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LANDSCAPE ARCHITECTURE

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TOWN OF CALEDON
PLANNING
RECEIVED

05/07/2026

ARBORIST REPORT

**TIFFANY ROX NORTH HILL LTD.
PROPOSED RESIDENTIAL SUBDIVISION
14337 HIGHWAY 50, PART 1, 43R-27826
VILLAGE OF BOLTON,
TOWN OF CALEDON, ONTARIO**

**PREPARED FOR:
TIFFANY ROX NORTH HILL LTD.
601 MAGNETIC DRIVE, UNIT 1 & 2
NORTH YORK, ONTARIO
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**PREPARED BY:
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**ISA CERTIFIED ARBORIST
MATTHEW C. GEHRES ON-1114A
OUR PROJECT NO:
26-6206**

May 5, 2026

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Enclosed: Tree Inventory and Preservation Plans (V100 & V101)

Introduction

Strybos Barron King Ltd. was retained by Tiffany Rox North Hill Ltd. to prepare and Arborist Report for the subject property in accordance with the Town of Caledon and Peel Region requirements. The purpose of this study is to determine the species, composition, character and health of existing trees and assess opportunities for preservation in relation to the proposed Draft Plan of Subdivision. The subject property is located at 14337 Highway 50 in the Village of Bolton, Town of Caledon, Ontario.

The owner is filing a Draft Plan of Subdivision application in support of a residential development on the subject property. Based on the Draft Plan of Subdivision and anticipated construction, grading and servicing works, all trees within the development areas will require removal. A total of forty-six (46) trees, subject to the Private Tree Bylaw, require removal. One (1) Peel Region owned tree will also require removal.

Site Context

The subject site is located at 14337 Highway 50, (east side of Hwy 50., north of Columbia Way) in the Village of Bolton, Town of Caledon. Currently, the subject property is composed of an existing garden center nursery, including retail space, greenhouses and existing dwelling. The remainder of the subject lands are composed of agricultural field. NHS lands have been identified at the east limit of the subject site. The inventoried trees are limited to hedgerows and groupings along the site boundaries as well groupings of trees east of the greenhouse area and around the existing dwelling. A mature hedgerow flanks the east preparty limit within the NHS lands.

Plans Utilized

A Draft Plan prepared by KLM Planning, along with a Topographic survey plan provided by Schaeffer Dzaldov Precell Ltd., were used to determine the location of existing trees in relation to the proposed development works.

Tree Inventory

The site was visited by an ISA Certified Arborist on April 6, 2026. All trees and groupings within the subject site as well as within 6 metres of the subject site were inventoried as per Town of Caledon requirements. All individual trees inventoried were tagged with metal tree tags.

The trees are described in terms of species and diameter at breast height (DBH – measured at 1.4m from grade). They were assessed in terms of their general health from poor to good; **GOOD** – trees in good overall health and condition with desirable structure, **FAIR** – trees in moderate health and condition with less desirable structure, and **POOR** – trees displaying prominent health issues such as decay and disease and/or poor form and structure.

Refer to attached V100 & V101 - *Tree Inventory and Preservation Plan* for locations of, and details pertaining to specific trees.

STRYBOS BARRON KING LTD.
Arborist Report
Tiffany Rox North Hill – Town of Caledon

