



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

TOWN OF CALEDON
PLANNING
RECEIVED
Sept.29, 2020

ARBORIST REPORT

**FP MAYFIELD WEST (CALEDON) INC.
PROPOSED RESIDENTIAL SUBDIVISION
12529 CHINGUACOUSY ROAD
GENERALLY NORTHWEST OF MAYFIELD ROAD & CHINGUACOUSY ROAD
TOWN OF CALEDON, ONTARIO**

**PREPARED FOR:
FP MAYFIELD WEST (CALEDON) INC.
C/O PARADISE DEVELOPMENTS
1 HERRON'S HILL WAY
TORONTO, ONTARIO
M2J 0G2**

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

**ISA CERTIFIED ARBORIST
TED HEAGLE ON-1740A
OUR PROJECT NO:
20-5500**

September 28, 2020

TABLE OF CONTENTS

Introduction	1
Site Context	1
Plans Utilized	1
Tree Inventory	1
Inventory List.....	1
Inventory Summary.....	3
Discussion & Recommendations	3
Summary of Removals.....	3
Tree Protection Measures	4
Pre-Construction.....	4
During Construction	4
Conclusion.....	4
Site Photographs.....	5
Appendix A - Tree Inventory and Preservation Plan V101	6
Appendix B - Tree Inventory and Preservation Plan V102	7
Appendix C - Tree Protection Hoarding Detail	8

Enclosed: Tree Inventory and Preservation Plan (Full Size folded 8.5X11)

Arborist Report

FP Mayfield West (Caledon) Inc. – Town of Caledon

September 28, 2020

Introduction

Strybos Barron King Ltd. was retained by FP Mayfield West (Caledon) Inc. 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 species, composition, character and health of existing trees and assess opportunities for preservation in relation to a proposed Draft Plan of subdivision. The subject property is municipally known as 12529 Chinguacousy Road, located north of Mayfield Road on the east side of Chinguacousy Road in the Town of Caledon, Ontario.

The owner is filing a Draft Plan of Subdivision application in support of a residential development on the subject property. In order to achieve this, all of the existing trees within the subject site, with the exception of a mature Bur Oak will require removal. A row of Honeylocust trees located on the Town's Right of way, adjacent Chinguacousy Road are recommended for preservation as well as all neighbouring trees.

Site Context

The subject site is located on the east side of Chinguacousy Road, north of Mayfield Road. The developable area of the property included in the Draft Plan of Subdivision includes the portion east of Etobicoke Creek. This part of the property is composed of active agricultural field with sparsely treed hedgerows. Single family properties flank the northwest and southwest corners of the property.

Plans Utilized

A Draft Plan prepared by GSAI, Preliminary Grading plan by Urbantech and Topographic plan provided by David B. Searles Surveying 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. Existing trees of 20cm DBH or greater were inventoried. Trees were identified on the subject site as well as within 6 metres from the property line.

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 & V102 - *Tree Inventory and Preservation Plan* for locations of, and details pertaining to specific trees.

Table 1 - List of Inventoried Trees can be reviewed on the following page. (Page2)

