



STRYBOS BARRON KING  
LANDSCAPE ARCHITECTURE

PARTNERS

BRYN BARRON, OALA, CSLA, ISA  
ALISTAIR JOHNSTON, LOHTA, ISA, ASCA  
MATHIEU STRYBOS, OALA, CSLA  
SALVATORE VIOLA, OALA, CSLA  
MATTHEW REGIMBAL, LOHTA, ISA  
JOSHUA BEITZ, OALA, CSLA, ISA

ASSOCIATES

---

## ARBORIST REPORT

**PROPOSED 30 UNIT TOWNHOUSE DEVELOPMENT  
18314 & 18309 HURONTARIO STREET  
TOWN OF CALEDON, ONTARIO**

---

**PREPARED FOR:  
MILANI GROUP  
P.O. BOX 663  
MAPLE, ONTARIO  
L6P 1A1**

**PREPARED BY:  
STRYBOS BARRON KING LTD.  
5770 HURONTARIO STREET  
SUITE 320  
MISSISSAUGA, ONTARIO  
L5R 3G5**

**ISA CERTIFIED ARBORIST  
MATTHEW GEHRES ON-1114A  
OUR PROJECT NO:  
19, 5402**

**December 11, 2020**

TABLE OF CONTENTS

Introduction ..... 1

Site Context ..... 1

Plans Utilized ..... 1

Tree Inventory ..... 1

    Inventory List..... 2

    Inventory Summary..... 1

Recommendations ..... 3

Town Requirements..... 3

Tree Protection Measures ..... 3

    Pre-Construction..... 3

    During Construction ..... 4

Conclusion..... 4

Appendix A – Key Map ..... 5

Appendix B – Tree Inventory and Preservation Plan (Context Plan) ..... 6

Appendix C – Site Photos ..... 7

Appendix D –Tree Protection Hoarding Detail ..... 9

Enclosed:       Tree Inventory & Preservation Plan

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020

## **Introduction**

Strybos Barron King Ltd. was retained by Milani Group to prepare an Arborist Report for the subject property in accordance with Town of Caledon requirements. The purpose of this study is to determine the composition, character and health of existing trees and assess opportunities for preservation in relation to a proposed Townhouse Development. The subject property is located at 18314 & 18309 Hurontario Street in the Town of Caledon, Ontario.

(See Appendix A - Key Map).

## **Site Context**

The subject site is located on the west side of Hurontario Street, on the south side of Caledon Village. Currently, the site is vacant with the exception of the existing dwelling at the northeast corner of the site. The property abuts single family dwellings to the north, a vacant field to the west and single family lots to the south. The site fronts on to Hurontario Street.

## **Plans Utilized**

A conceptual Site Plan prepared by RN Design as well as aerial imagery of the site was used to determine the location of trees in relation to the proposed future development works.

## **Tree Inventory**

Trees were identified within and immediately adjacent to the subject property. The trees are described in terms of species and diameter at breast height (DBH – measured at 1.4m from grade). They have been 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.

**STRYBOS BARRON KING LTD.**  
**Arborist Report**  
18314 & 18309 Hurontario Street – Town of Caledon  
December 11, 2020

