M)at base, rot on pruning wound (M)	Neighbour	Preserve	
C	Northern Catalpa	*Catala speciosa*	~60	F-G	G	G		4	Co-dominance at 3m, sweep (L)	Neighbour	Preserve	
D	Blue Spruce	*Picea pungens*	35	F-G	G	G		2	Sweep (L)	Neighbour	Preserve	
E	Blue Spruce	*Picea pungens*	~35	P	P	F		2	Lost leader at 3m	Neighbour	Preserve	
F	Norway Spruce	*Picea abies*	~35	G	G	G		2		Neighbour	Preserve	
G	Norway Spruce	*Picea abies*	~35	G	G	G		2		Neighbour	Preserve	
H	Silver Maple	*Acer saccharinum*	~75	F	G	F	15	6	Co-dominance at 2m with 7 stems	Neighbour	Preserve	
I	Silver Maple	*Acer saccharinum*	~20	G	G	G		2	beside fence	Neighbour	Preserve	
P1	see Table 2									Private	Remove	76
P2	Blue Spruce	*Picea pungens*	6-10 (avg. 8)	G	G	G		1.5	15 trees	Private	Preserve	
P3	Freeman Maple	*Acer x freemanii*										
	Copper Beech	*Fagus sylvatica f.Purpurea*	<10	G	G	G		1	4 trees in row along fence	Neighbour	Preserve	
											TOTAL	357

Codes		
DBH	Diameter at Breast Height	*(cm)*
TI	Trunk Integrity	*(G, F, P)*
CS	Crown Structure	*(G, F, P)*
CV	Crown Vigor	*(G, F, P)*
CDB	Crown Dieback	*(%)*
DL	Dripline (Diameter)	*(m)*
Comp.	Compensation planting	
P = poor, F = fair, G = good, ~ = estimate, (VL) = very light, (L) = light, (M) = moderate, (H) = heavy		

Table 2. Tally for Tree Polygon P1

Location: 12506-12698 Heart Lake Road, Caledon
Date: 27-Aug-25
Surveyor: KH

Stand Analysis Tally (by Species, Size Class and Quality Class) P1
100% tally

Tree Size Class >>>>	10-20 cm		21-35 cm		36-50 cm		51-65 cm		>65 cm		TOTAL	
Species	***Fair/Good***	***Poor***	***Fair/Good***	***Poor***	***Fair/Good***	***Poor***	***Fair/Good***	***Poor***	***Fair/Good***	***Poor***	***Fair/Good***	***Poor***
Silver Maple (*Acer saccharinum*)	0	0	12	2	16	3	1	0	0	0	***29***	***5***
Compensation	0	0	24	0	48	0	4	0	0	0	***76***	***0***

Description A row of Silver Maple with buckthorns, majority have co-dominant stems

Appendix A. Photographs of Trees

Image 1. Tree 501

Image 2. Tree 502

Image 3. Tree 503

Image 4. Tree 504

Image 5. Tree 505

Image 6. Tree 506

Image 7. Tree 507

Image 8. Tree 508

Image 9. Tree 509

Image 10. Tree 511

Image 11. Tree 512

Image 12. Trees 513 (right) and 514

Image 13. Tree 515

Image 14. Trees 516 (right) and 517

Image 15. Tree 518 (right) and

Image 16. Tree 518 – main stem

Image 17. Tree 519

Image 18. Trees 520 (left) and 521

Image 19. Tree 522

Image 20. Tree 523

Image 21. Tree 524

Image 22. Tree 525

Image 23. Tree 526

Image 24. Trees 527 (left) and 528

Image 25. Tree 529

Image 26. Tree 530

Image 27. Trees 531 (left) and 532

Image 28. Tree 533

Image 29. Tree 534

Image 30. Tree 535

Image 31. Tree 536

Image 32. Tree 537

Image 33. Tree 538

Image 34. Tree 539

Image 35. Trees 540-544 (from left)