Arborist Report

FP Mayfield West (Caledon) Inc. – Town of Caledon

September 28, 2020

Tag No.	Tree Species	Diameter (cm)	Crown Dia. (m)	Health G/F/P	Structure	Comments	Owner	Action	Min TPZ (m)	Tag No.
1	WILLOW	135	9	FAIR	POOR	MAJOR STEM FAILURE. MAJOR DEADWOOD. TREE IS A HAZARD.	NEIGHBOUR	PRESERVE	8.1	1
2	WILLOW	165	16	FAIR	FAIR	MINOR DEADWOOD. LOTS OF SUCKER GROWTH. MAJOR STEM REMOVED.	NEIGHBOUR	PRESERVE	9.9	2
3	COLORADO SPRUCE	26	4	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	NEIGHBOUR	PRESERVE	1.8	3
4	COLORADO SPRUCE	27	4	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD.	NEIGHBOUR	PRESERVE	1.8	4
5	SILVER MAPLE	40	9	FAIR	FAIR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. LOWER BRANCHING.	NEIGHBOUR	PRESERVE	3.0	5
6	SILVER MAPLE	59	9	POOR	POOR	CROWDED BY ADJACENT TREES. MINOR DEADWOOD. LOWER BRANCHING. INCLUDED BARK.	MUNICIPAL	PRESERVE	3.6	6
7	HONEY LOCUST	49	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	7
8	HONEY LOCUST	39	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	8
9	HONEY LOCUST	36	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MAJOR DEADWOOD. SLIGHT LEAN.	MUNICIPAL	PRESERVE	2.4	9
10	HONEY LOCUST	32/36	8	FAIR	POOR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	2.4	10
11	HONEY LOCUST	32/33	8	FAIR	POOR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	2.4	11
12	HONEY LOCUST	33	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	12
13	HONEY LOCUST	21	2	POOR	POOR	CROWDED BY ADJACENT TREES. MAJOR DEADWOOD. HEAVY CROWN LEAN.	MUNICIPAL	PRESERVE	1.8	13
14	HONEY LOCUST	57	8	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.6	14
15	HONEY LOCUST	47	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	15
16	HONEY LOCUST	51	8	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.6	16
17	HONEY LOCUST	25	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	1.8	17
18	HONEY LOCUST	33	7	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	18
19	HONEY LOCUST	39	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD. HEAVY LEAN. ONE SIDED CROWN.	MUNICIPAL	PRESERVE	2.4	19
20	HONEY LOCUST	33	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	20
21	HONEY LOCUST	20/22	6	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	1.8	21
22	HONEY LOCUST	35/48	8	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	3.0	22
23	HONEY LOCUST	23	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	1.8	23
24	HONEY LOCUST	38	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	24
25	HONEY LOCUST	23/28	6	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	1.8	25
26	HONEY LOCUST	39	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	26
27	HONEY LOCUST	32	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	27
28	HONEY LOCUST	38	4	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	28
29	HONEY LOCUST	20/45	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	29
30	HONEY LOCUST	35	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	30
31	HONEY LOCUST	35/46	7	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	31
32	HONEY LOCUST	38	7	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	32
33	HONEY LOCUST	20/22/38	7	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	2.4	33
34	HONEY LOCUST	44	7	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	34
35	HONEY LOCUST	42	7	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	35
36	HONEY LOCUST	38	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	36
37	HONEY LOCUST	57	8	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.6	37
38	HONEY LOCUST	60	8	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.6	38
39	HONEY LOCUST	44	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	39
40	HONEY LOCUST	36	6	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	40
41	HONEY LOCUST	32	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	2.4	41
42	HONEY LOCUST	33	4	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	42
43	HONEY LOCUST	28	5	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.0	43
44	HONEY LOCUST	57	4	FAIR	FAIR	CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. MINOR DEADWOOD.	MUNICIPAL	PRESERVE	3.6	44
45	ASH	137	10	POOR	POOR	EAB. TREE IN HEAVY DECLINE. 90% DEAD.	MUNICIPAL	REMOVE	N/A	45
46	ASH	48	3	POOR	POOR	EAB. TREE IN HEAVY DECLINE. 90% DEAD. HYDRO PRUNED.	MUNICIPAL	REMOVE	N/A	46
47	ASH	67	3	POOR	POOR	EAB. TREE IN HEAVY DECLINE. 90% DEAD. HYDRO PRUNED.	MUNICIPAL	REMOVE	N/A	47
48	HONEY LOCUST	15/23	4	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE.	MUNICIPAL	PRESERVE	1.8	48
49	ASH	50	3	POOR	POOR	EAB. TREE IN HEAVY DECLINE. 90% DEAD.	MUNICIPAL	REMOVE	N/A	49
50	ASH	42	0	POOR	POOR	EAB. TREE IN HEAVY DECLINE. DEAD.	MUNICIPAL	REMOVE	N/A	50
51	ASH	52	2	POOR	POOR	EAB. TREE IN HEAVY DECLINE. 90% DEAD.	MUNICIPAL	REMOVE	N/A	51
52	HONEY LOCUST	22/29	6	FAIR	FAIR	MULTI STEMS. MINOR DEADWOOD. CROWDED BY ADJACENT TREES. GROWING WITHIN THE WIRE FENCE. BROKEN AS H LIMB IN CANOPY.	MUNICIPAL	PRESERVE	1.8	52
23	SILVER MAPLE	25/28	10	GOOD	GOOD	CO-DOMINANT STEMS. MINOR DEADWOOD.	NEIGHBOUR	PRESERVE	1.8	52
54	POPLAR	25	6	FAIR	FAIR	MINOR DEADWOOD. CROWDED BY ADJACENT TREES.	NEIGHBOUR	PRESERVE	1.8	53
55	SILVER MAPLE	20/22/25	10	GOOD	GOOD	MINOR DEADWOOD. CROWDED BY ADJACENT TREES. MULTI SREMS.	NEIGHBOUR	PRESERVE	1.8	54
56	BUR OAK	39	7	GOOD	GOOD	BROAD FORM. MINOR DEADWOOD.	SUBJECT SITE	REMOVE	N/A	55
57	BUR OAK	69	14	GOOD	GOOD	BROAD FORM. MINOR DEADWOOD.	SUBJECT SITE	PRESERVE	4.2	56
58	BUR OAK	63	12	GOOD	GOOD	BROAD FORM. MINOR DEADWOOD.	SUBJECT SITE	PRESERVE	4.2	57
59	BUR OAK	106	20	GOOD	GOOD	BROAD FORM. MINOR DEADWOOD.	SUBJECT SITE	PRESERVE	6.6	58