Tag No.	Tree Species	Diameter (cm)	Crown Dia. (m)	Health G/F/P	Structure	Comments	Action	Minimum TPZ	Tag No.
60	WALNUT	41	17	GOOD	GOOD	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	PRESERVE	3	60
61	MANITOBA MAPLE	63	13	FAIR	POOR	SLIGHT LEAN. LARGE HANGER IN CANOPY. MAJOR DEADWOOD. NATURALIZED. CROWDED BY ADJACENT TREES.	PRESERVE	4.2	61
62	WALNUT	30	8	GOOD	FAIR	HIGH CROWN. MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	62
63	WALNUT	35	8	GOOD	FAIR	HIGH CROWN. MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	63
64	MANITOBA MAPLE	28	6	POOR	POOR	MAIN STEMS FAILED. HEAVY LEAN. MAJOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	64
65	WALNUT	32	5	GOOD	FAIR	HIGH CROWN. THIN CROWN. MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	65
66	MANITOBA MAPLE	29	6	FAIR	FAIR	NATURALIZED. STEM FAILURE AT BASE. MAJOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	66
67	MANITOBA MAPLE	20	3	POOR	POOR	DAMAGED TOP. CROWDED BY ADJACENT TREES. NATURALIZED. MAJOR DEADWOOD.	REMOVE	NA	67
68	MANITOBA MAPLE	22	3	POOR	POOR	FAILED. MAJOR DEADWOOD. NATURALIZED.	REMOVE	NA	68
69	WALNUT	33	6	GOOD	GOOD	HIGH CROWN. MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	69
70	MANITOBA MAPLE	75	9	POOR	POOR	FAILED. MAJOR DEADWOOD. NATURALIZED. LARGE SUCKER GROWTH AT BASE.	REMOVE	NA	70
71	MANITOBA MAPLE	54	8	POOR	POOR	FAILED. MAJOR DEADWOOD. NATURALIZED. LARGE SUCKER GROWTH AT BASE.	REMOVE	NA	71
72	WALNUT	24	6	FAIR	FAIR	HIGH CROWN. CROWDED BY ADJACENT TREES. COVERED IN VINES. MINOR DEADWOOD.	REMOVE	NA	72
73	BASSWOOD	59	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	REMOVE	NA	73
74	MANITOBA MAPLE	28	4	POOR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. NATURALIZED.	REMOVE	NA	74
75	BASSWOOD	27	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	REMOVE	NA	75
76	MANITOBA MAPLE	24	4	POOR	POOR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. NATURALIZED.	REMOVE	NA	76
77	BASSWOOD	10/20/20	9	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. CO-DOMINANT STEMS.	REMOVE	NA	77
78	MANITOBA MAPLE	19/20	5	POOR	POOR	SLIGHT LEAN. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	78
79	MANITOBA MAPLE	18/18/21/21	6	POOR	POOR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	79
80	WALNUT	37	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	REMOVE	NA	80
81	WALNUT	21	8	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	REMOVE	NA	81
82	NORWAY MAPLE CRIMSON KING	30	6	GOOD	GOOD	MINOR DEADWOOD. THIN CANOPY	REMOVE	NA	82
83	WALNUT	30	13	GOOD	GOOD	NATURALIZED. MINOR DEADWOOD.	REMOVE	NA	83
84	NORWAY MAPLE	34	8	FAIR	FAIR	MAJOR DEADWOOD. WOUND ON MAIN TRUNK. MINOR DEADWOOD.	REMOVE	NA	84
85	SILVER MAPLE	54	6	FAIR	FAIR	MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	85
86	WALNUT	28	6	FAIR	FAIR	MINOR DEADWOOD. CANOPY TO THE GROUND. CROWDED BY ADJACENT TREE.	REMOVE	NA	86
87	SILVER MAPLE	20	6	FAIR	FAIR	MINOR DEADWOOD. THIN CROWN. CROWDED BY ADJACENT TREE.	REMOVE	NA	87
88	WALNUT	24	6	GOOD	GOOD	MINOR DEADWOOD. CANOPY TO THE GROUND. CROWDED BY ADJACENT TREE.	REMOVE	NA	88
89	MANITOBA MAPLE	67	16	FAIR	FAIR	NATURALIZED. MINOR DEADWOOD.	REMOVE	NA	89
90	BIRCH	16/37	8	FAIR	FAIR	MINOR DEADWOOD. THIN CROWN. CROWDED BY ADJACENT TREE.	REMOVE	NA	90
91	BLACK LOCUST	86	10	GOOD	FAIR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	91
92	POPLAR	75	14	FAIR	POOR	HEAVY LEAN. CROWDED BY ADJACENT TREES. MAJOR DEADWOOD.	REMOVE	NA	92
93	SIBERIAN ELM	17	5	FAIR	FAIR	CROWDED BY ADJACENT TREE. MINOR DEADWOOD. NATURALIZED.	REMOVE	NA	93
94	BLACK LOCUST	20/33	5	FAIR	FAIR	MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	94
95	NORWAY MAPLE	20	5	FAIR	FAIR	MINOR DEADWOOD.	REMOVE	NA	95
96	COLORADO SPRUCE	20	4	FAIR	FAIR	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	96
97	MANITOBA MAPLE	24/27	3	POOR	POOR	HEAVY LEAN. CROWDED BY ADJACENT TREES. MAJOR DEADWOOD. BROKEN TOP.	REMOVE	NA	97
98	BLACK LOCUST	57	9	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. HIGH CROWN.	REMOVE	NA	98
99	COLORADO SPRUCE	24	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	99
100	COLORADO SPRUCE	20	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	100
101	COLORADO SPRUCE	37	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	101
102	COLORADO SPRUCE	28	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	102
103	COLORADO SPRUCE	30	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	103
104	AUSTRIAN PINE	39	7	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	104
105	AUSTRIAN PINE	35	7	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	105
106	AUSTRIAN PINE	39	7	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	106
107	MANITOBA MAPLE	26/26/26	6	FAIR	FAIR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	107
108	BASSWOOD	12/18/24/32	12	FAIR	POOR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	108
109	BASSWOOD	36/36	12	FAIR	FAIR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. NATURALIZED.	REMOVE	NA	109
110	MULLBERRY	76	11	POOR	POOR	MINOR DEADWOOD THROUGHOUT CANOPY. WOUND ON TRUNK. TREE IN DECLINE. THIN CROWN.	REMOVE	NA	110
111	COLORADO SPRUCE	23	6	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	111
112	COLORADO SPRUCE	22	5	GOOD	GOOD	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	REMOVE	NA	112
113	CEDAR	38	3	POOR	POOR	HIGH CROWN. POORLY PRUNED. TREE IN DECLINE. MINOR DEADWOOD.	REMOVE	NA	113
114	CEDAR	42	6	FAIR	FAIR	MINOR INNER DEADWOOD. CROWDED BY ADJACENT TREES.	PRESERVE	3	114
115	CEDAR HEDGE ROW (20 STEMS)	20-35	5	FAIR	FAIR	TIGHTLY PACKED CEDARS. MINOR INNER DEADWOOD. CROWDED TOGETHER. SOME ARE LEANING.	PRESERVE	2.4	115
116	HORSECHESTNUT	42/95	9	FAIR	FAIR	CO-DOMINANT STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	PRESERVE	6	116
117	HEDGE ROW (MIXED CONIFERS)	20-42	6	GOOD	GOOD	MIX OF SPRUCE AND PINE. TIGHTLY PLANTED TOGETHER TO FORM A HEDGE. MINOR INNER DEADWOOD. CROWDED BY NEIGHBORING TREES.	PRESERVE	3	117
118	SCOT PINE	32	6	GOOD	GOOD	MINOR DEADWOOD.	REMOVE	NA	118