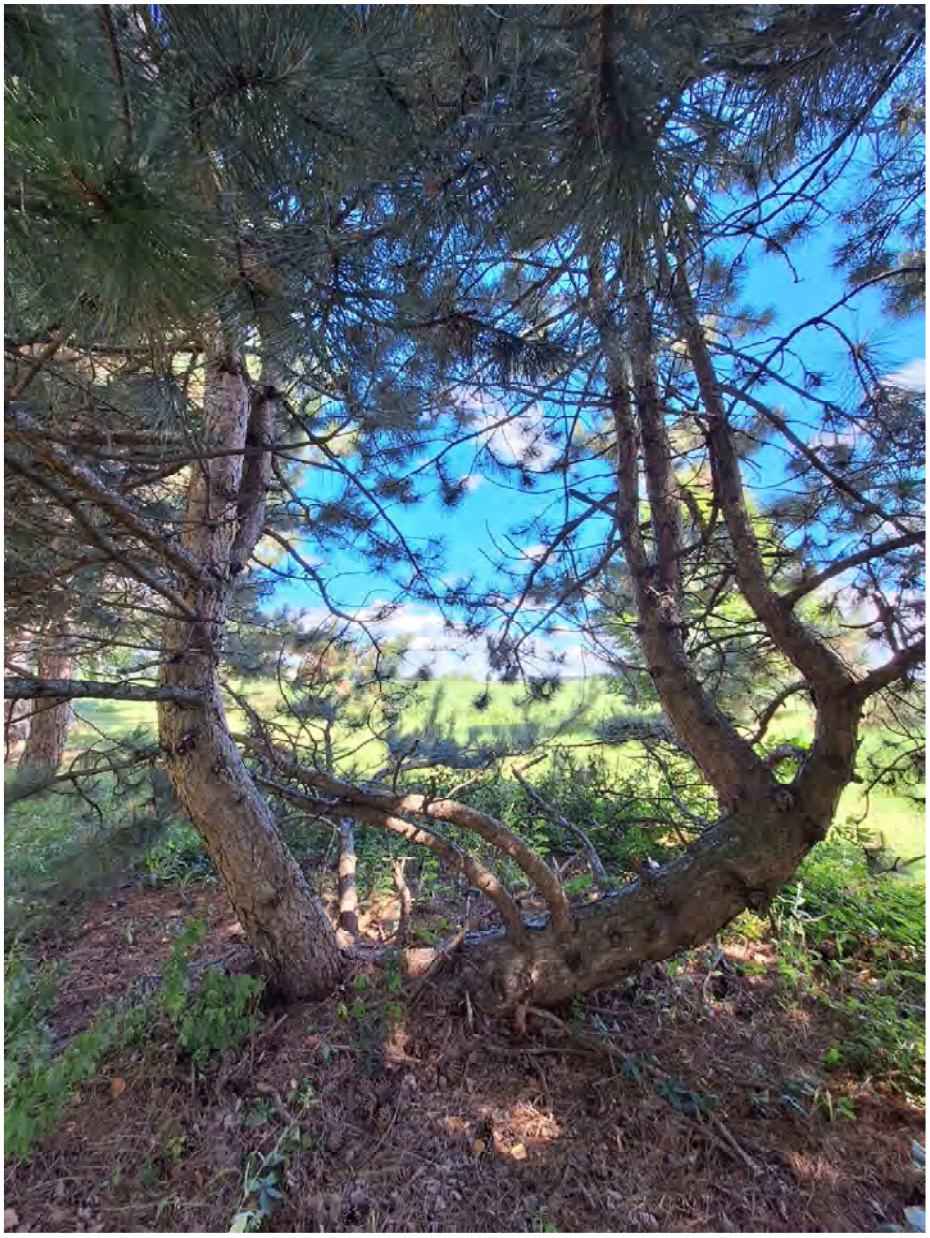


Image 36. Tree 542 – base

Image 37. Trees 545 (left) and 546

Image 38. Trees 546-549 (from left)

Image 39. Trees 550 (left) and 551

Image 40. Tree 552

Image 41. Trees 553-557 (from left)

Image 42. Tree 558

Image 43. Trees 559-561 (from left)

Image 44. Trees 562-564 (from left)

Image 45. Trees 565 (left) and 566

Image 46. Trees 569 (right) and 570

Image 47. Trees 567 (left) and 568

Image 48. Trees 571 (left) and 572

Image 49. Tree 573

Image 50. Trees 574 (right) and 575

Image 51. Tree 578

Image 52. Trees 579 (left) and 580

Image 53. Trees 581 (left) and 582

Image 54. Tree 583

Image 55. Tree 584

Image 56. Tree 585

Image 57. Tree A

Image 58. Trees B (right) and C

Image 59. Trees D-G (from right)

Image 60. Tree H

Image 61. Tree I

Image 62. Tree P1 on the north side

Image 63. Tree P1 on the west side

Image 64. Trees 585 (right) and 586

Image 65. Tree 587

Image 66. Tree 588

Image 67. Tree 589

Image 68. Tree 590

Image 69. Tree 591

Image 70. Tree 592

Image 71. Tree 594

Image 72. Tree 595

Image 73. Tree 596

Image 74. Tree 597

Image 75. Tree 598

Image 76. Tree 599

Image 77. Trees 600, 351-354 (from right)

Image 78. Tree 355

Image 79. Tree 356

Image 80. Tree 357

Image 81. Tree 358

Image 82. Trees 359-361 (from left)

Image 83. Trees 362-364 (from left)

Image 84. Trees 365-367 (from left)

Image 85. Trees 368-370 (from left)

Image 86. Trees 371 (left) and 372

Image 87. Trees 373 (left) and 374

Image 88. Trees 375 (left) and 376

Image 89. Tree 377

Image 90. Tree 378

Image 91. Trees 379-381 (from left)

Image 92. Trees 382 (right) and 383

Image 93. Trees 384 (right) and 385

Image 94. Tree 386

Image 95. Trees 387 (right) and 388

Image 96. Trees 389-393 (from right)