EXISTING TREE INVENTORY

KEY	SPECIES	DSH (cm)	CROWN (m)	HEALTH G/F/P DEAD	STRUCTURE	COMMENTS	OWNERSHIP	PRESERVATION DIRECTION	MIN. TPZ (m)	KEY
001	Birch	35	6	DEAD			Neighbour	Preserve	2.4	001
002	Birch	16	4	Fair	Irregular	Crowded by adjacent tree, epicormic growth, crowded branches	Private	Remove	1.8	002
003	Scots Pine	49	8	Good	Irregular	Dieback in lower branches, minor deadwood, broken branches	Neighbour	Preserve	3.0	003
004	Willow	5,7,8,8 (14)	3	Poor	Multi-Stem	Union at base, 4 stems, crowded branches, epicormic growth, included bark	Private	Remove	1.8	004
005	Scots Pine	43	8	Good	Irregular	Branching to grade, minor deadwood	Neighbour	Preserve	3.0	005
006	Willow	7,7,7 (12)	4	Poor	Multi-Stem	3 stems, crowded branching, declining	Private	Remove	1.8	006
007	Ash	14	3	Poor	Multi-Leader	Declining, major decay in trunk	Private	Remove	1.8	007
008	Scots Pine	37	8	Good	Irregular	Branching to grade, crowded branching	Neighbour	Preserve	2.4	008
009	Scots Pine	31	8	Fair	Irregular	Branching to grade, minor deadwood, broken branches	Neighbour	Preserve	2.4	009
010	Austrian Pine	41	8	Fair	Irregular	Branching to grade, broken branches, leaning	Neighbour	Preserve	3.0	010
011	Austrian Pine	37	8	Fair	Leaning	Branching to grade, broken branches, dieback in crown	Neighbour	Preserve	2.4	011
012	Scots Pine	11	3	Good	Symmetrical	Good form	Private	Remove	1.8	012
013	Austrian Pine	21,39 (44)	8	Good	Multi-Stem	2 stems, union at base, branching to grade, crowded by adjacent tree	Neighbour	Preserve	3.0	013
014	Austrian Pine	32	8	Fair	Irregular	Crowded by adjacent tree, branching to grade, dieback in crown	Neighbour	Preserve	2.4	014
015	Austrian Pine	46	8	Good	Irregular	Crowded by adjacent tree, branching to grade, double leader	Neighbour	Preserve	3.0	015
016	Austrian Pine	38	8	Fair	Irregular	Crowded by adjacent tree, branching to grade, dieback in lower branches, double leader	Neighbour	Preserve	2.4	016
017	Austrian Pine	45	8	Fair	Double-Leader	Crowded by adjacent tree, broken branches, dieback in crown	Neighbour	Preserve	3.0	017
018	Austrian Pine	38	8	Fair	Multi-Leader	Crowded by adjacent tree, broken branches, dieback in lower branches	Neighbour	Preserve	2.4	018
019	Scots Pine	25	6	Fair	Leaning	Crowded by adjacent tree, broken branches, dieback in lower branches, vine entangled	Neighbour	Preserve	1.8	019
020	Scots Pine	28	6	Fair	One-sided	Crowded by adjacent tree, minor deadwood	Neighbour	Preserve	1.8	020
021	Austrian Pine	38	8	Poor	High-Crown	Dieback in lower branches, broken branches	Neighbour	Preserve	2.4	021
022	Manitoba Maple	10	4	Fair	Irregular	Crowded branching	Private	Remove	1.8	022
023	Mix Vegetation	<15	varies	Poor	Group	Majority dead ash trees, 1- 50% dead malus trees (28 DSH)	Private	Remove	1.8	023
024	White Pine	48	10	Fair	Irregular	Crowded by adjacent tree, adjacent to house, dieback in lower branches	Neighbour	Preserve	3.0	024
025	White Pine	46	10	Fair	Irregular	Crowded by adjacent tree, adjacent to house, dieback in lower branches	Neighbour	Preserve	3.0	025
026	White Cedar	<10	varies	Fair	varies	Hedge along adjacent property limit, adjacent to house	Neighbour	Preserve	1.8	026
027	Mulberry	15,23,23, 25	6	Poor	Multi-Stem	4 Stems, major epicormic growth, branching to grade, crowded branching	Private	Remove	3.0	027
028	Willow	13	3	Fair	Irregular	Epicormic growth, crowded branching	Private	Remove	1.8	028
029	Mulberry	14,19,26 (35)	6	Poor	Multi-Stem	3 stems, major epicormic growth, branching to grade, crowded branching	Private	Remove	2.4	029
030	Birch	12,13 (18)	5	DEAD	Irregular	2 stems, major epicormic growth, leaning	Private	Remove	1.8	030
031	Emerald Cedar	8,8,9,10,1 1	2	Good	Columnar	5 stems, multi leader form	Private	Remove	1.8	031
032	Ash	18,21,25 (37)	varies	DEAD	Group	3 stems	Private	Remove	2.4	032
033	Pussy Willow	<18	8	Poor	Hedge	6 stems, crowded branching, decay in trunk	Private	Remove	1.8	033
034	Ash	24,27 (36)	varies	DEAD	Group	2 stems	Private	Remove	2.4	034
035	Birch	<12	varies	Good	Group	A group of saplings	Neighbour	Preserve	1.8	035
036	Ash	<20	varies	DEAD	Group	9 stems	Private	Remove	1.8	036
037	Birch	24	8	Poor	Irregular	Crowded by adjacent tree, decay at base, declining	Private	Remove	1.8	037
038	Birch	24	8	Fair	High-Crown	Crowded by adjacent tree, broken branches, double leader	Private	Remove	1.8	038
039	Siberian Elm	<18	varies	Fair	Group	Crowded by adjacent tree, 6 stems (DSH 8,12,12,16,18,14), vine entangled, major decay, asphalt at base	Private	Remove	1.8	039
040	Malus	31,34,37 (59)	12	Poor	Multi-Stem	Crowded by adjacent tree, 3 stems, union at base, major decay, epicormic growth, declining	Neighbour	To be Removed by Adjacent Owner Under Separate Application	3.6	040
041	Basswood	60	10	Poor	Irregular	Crowded by adjacent tree, major decay, broken branch, decay in trunk	Neighbour	To be Removed by Adjacent Owner Under Separate Application	3.6	041
042	Basswood	41	10	Poor	Double - Leader	Crowded by adjacent tree, broken branches, major deadwood	Neighbour	To be Removed by Adjacent Owner Under Separate Application	3.0	042
043	Basswood	21,25,33, 38 (60)	12	Poor	Multi-Stem	Crowded by adjacent tree, 4 stems, broken branches, fruiting bodies present, union at base	Neighbour	To be Removed by Adjacent Owner Under Separate Application	3.6	043
044	Basswood	24,31,32, 33 (60)	12	Poor	Multi- Stem	Crowded by adjacent tree, 5 stems, broken branches, cross branching, broken branches, declining, %50 dead	Neighbour	To be Removed by Adjacent Owner Under Separate Application	3.6	044
045	Mix Vegetation	<10	varies	Poor	Group	A mix of dead ash and buckthorn	Private	Remove	1.2	045
046	Basswood	9,11,13,1 5	4	Fair	Multi-Stem	Crowded by adjacent tree, 4 stems, narrow form, crowded branching	Private	Remove	1.8	046
047	Basswood	22	6	Fair	High-Crown	Crowded by adjacent tree, epicormic growth	Private	Remove	1.8	047
048	Basswood	11,11 (16)	4	Poor	Multi-Stem	2 stems, narrow form	Private	Remove	1.8	048
049	Basswood	17	4	Fair	Narrow	Crowded by adjacent tree, high crown, vine entangled	Private	Remove	1.8	049