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020

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

**Inventory Summary**

The subject site is currently vacant with the exception of the existing dwelling at the northeast corner of the property. The internal portion of the site is sparsely treed and is limited to remnant Colorado Spruce and Austrian Pine hedgerows as well as naturalized groupings and individual trees composed mainly of Norway Maple, Silver Maple, Black Walnut, Black Locust and Manitoba Maple trees. A naturalized grouping primarily composed of Black Walnut, Manitoba Maple and Basswood trees occurs along the north property limit. Cedar hedgerows compose most of the south property limit as well as groupings of Colorado Spruce trees

**Recommendations**

Based on the conceptual Site Plan, all of the trees internal to the property will require removal. The naturalized groupings of trees, beyond the north limit of the site will also require removal to accommodate the future Brock Street extension. With the exception of some of the individual trees at the southeast corner of the site, and pending detailed site grading limits along the south limit, the coniferous hedgerows along the south property limit can be preserved.

**Town Requirements**

- Any trees located on the property line or on the adjacent property that are proposed to be removed or pruned, will require written consent from the adjacent landowner. All correspondence is to be forwarded to the Town prior to any removals.
- 2:1 tree compensation will be required for all tree removals. Tree compensation planting is in addition to the standard required planting. In the event that 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 replacement ratio, 28 replacement trees are required for the removal of the trees on the subject property.

**Tree Protection Measures** (Refer to Appendix D)

The following tree protection measures should be undertaken by the owner.

**Pre-Construction**

- Prior to construction, tree protection hoarding is to be installed at the limits shown on the V100. 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.
- Tree removals should occur outside of the breeding bird season. 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.

**STRYBOS BARRON KING LTD.**

Page 4

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020

**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 entire site. Any noted hazardous trees must be identified and removed prior to Assumption. Any records of maintenance or removals are to be submitted to the Town of Caledon.

**Conclusion**

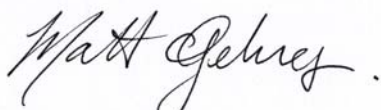
Strybos Barron King Ltd. was retained by Milani Group to prepare an Arborist Report for the subject property in accordance with Town of Caledon requirements.

The property is mainly composed of remnant, naturalized groupings of trees and hedgerows. As part of the site planning, the existing dwelling at the northeast limit of the property is to remain. A new, future road will be constructed north of the site to provide access to the development. Existing, coniferous hedgerows flank the south property limit.

Based on the proposed conceptual Site Plan and pending detailed rear lot grading requirements, the hedgerows along the south property limit are recommended for preservation. All other trees, internal to the property, are to be removed to accommodate the proposed development.