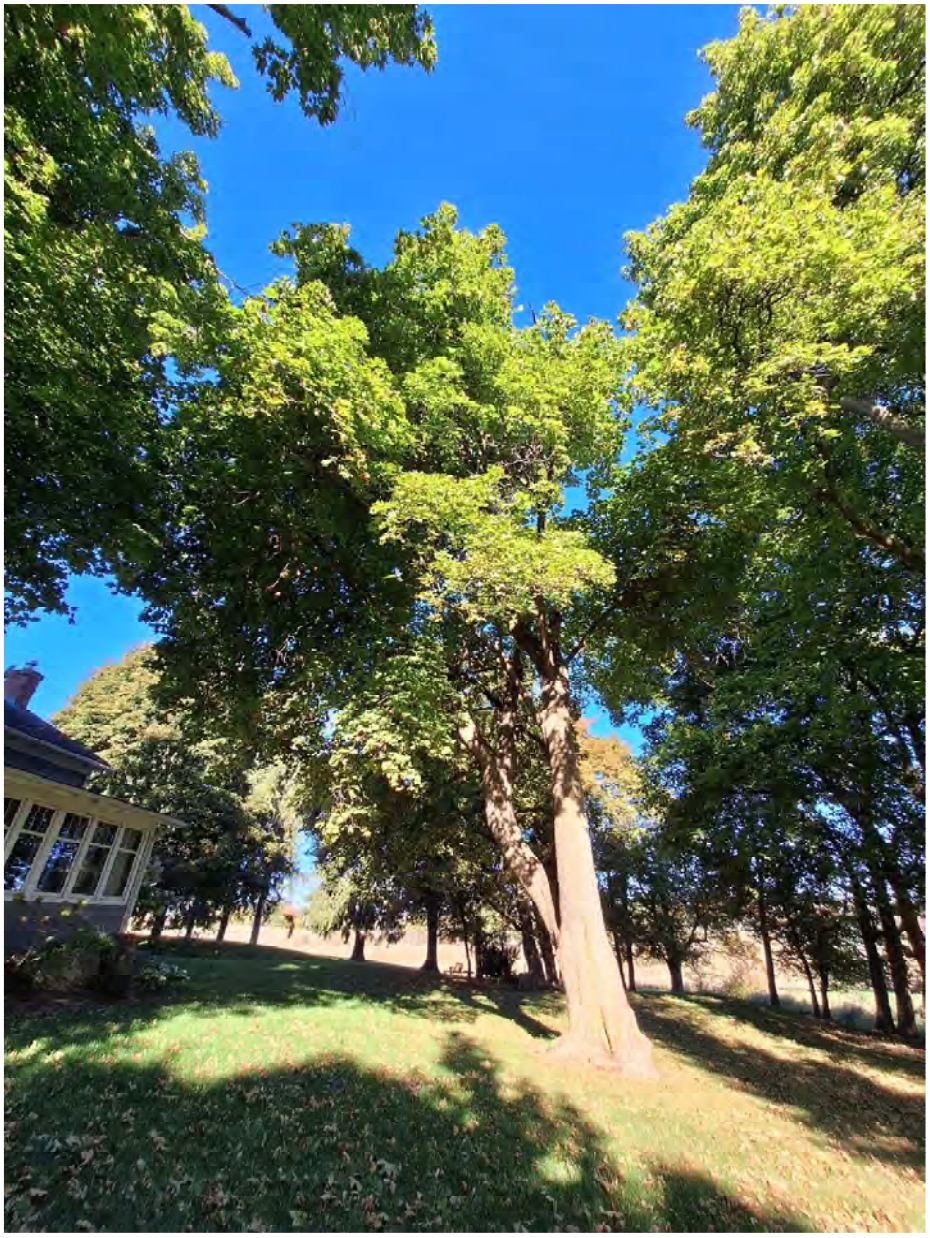


Image 97. Tree 394

Image 98. Tree 394 – base

Image 99. Tree 397

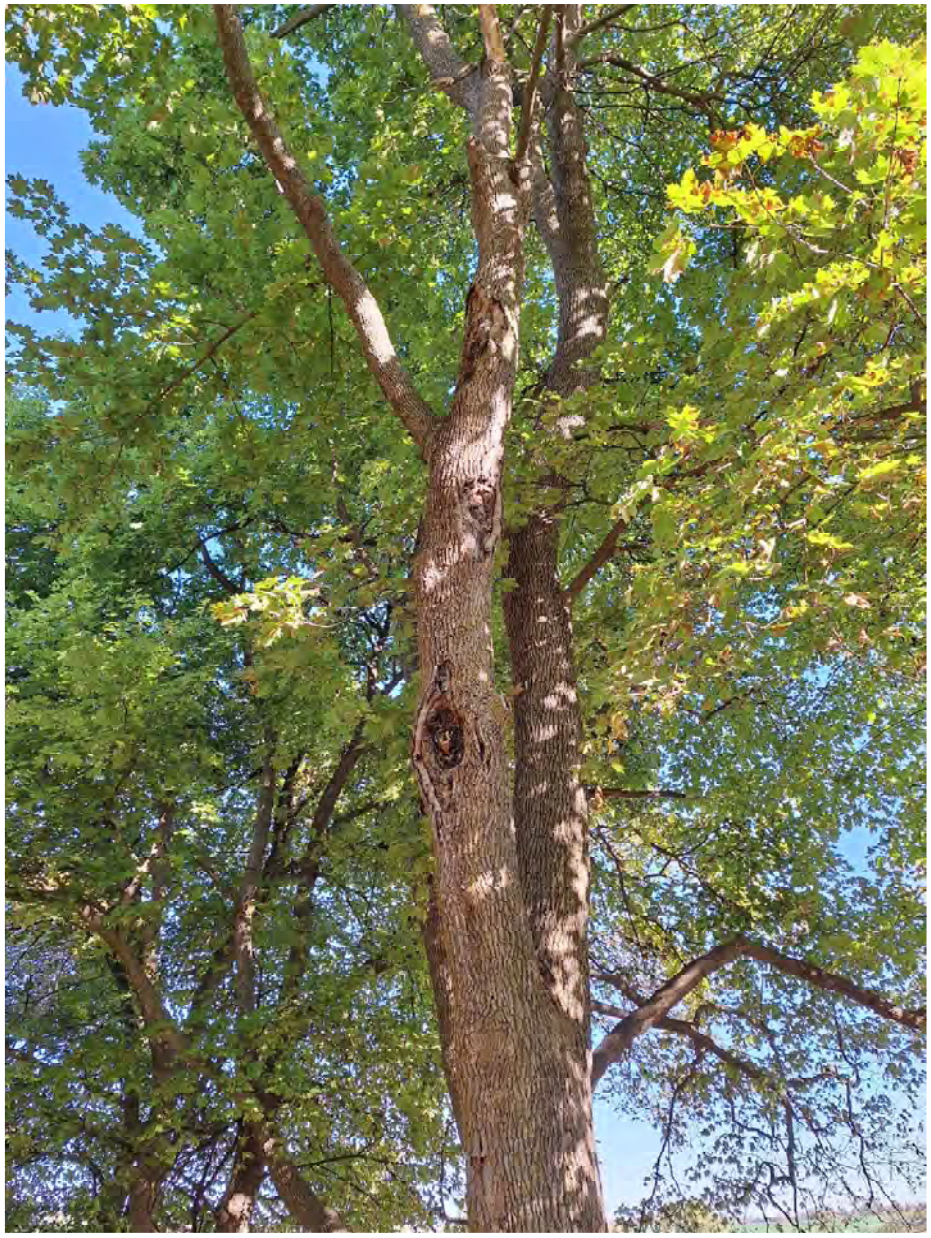


Image 100. Tree 397 – cankers

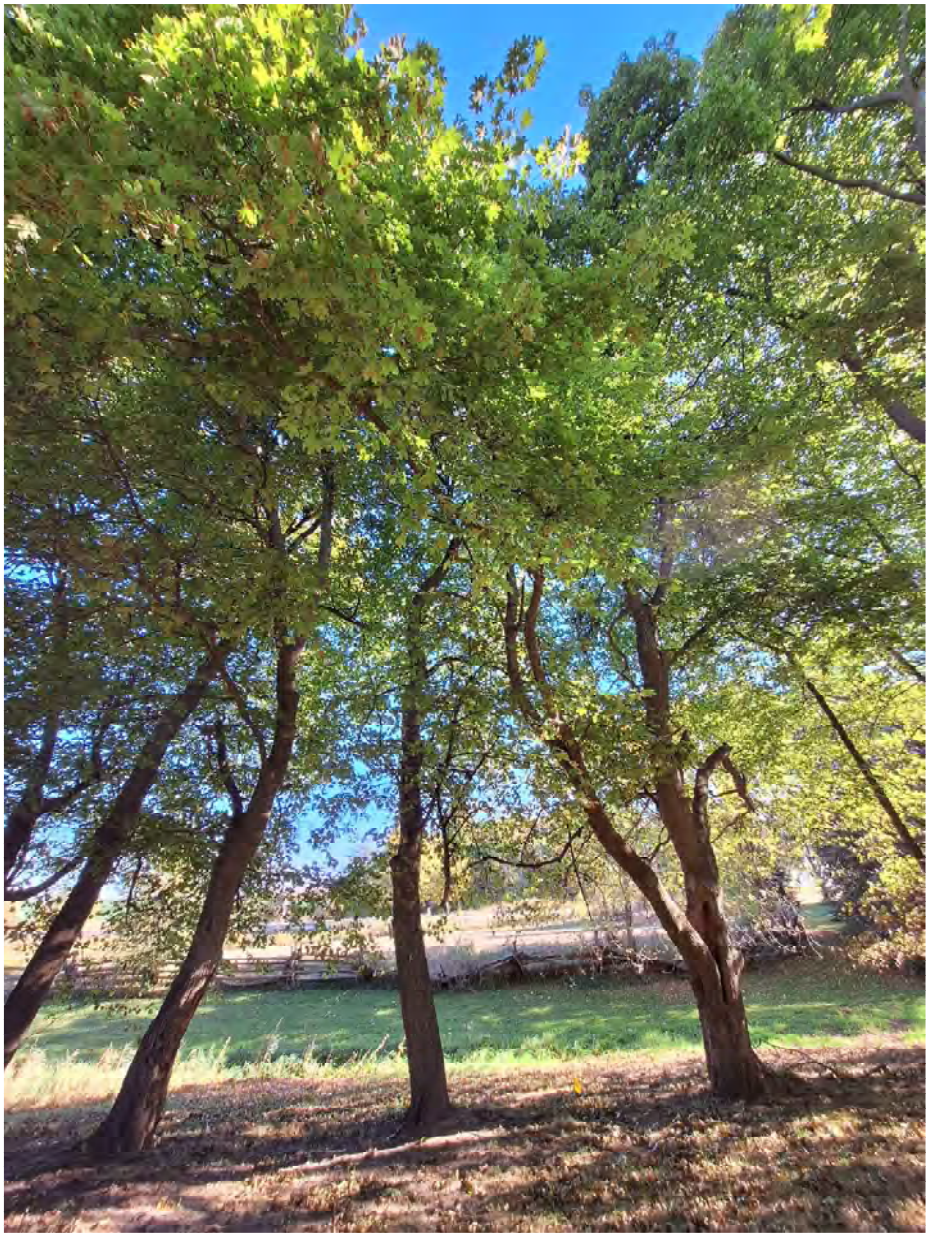


Image 101. Trees 398-400 (from right)