EXISTING TREE INVENTORY										
KEY	SPECIES	DSH (cm)	CROWN (m)	HEALTH G/F/P	STRUCTURE	COMMENTS	OWNERSHIP	PRESERVATION DIRECTION	MIN. TPZ (m)	KEY
050	Basswood	17	4	Poor	Narrow	Crowded by adjacent tree, one-sided, vine entangled	Private	Remove	1.8	050
051	Manitoba Maple	35	12	Poor	One-sided	Major deadwood, double leader, crowded branches, broken branches	Private	Remove	2.4	051
052	Basswood	11,20,34,39,45	14	Fair	Multi-Stem	5 stems, broad form, crowded branches, union at base, broken branches	Private	Remove	4.2	052
053	Basswood	13,21,29,42	14	Fair	Multi-Stem	4 stems, broad form, union at base, crowded branches, cross branching	Private	Remove	3.6	053
054	Basswood	10-15	varies	Fair	Group	Crowded by adjacent tree, 8 stems, high crown	Private	Remove	1.8	054
055	Mix Vegetation	<60	varies	Poor	Group	Mix of Basswood, dead Ash, Scots pine and Birch	Shared	Preserve	3.6	055
056	Buckthorn	<10	varies	Poor	Group		Shared	Preserve	1.2	056
057	Birch	11	3	Fair	Leaning	Crowded by adjacent tree	Shared	Remove	1.8	057
058	Birch	26	8	Fair	High-Crown	Crowded by adjacent tree, crowded branching, minor deadwood	Shared	Remove	1.8	058
059	Birch	22	6	Poor	Narrow	Crowded by adjacent tree, %50 dead, leaning, declining	Shared	Remove	1.8	059
060	Birch	26	6	Poor	Narrow	Crowded by adjacent tree, 50% dead, major deadwood	Shared	Remove	1.8	060
061	Birch	12	3	Poor	One-sided	Crowded by adjacent tree, broken branches	Shared	Remove	1.8	061
062	Birch	12	3	Poor	One-sided	Crowded by adjacent tree, dieback in crown, broken branches	Shared	Remove	1.8	062
063	Birch	12	3	Poor	Leaning	Crowded by adjacent tree, irregular form, broken branches	Shared	Remove	1.8	063
064	Buckthorn	<10	varies	Poor	Group		Shared	Remove	1.2	064
065	Silver Maple	62	12	Poor	Multi-leader	Broken leader, declining, major decay in trunk, epicormic growth, branching to grade	Shared	Remove	4.2	065
066	Buckthorn	<10	varies	Poor	Group		Shared	Remove	1.8	066
067	Russian Olive	7, 12, 13 (19)	8	Poor	Multi-Stem	3 stems, epicormic growth, included bark, union at base	Region	Remove	2.4	067
068	Basswood	Approx 10-25	varies	Fair	Group	Naturalized row of immature to semi-mature trees on adjacent property	Neighbour	To be Removed by Adjacent Owner Under Separate Application	1.8	068