Arborist Report

FP Mayfield West (Caledon) Inc. – Town of Caledon

September 28, 2020

Inventory Summary

The subject site is mainly composed of agricultural lands and is sparsely treed. The existing trees are limited to a hedgerow of Honey Locust trees which flanks the northwest corner of the property along Chinguacousy Road. A small number of Ash trees are intermittently spaced throughout this row. A small number of existing landscape accent and buffer trees flank the single family lots to the north and south. The associated Tree Inventory & Preservation Plan prepared by our office highlights these areas in order to offer detailed tree locations and removal/preservation recommendations.

Discussion & Recommendations

Upon review of the proposed Draft Plan, the row of Honeylocust trees located in the Town's right of way adjacent to Chinguacousy Road is recommended for preservation. It appears that the development works do not require any grade adjustment or construction activity near the tree protection zones of these trees.

All trees within the subject site require removal with the exception one (1) Bur Oak (#58) located internally near the creek.

The Bur Oak (#58) located within the subject site, is in good overall health, requiring minimal pruning to remove some deadwood. The owner and consulting team have reviewed the plan and discussed the most suitable approach to preserving this tree. The proposed tree protection zone is expanded beyond the minimum, to encompass the entire drip line of the tree. Further, upon review of the proposed grading works, the localised grade beyond the dripline will remain unchanged. Given the suitable setback of surrounding grading works and expanded tree protection zone, the proposed plan offers the best chance of minimal disturbance and survival of this tree.

Town of Caledon approved tree protection hoarding is proposed as protection for all trees recommended for preservation. The hoarding is to be installed at the limit of the tree protection zones for applicable trees.

Summary of Removals

The following is a summary of proposed tree removals for this site

- **Table 3 –Tree Removals** (Refer to The Tree Inventory List for specific details)

Tag No.	Tree Species	Diameter (cm)	Health G/F/P	Owner	Action
45	ASH	137	POOR	MUNICIPAL	REMOVE
46	ASH	48	POOR	MUNICIPAL	REMOVE
47	ASH	67	POOR	MUNICIPAL	REMOVE
49	ASH	50	POOR	MUNICIPAL	REMOVE
50	ASH	42	POOR	MUNICIPAL	REMOVE
51	ASH	52	POOR	MUNICIPAL	REMOVE
56	BUR OAK	39	GOOD	SUBJECT SITE	REMOVE
57	BUR OAK	69	GOOD	SUBJECT SITE	REMOVE

Total number of healthy tree removals - 2

Total number of dead tree removals - 6

Arborist Report

FP Mayfield West (Caledon) Inc. – Town of Caledon

September 28, 2020

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 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.

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.

Conclusion

Strybos Barron King Ltd. was retained by FP Mayfield West (Caledon) Inc. to prepare an Arborist Report for the subject property in accordance with Town of Caledon requirements.

The subject site is mainly composed of agricultural field including a small number of trees within the subject site and along the boulevard on Chinguacousy Road. There are a small number of trees on the two neighboring properties to the north and south of the subject site.

Upon review of the proposed Draft Plan and preliminary grading, the existing trees within the subject property with expectation one (1) Bur Oak (#58) will require removal to facilitate development works.

The row of Honeylocust trees located along the municipal right of way adjacent to Chinguacousy Road is recommended for preservation as well as all trees located on adjacent private lands.

Prepared By:

STRYBOS BARRON KING LTD.