Image 102. Tree 398 – lower stem

Image 103. Tree 400 – canker

Image 104. Trees 401-405 (from right)

Image 105. Trees 406-408 (from right)

Image 106. Tree 409

Image 107. Tree 409 – lower stem

Image 108. Trees 410 (right) and 411

Image 109. Tree 411 – lower stem

Image 110. Tree 412

Image 111. Trees 413-416 (from right)

Image 112. Trees 417-420 (from right)

Image 113. Tree 421

Image 114. Tree 422

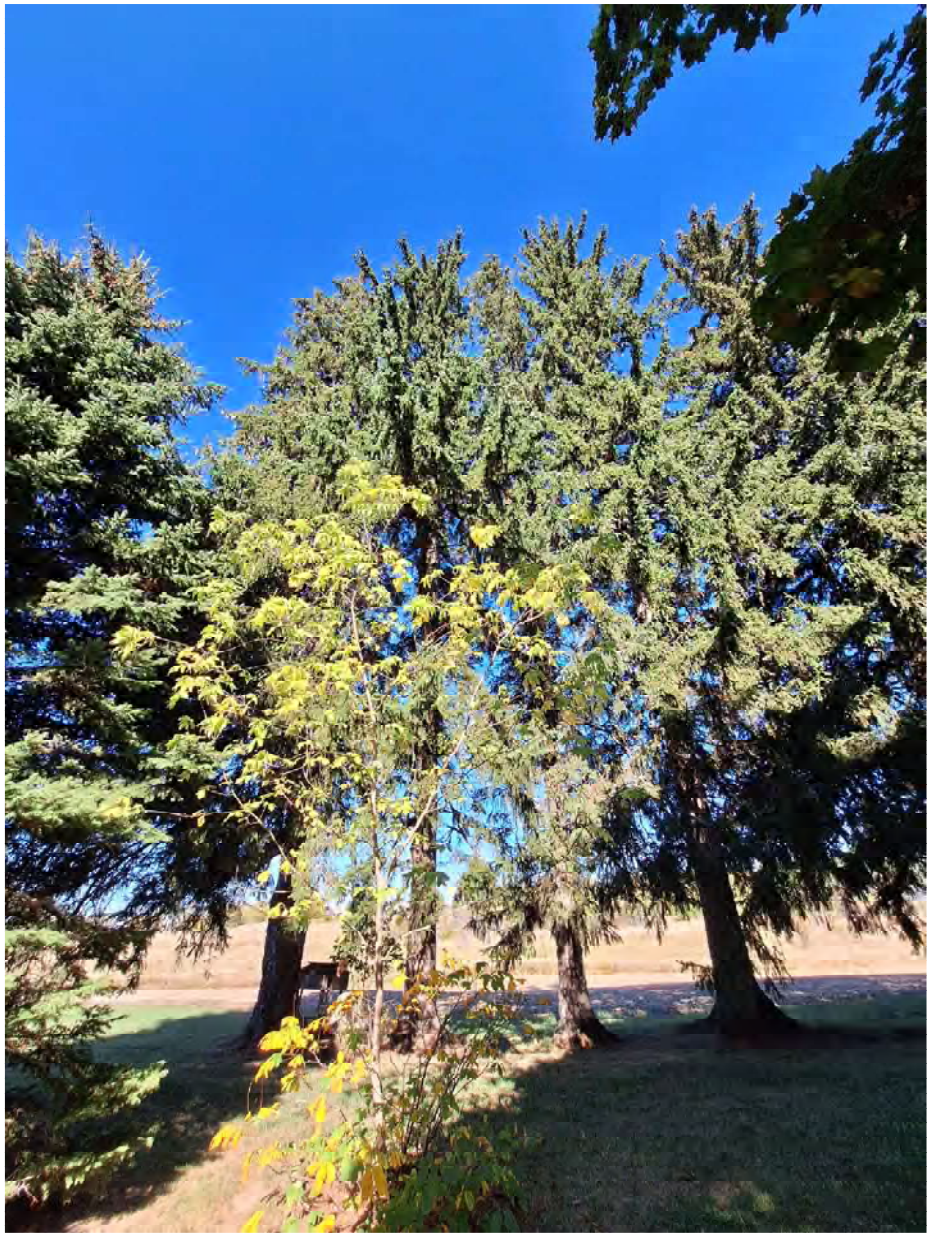


Image 115. Trees 423-426 (from right)