Inventory Summary

The subject site is mainly composed of existing agricultural field. The southwest quadrant of the site is currently being used by commercial nursery retail and associated greenhouses. The majority of the trees occur along the property limits as groupings and hedgerows. A mixed, naturalized grouping of trees occurs east of the greenhouse area.

The hedgerow along the southwest property limit is composed of mixed, individual trees including semi-mature to mature Birch, Scots Pine, Willow species, Ash, Austrian Pine, White Pine and Manitoba Maple. Several trees are in poor condition; however, most are in generally fair to good condition. The naturalized grouping of trees east of the greenhouse area is a remnant stand of Ash trees. The majority of the Ash trees are either dead or in a state of decline. One declining Apple tree was also inventoried in this stand. A small number of naturalized individual trees are intermittently spread around the area south and around the existing dwelling. These trees are mainly composed of White Mulberry, Willow, Birch and Emerald Cedar. These trees range from dead/poor to good health. The southern corner of the site, adjacent to the property to the southwest, is composed of naturalized groupings, individual trees and hedgerows.. These trees are mainly composed of dead/declining Ash, Pussy Willow hedge, immature Birch stand, with some semi-mature individuals, and multi-stemmed Siberian Elm trees. The majority of these trees are in generally poor condition with a few fair to good. A mature, naturalized hedgerow occurs along the southern property limit toward the east limit of the subject lands. It also bisects the limit of natural feature (NHS lands). This hedgerow is mainly composed of mature Basswood as well as several dead/declining Ash trees. Dense Buckthorn shrubs have colonized the edges and understory. Overall, this hedgerow is in poor to fair condition.

Arborist Report

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An existing, mixed, mature hedgerow is located along the east property limit within the NHS lands. The edge of this row is mainly composed of Basswood, Scots Pine, Birch and dead/declining Ash trees.

The north limit of the subject site is sparsely treed. The trees inventoried compose limited to remnant hedgerows and groupings which flank the northern property limit. The majority of these rows and groupings are composed of Buckthorn shrub thickets but also include mature Silver Maple individuals and semi-mature Birch trees. The majority of these trees are in poor condition.

One immature naturalized Russian Olive tree occurs within the ditch in the Peel Regional Right-of-Way flanking Hwy 50. This multi-stemmed tree is in good health and condition.

The associated Tree Inventory & Preservation Plan prepared by our office provides detailed tree locations and removal/preservation recommendations.

Discussion & Recommendations

To accommodate the proposed Draft Plan with associated servicing, grading and construction requirements, all trees within the development area will require removal. All trees located within the NHS lands and on adjacent properties are to be preserved and protected.