Ted Heagle

ISA Certified Arborist ISA ON-1740A

Landscape Technologist

Arborist Report

FP Mayfield West (Caledon) Inc. – Town of Caledon

September 28, 2020

SITE PHOTOGRAPHS



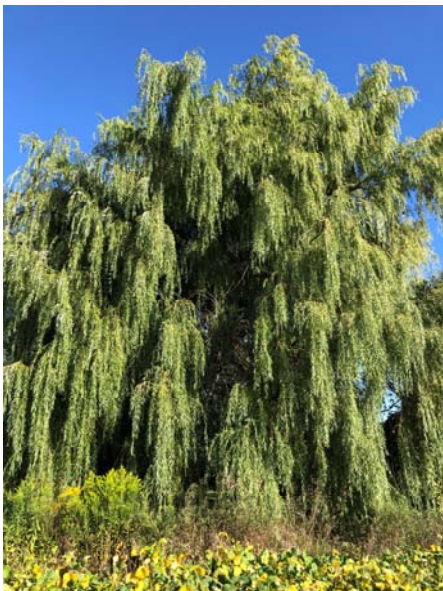
Bur Oak #58



Ash Tree #46



Row of Honey Locust

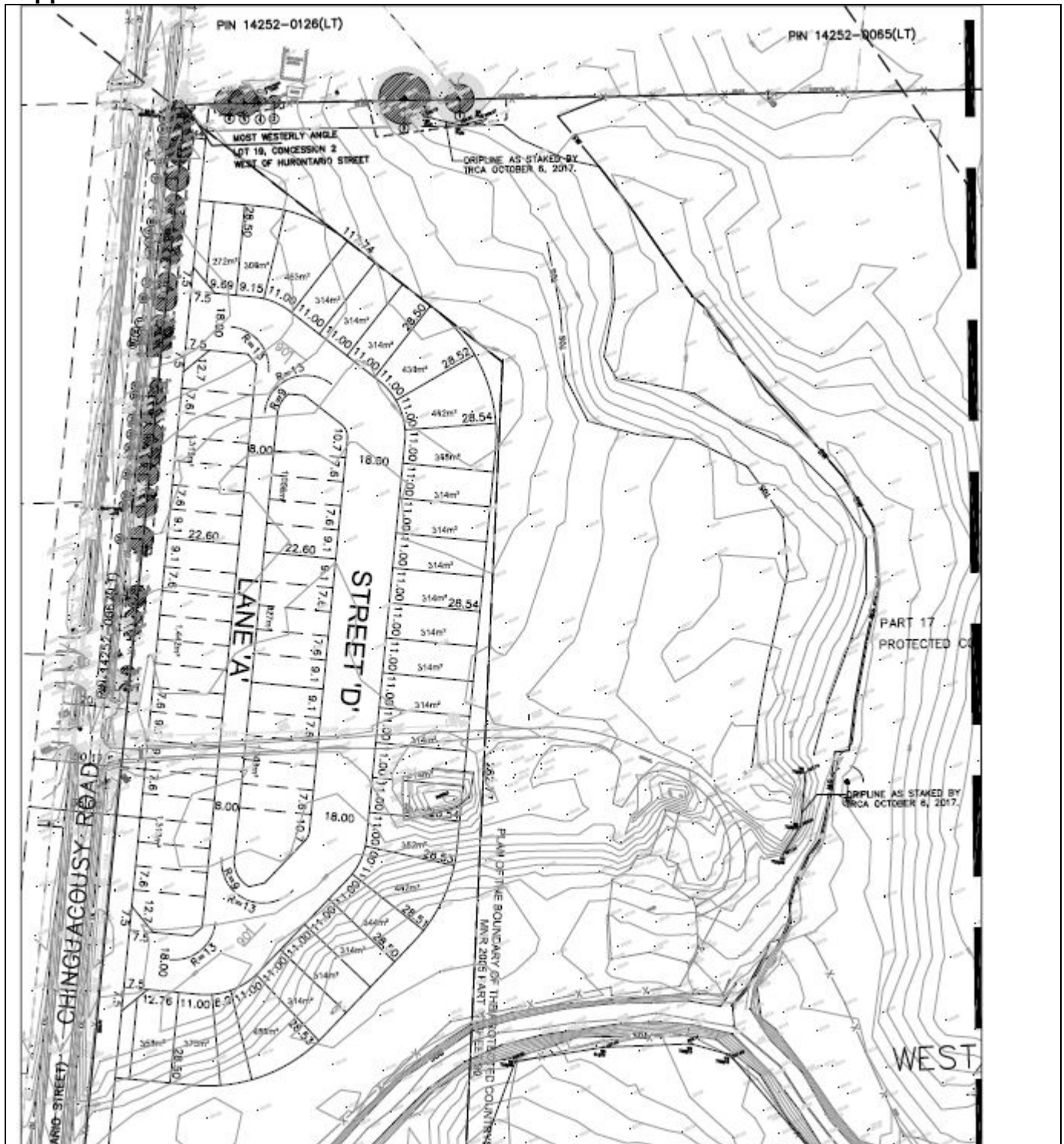


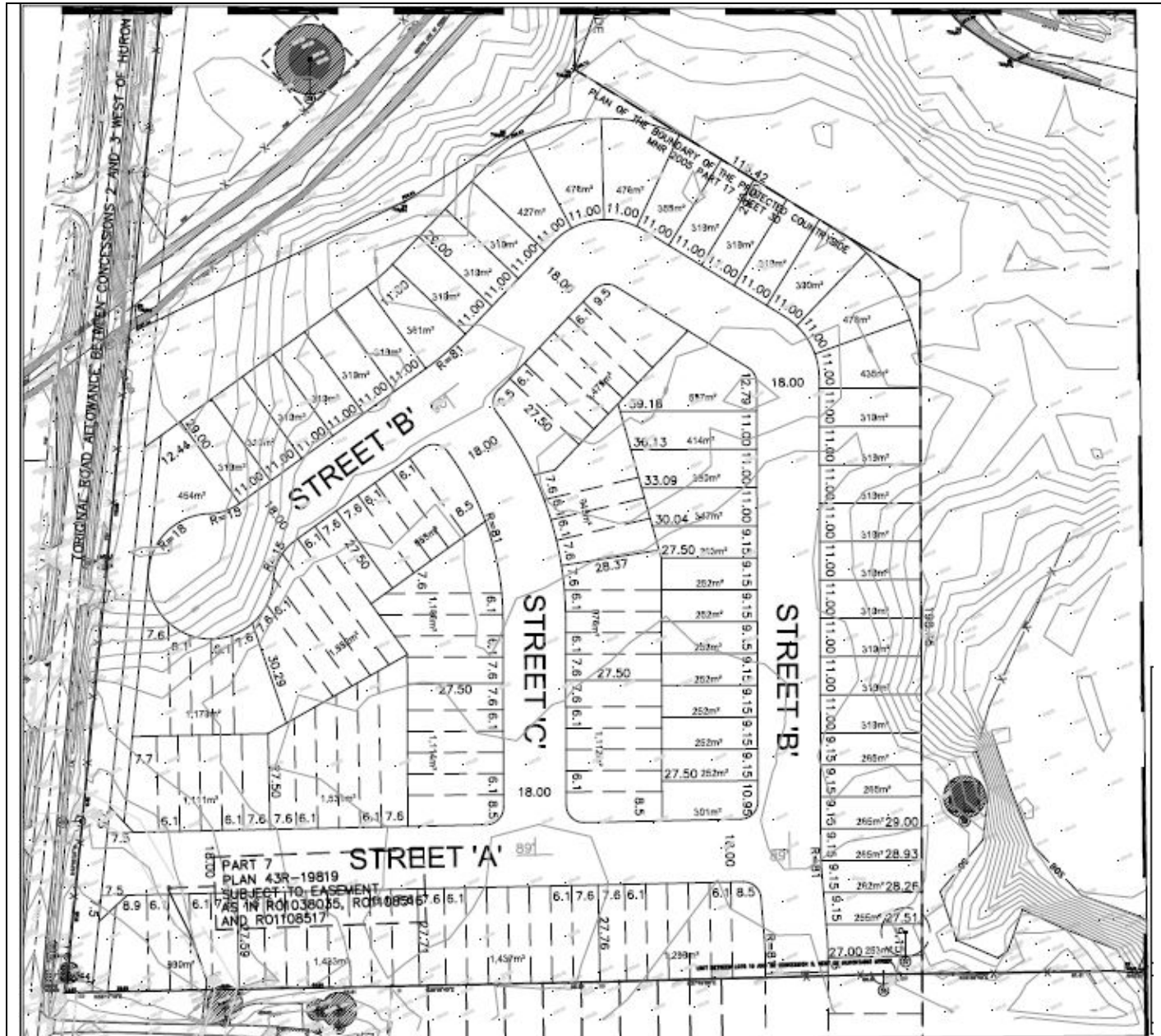
Willow on Adjacent property to the north (#2)



Dead Ash within site (#45)

Appendix A – TREE INVENTORY AND PRESERVATION PLAN V101





Appendix C – TREE PROTECTION HOARDING DETAIL