Image 116. Trees 427 (right) and 428

Image 117. Trees 429-432 (from right)

Image 118. Trees 433-435 (from right)

Image 119. Tree 436

Image 120. Trees 437-439 (from right)

Image 121. Trees 440-444 (from right)

Image 122. Tree 445

Image 123. Trees 446-448 (from right)

Image 124. Trees 449-451 (from right)

Image 125. Trees 452-454 (from right)

Image 126. Tree 455

Image 127. Tree 456

Image 128. Trees 457 (right) and 458

Image 129. Trees 459 (left) and 460

Image 130. The existing Red Pine Plantation Forest will be preserved with 12m buffer.

LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

- Tree label (ORANGE), recommended due to condition — X
- Tree label (RED), removal required — X
- Tree label (GREEN), preservation recommended — X
- Surveyed Tree Location
- Tree Location Surveyed by KFCI
- Dripline (CYAN circle)
- Location of Tree Preservation Fencing (Thick MAGENTA)
- TRCA regulated land (Thick PURPLE)
- Greenbelt Boundary (Thick dark GREEN)
- Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct, '25	KH

Base Data: J. D. Barnes Ltd. (topo)

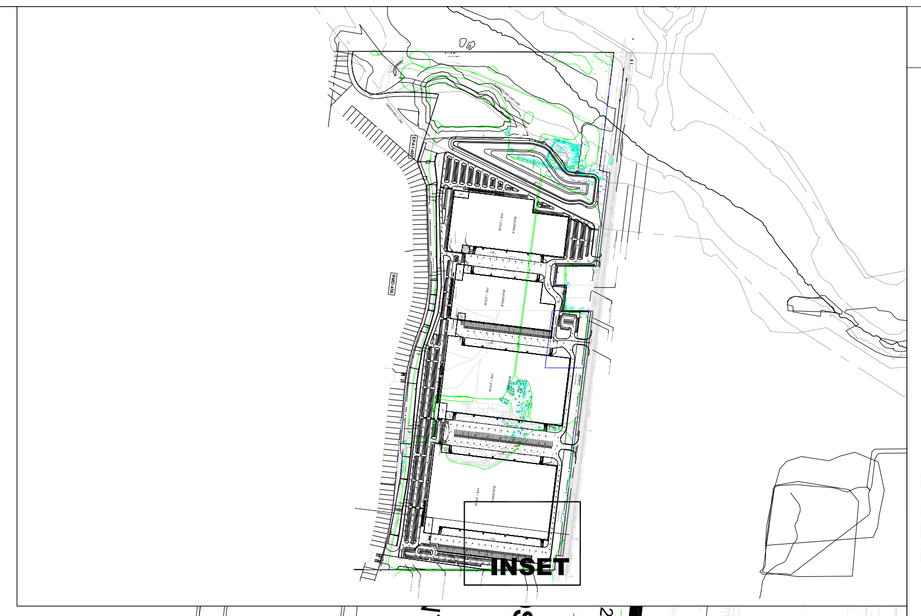
KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure 1/7
Date	14 October 2025	
Scale	1:350	



LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

- Tree label (ORANGE), recommended due to condition — X
- Tree label (RED), removal required — X
- Tree label (GREEN), preservation recommended — X
- Surveyed Tree Location
- Tree Location Surveyed by KFCI
- Dripline (CYAN circle)
- Location of Tree Preservation Fencing (Thick MAGENTA)
- TRCA regulated land (Thick PURPLE)
- Greenbelt Boundary (Thick dark GREEN)
- Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct, '25	KH

Base Data: J. D. Barnes Ltd. (topo)

KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure	2/7
Date	14 October 2025		
Scale	1:350		

LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

Tree label (ORANGE), recommended due to condition X

Tree label (RED), removal required X

Tree label (GREEN), preservation recommended X

Surveyed Tree Location

Tree Location Surveyed by KFCI

Dripline (CYAN circle)

Location of Tree Preservation Fencing (Thick MAGENTA)

TRCA regulated land (Thick PURPLE)

Greenbelt Boundary (Thick dark GREEN)

Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct. '25	KH

Base Data: J. D. Barnes Ltd. (topo)

KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure
Date	14 October 2025	3/7
Scale	1:350	

LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

- Tree label (ORANGE), recommended due to condition — X
- Tree label (RED), removal required — X
- Tree label (GREEN), preservation recommended — X
- Surveyed Tree Location
- Tree Location Surveyed by KFCI
- Dripline (CYAN circle)
- Location of Tree Preservation Fencing (Thick MAGENTA)
- TRCA regulated land (Thick PURPLE)
- Greenbelt Boundary (Thick dark GREEN)
- Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct, '25	KH