Summary of Removals Subject to Town of Caledon Bylaw & Peel Region Requirements

Summary of tree removals subject to Private Tree Bylaw

KEY	SPECIES	DSH (cm)	HEALTH G/F/P	OWNERSHIP	ACTION
002	Birch	16	Fair	Private	Remove
004	Willow	5,7,8,8 (14)	Poor	Private	Remove
006	Willow	7,7,7 (12)	Poor	Private	Remove
007	Ash	14	Poor	Private	Remove
012	Scots Pine	11	Good	Private	Remove
022	Manitoba Maple	10	Fair	Private	Remove
023	Dead Ash & Declining Apple	<15	Poor	Private	Remove
027	Mulberry	15,23,23,25 (44)	Poor	Private	Remove
028	Willow	13	Fair	Private	Remove
029	Mulberry	14,19,26 (35)	Poor	Private	Remove
030	Birch	12,13 (18)	DEAD	Private	Remove
031	Emerald Cedar	8,8,9,10,11 (21)	Good	Private	Remove
033	Pussy Willow (6 trees)	<18	Poor	Private	Remove
037	Birch	24	Poor	Private	Remove
038	Birch	24	Fair	Private	Remove
039	Siberian Elm (5 trees)	<18	Fair	Private	Remove

KEY	SPECIES	DSH (cm)	HEALTH G/F/P	OWNERSHIP	ACTION
046	Basswood	9,11,13,15 (24)	Fair	Private	Remove
047	Basswood	22	Fair	Private	Remove
048	Basswood	11,11 (16)	Poor	Private	Remove
049	Basswood	17	Fair	Private	Remove
050	Basswood	17	Poor	Private	Remove
051	Manitoba Maple	35	Poor	Private	Remove
052	Basswood	11,20,34,39,45 (70)	Fair	Private	Remove
053	Basswood	13,21,29,42 (57)	Fair	Private	Remove
054	Basswood (8 trees)	10-15	Fair	Private	Remove
057	Birch	11	Fair	Shared	Remove
058	Birch	26	Fair	Shared	Remove
059	Birch	22	Poor	Shared	Remove
060	Birch	26	Poor	Shared	Remove
061	Birch	12	Poor	Shared	Remove
062	Birch	12	Poor	Shared	Remove
063	Birch	12	Poor	Shared	Remove
065	Silver Maple	62	Poor	Shared	Remove

Total number of private tree removals – 49

Tree# 067 (19cm DBH Russian Olive), to be removed, is located within the Peel Region right-of-way. Although this tree is located on Region lands, Peel Region defers tree removals to the particular Municipality(s) tree bylaw and compensation requirements.

Removal Compensation Ratio for Healthy Tableland Trees

Compensation will be required for all privately owned tree removals at a rate as determined by the Town’s Tableland Tree Removal Compensation guidelines. Tree compensation planting will be in addition to the standard required planting. Dead trees as well as invasive exotic trees, such as Buckthorn shrubs, are not included in the compensation calculations.

Tree Removal Compensation Ratio for Healthy Tableland Trees

DBH (cm)	Ratio
<10	N/A
10-20	1:1
21-35	2:1
36-50	3:1
51-65	4:1
>65	5:1

To reduce the impact of the removal of mature trees to the urban tree canopy, compensation trees will be 60mm DBH, unless otherwise approved by the Town.

Key	Species	DSH (cm)	Health G/F/P	Owner	Compensation	Totals
002	Birch	16	Fair	Private	1:1	1
012	Scots Pine	11	Good	Private	1:1	1
022	Manitoba Maple	10	Fair	Private	1:1	1
028	Willow	13	Fair	Private	1:1	1
031	Emerald Cedar	8,8,9,10,1 1 (21)	Good	Private	2:1	2
038	Birch	24	Fair	Private	2:1	2
039	Siberian Elm (5 trees)	12,12,16, 18,14	Fair	Private	1:1 x 5	5
046	Basswood	9,11,13,1 5 (24)	Fair	Private	2:1	2
047	Basswood	22	Fair	Private	2:1	2
049	Basswood	17	Fair	Private	1:1	1
052	Basswood	11,20,34, 39,45 (70)	Fair	Private	5:1	5
053	Basswood	13,21,29, 42 (57)	Fair	Private	4:1	4
054	Basswood	10-15	Fair	Private	1:1	1
057	Birch	11	Fair	Shared	1:1	1
058	Birch	26	Fair	Shared	2:1	2
					Total	31

Based on the Tree Removal Compensation Ratio above, **thirty-one (31)** trees are required for compensation.