**Prepared By:**

**STRYBOS BARRON KING LTD.**



**Matthew Gehres**

ISA Certified Arborist ISA ON-1114A

Senior Landscape Technologist



Jan 06, 2021

**STRYBOS BARRON KING LTD.**

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020

Page 5

## Appendix A –KEY MAP



**18314 & 18309 HURONTARIO STREET  
CALEDON, ONTARIO**

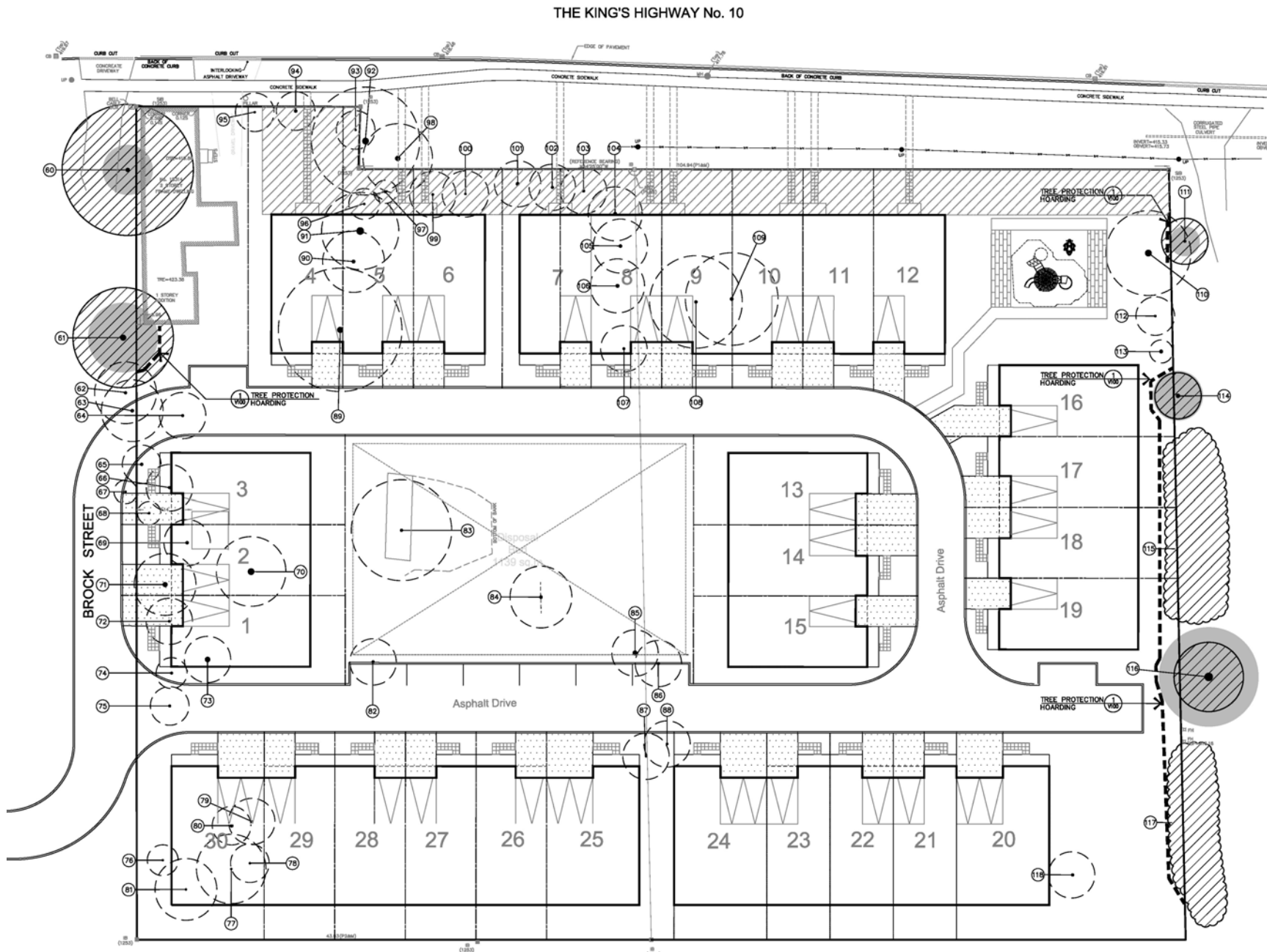
**STRYBOS BARRON KING LTD.**

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020

**Appendix B - TREE INVENTORY AND PRESERVATION PLAN (Context Plan)**





**Appendix C – SITE PHOTOS**

	
<p>North property limit – view north from internal site</p>	<p>Remnant coniferous hedgerow internal to the site</p>
	
<p>Naturalized groupings at northeast corner of site</p>	<p>Northeast corner of site – view east</p>
	
<p>North property limit – view west</p>	<p>Southeast corner of site – view east</p>

**STRYBOS BARRON KING LTD.**

**Arborist Report**

18314 & 18309 Hurontario Street – Town of Caledon

December 11, 2020



South property limit – view east



Southwest property limit – view south



## Appendix D – TREE PROTECTION HOARDING DETAIL