Base Data: J. D. Barnes Ltd. (topo)

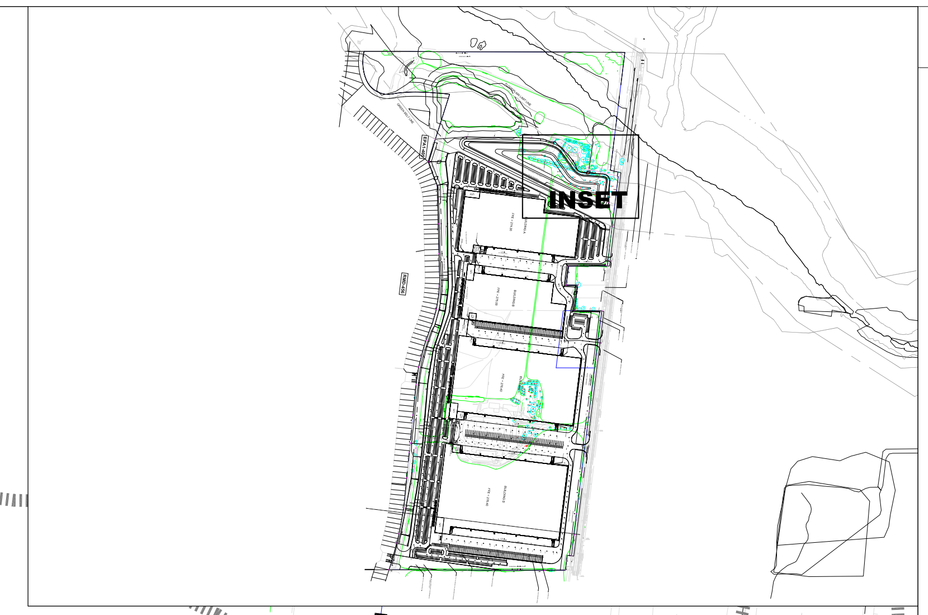
KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure	4/7
Date	14 October 2025		
Scale	1:350		



LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

- Tree label (ORANGE), recommended due to condition — X
- Tree label (RED), removal required — X
- Tree label (GREEN), preservation recommended — X
- Surveyed Tree Location
- Tree Location Surveyed by KFCI
- Dripline (CYAN circle)
- Location of Tree Preservation Fencing (Thick MAGENTA)
- TRCA regulated land (Thick PURPLE)
- Greenbelt Boundary (Thick dark GREEN)
- Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct. '25	KH

Base Data: J. D. Barnes Ltd. (topo)

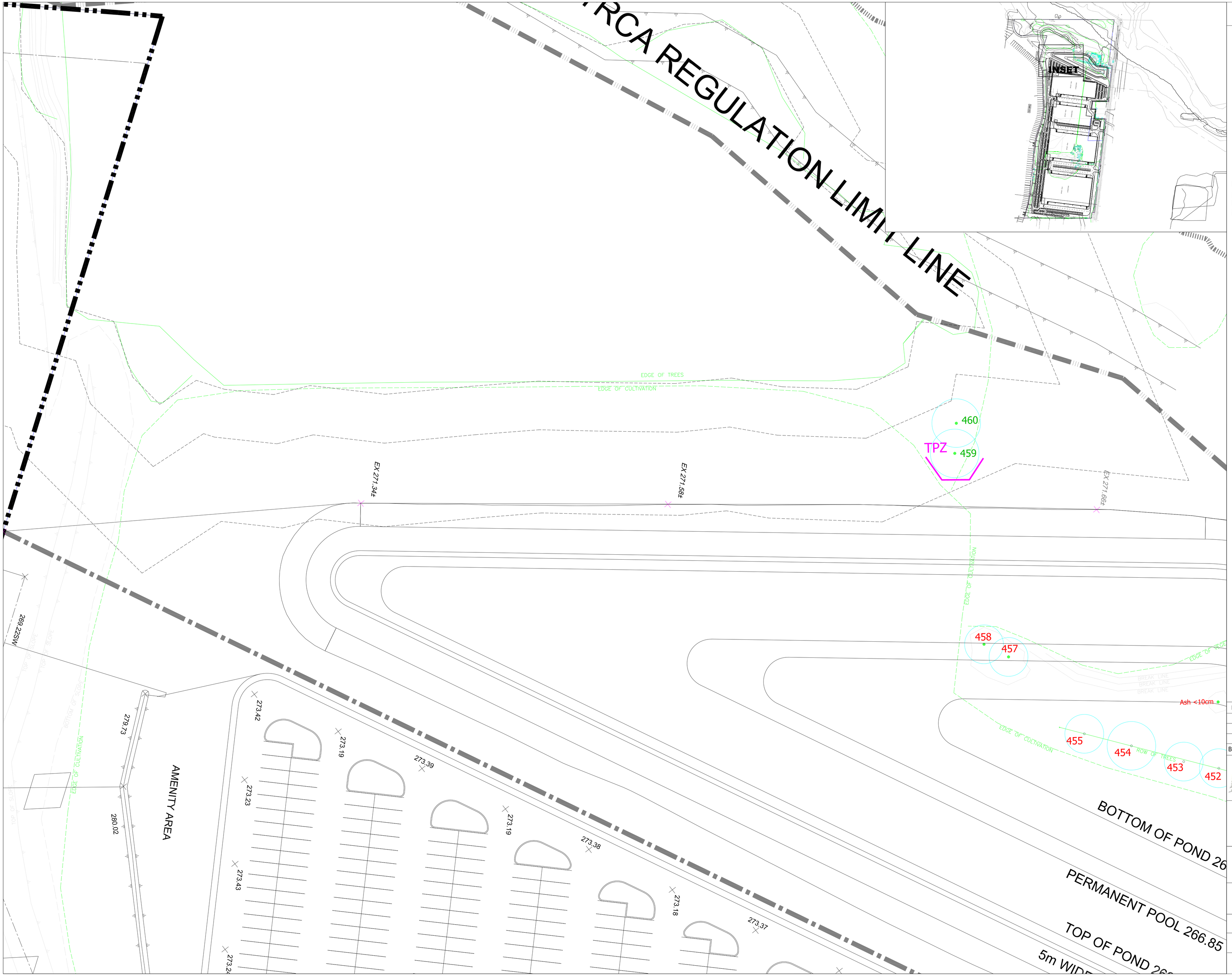
KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure	5/7
Date	14 October 2025		
Scale	1:350		