Arborist Report

Tiffany Rox North Hill – Town of Caledon

Summary of tree removals within Peel Region ROW

KEY	SPECIES	DSH	CROWN	HEALTH
		(cm)	(m)	G/F/P
067	Russian Olive	7, 12,13 (19)	8	Poor

As mentioned, Peel Region defers tree removals to Town of Caledon requirements. Based on the Town’s tree replacement requirements, **one (1)** tree is required for compensation for the removal of the Peel Region owned tree (Russian Olive)

A total of **twenty-three (23)** replacement trees is required.

Tree Protection Measures

The following tree protection measures are to be undertaken by the developer.

Pre-Construction

- Prior to construction, tree protection hoarding is to be installed where indicated on the TIPP (V100’s). The hoarding shall be maintained for the duration of site construction. It shall not be removed until authorized by the Consulting Arborist.
- The limits of protection hoarding shall be confirmed in the field by the Consulting Arborist and the Town of Caledon.

During Construction

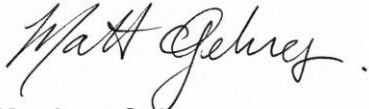
- Areas within the protection hoarding shall remain undisturbed for the duration of site construction and shall not be used for the storage of excavated fill, building materials, structures, or equipment.
- Minor grading works will be permitted at the edge of the preservation zone as required to correct localized depressions adjacent to the new development. This work to be undertaken under the supervision of the Consulting Arborist.
- During construction and prior to Assumption of the Subdivision by the Town, the consulting Arborist along with appropriate Town staff shall inspect the site. Any noted hazardous trees are to be identified and removed prior to Assumption.
- Any records of maintenance or removals are to be submitted to the Town of Caledon.
- 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.
- 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/Region 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/Region and conservation authority (if applicable).

Conclusion

Tiffany Rox North Hill Ltd. retained Strybos Barron King Ltd., to prepare and Arborist Report for the subject property in accordance with the Town of Caledon & Peel Region requirements.

Upon review of the proposed Draft Plan of Subdivision, anticipated grading and servicing requirements, it was determined that all trees within the development limits on the subject site, will require removal. A total of forty-nine (49) trees, subject to the Private Tree Bylaw, require removal. One (1) Peel Region owned tree will require removal. All other trees are to be preserved are to be protected as per Town of Caledon Requirements. A number of neighbouring trees require removal to facilitate the construction of the adjacent stormwater management pond. These trees are to be removed by the adjacent owner under a separate application. Based on the Town's compensation guidelines, including the one Peel Region owned tree, thirty-two (32) trees will be required. Compensation trees shall be planted in accordance with the Town of Caledon's standard planting details.

Prepared By:
STRYBOS BARRON KING LTD.






Matthew Gehres
ISA Certified Arborist ISA ON-1114A
Senior Landscape Technologist


APPENDIX B – CONTEXTUAL TREE INVENTORY AND PRESERVATION PLAN (V100 – NTS for context only)



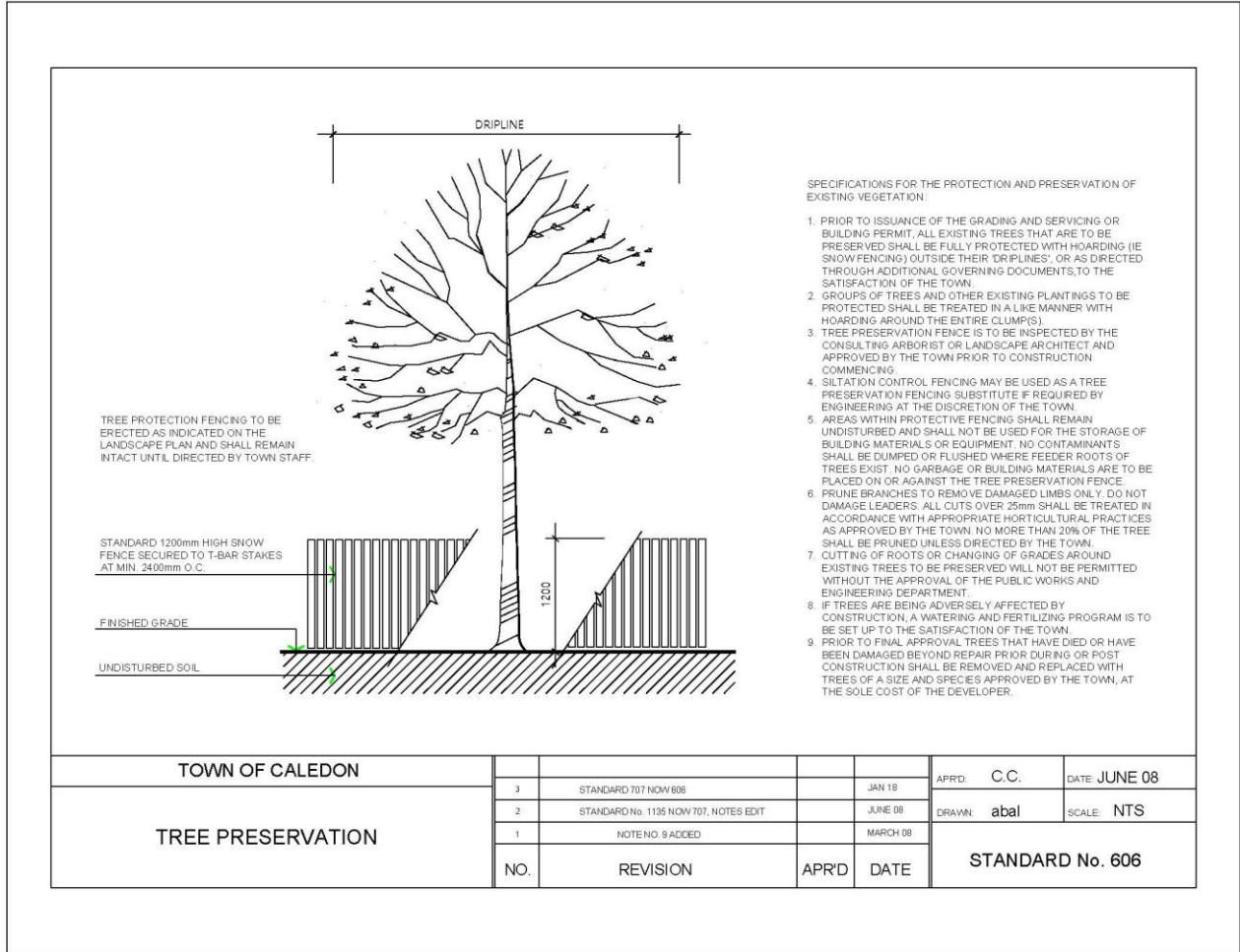
Appendix C – SITE PHOTOGRAPHS

	
<p>Tree #001</p>	<p>Trees #002</p>
	
<p>Tree #003-011</p>	<p>Trees #012-022</p>
	
<p>Group #023</p>	<p>Trees #024-026</p>
	
<p>Group #027</p>	<p>Tree # 28</p>

	
<p>Group #029-031</p>	<p>Group #032</p>
	
<p>Group #033</p>	<p>Group #034</p>
	
<p>Trees #036-038</p>	<p>Group #39</p>
	
<p>Group #40-53</p>	<p>Group #055</p>

	
<p>Group #056</p>	<p>Trees #057-63</p>
	
<p>Group #064</p>	<p>Trees #065</p>
	
<p>Group #066</p>	<p>Trees #067</p>

Appendix D – TREE PROTECTION HOARDING



SPECIFICATIONS

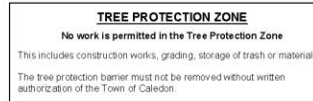
A. General

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
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NO.	REVISION	APR'D	DATE		

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				APPR'D: B.B.	DATE: AUGUST 17
TREE PRESERVATION STANDARD NOTES - PART 2				DRAWN: B.M.	SCALE: NTS
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