LEGEND

Tree Inventory

Refer to Table 1 of report dated 14 October 2025. Trees greater than 10cm DBH on and within six metres of the proposed development were included in the inventory.

Tree Removals

The removal of 143 trees and P1 will be required to accommodate the proposed site plan, as indicated with RED labels. Four additional trees are identified for removal due to their condition as indicated with ORANGE labels.

Tree Preservation

The preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. The location of required tree preservation fencing is indicated in MAGENTA. Refer to the Tree Protection Plan Notes and tree preservation fence detail.

- Tree label (ORANGE), recommended due to condition — X
- Tree label (RED), removal required — X
- Tree label (GREEN), preservation recommended — X
- Surveyed Tree Location
- Tree Location Surveyed by KFCI
- Dripline (CYAN circle)
- Location of Tree Preservation Fencing (Thick MAGENTA)
- TRCA regulated land (Thick PURPLE)
- Greenbelt Boundary (Thick dark GREEN)
- Property Boundary (BLUE)

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct, '25	KH

Base Data: J. D. Barnes Ltd. (topo)

KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure 6/7
Date	14 October 2025	
Scale	1:350	

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.

TREE PROTECTION ZONE
No work is permitted in the Tree Protection Zone
This includes construction works, grading, storage of trash or materials.
The tree protection barrier must not be removed without written authorization of the Town of Caledon.

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

SPECIFICATIONS continued from previous panel

C. During Construction Phase

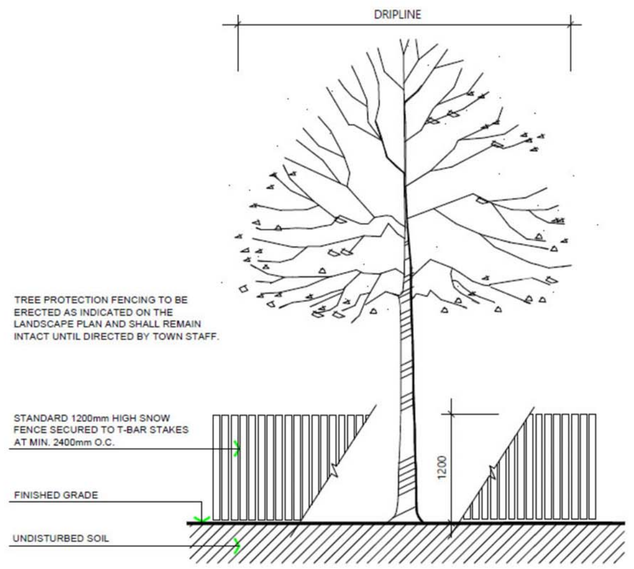
1. All areas within the TPZ shall remain undisturbed for the duration of construction. There will be no grade changes, dumping, and storage of any materials, structures or equipment within these areas. The Tree Protection Barrier must not be removed without the written authorization of the Town of Caledon.
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						
TREE PRESERVATION STANDARD NOTES - PART 2					APR'D: B.B.	DATE: AUGUST 17
					DRAWN: B.M.	SCALE: NTS
	NO.	REVISION	APR'D	DATE	STANDARD No. 711	



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

LEGEND

No.	Issue/Revisions	Date	By
1	Report Submission	14 Oct, '25	KH

Base Data: J. D. Barnes Ltd. (topo)

KUNTZ FORESTRY CONSULTING Inc.
PO Box 1267 Lakeshore W PO
146 Lakeshore Road West
Oakville ON L6K 0B3
289.837.1871
www.kuntzforestry.ca
consult@kuntzforestry.ca

Client
byPATH: Landscape Architecture Inc.

Property
12506 and 12698 Heart Lake Road
Caledon

Tree Inventory & Preservation Plan

Project	P4768	Figure
Date	14 October 2025	7/7
Scale	1:350	