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ARBORIST REPORT

PROPOSED RESIDENTIAL DEVELOPMENT
NORTHEAST OF DOUG LEAVENS BOULEVARD & LISGAR DRIVE
MISSISSAUGA

PREPARED FOR:
AVENIA CONSTRUCTION INC.
C/O ARMLAND GROUP
8700 DUFFERIN STREET
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ISA CERTIFIED ARBORIST
MATTHEW GEHRES ON-1114A
OUR PROJECT NO:
23-5887

November 14, 2023

Revised – February 27, 2024
(As Per New Draft Plan)

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Enclosed: Full Size Tree Inventory & Preservation Plan

ARBORIST REPORT
Proposed Residential Subdivision – Northeast of Doug Leavens Blvd. & Lisgar Drive, Mississauga

Introduction

Strybos Barron King Ltd. was retained by Avenia Construction Inc., C/O Armland Group to prepare an Arborist Report for the subject property in accordance with City of Mississauga, Private Tree Bylaw requirements.

Site Context

The subject site is located on the northeast corner of Doug Leavens Boulevard and Lisgar Drive. Currently the property is composed of vacant field and abuts existing residential developments to the south and northwest. The east and north limits of the site border Lisgar Fields Community Park. This park includes sports fields, baseball diamonds and playground areas. The proposal for this property will see the construction of a residential subdivision with a dedicated park block at the north end of the site which abuts the existing community park playground.

Plans Utilized

A topographic survey prepared by Schaeffer Dzaldov Purcell Ltd. along with a Draft Plan of Subdivision prepared by Glen Schnarr & Associates Inc. were used to locate any existing trees and provide recommendations based on the proposed construction constraints.

Tree Inventory *(refer to tables below)*

Trees were identified both 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. (Refer to *V100 – Tree Inventory and Preservation Plan* for locations of and information pertaining to specific trees)

Tree Inventory Table Descriptions *(See Existing Tree Inventory on Page 2)*

Key#	This number refers to inventory number assigned to the tree on the plan.	
Species	The common names are provided for each tree.	
Caliper	This refers to diameter (in centimetres) at breast height and is measured at 1.4m above the ground for each tree.	
Crown	Canopy Width	An estimation of the average diameter of the tree canopy, in metres.
Health	The general assessed health of the tree.	
Structure	This is an assessment of the trees overall form.	
Comments	A general description of each tree's condition and/or pertinent characteristics is provided.	
Direction	This indicates either preservation or removal of the tree (as noted on the plan)	
Min. TPZ	Recommended Tree Preservation Zone (in metres).	

ARBORIST REPORT

Proposed Residential Subdivision – Northeast of Doug Leavens Blvd. & Lisgar Drive, Mississauga

EXISTING TREE INVENTORY

KEY	SPECIES	DBH (cm)	CROWN (m)	HEALTH G/F/P	STRUCTURE	COMMENTS	PRESERVATION DIRECTION	OWNERSHIP	MIN. TPZ (metres)	KEY
1	Crack willow	35	10	Good	Symmetrical	Adjacent to fence, crowded by adjacent tree, trunk horizontal at base, union at 6m minor dieback in lower branches	Preserve	Parkland	2.4	1
2	White Spruce	13	4	Good	Pyramidal	Branching to grade, minor lean in trunk	Preserve	Parkland	1.5	2
3	White Spruce	28	10	Fair-Good	Pyramidal	Branching to grade, crowded by understory buckthorn, crowded by adjacent tree, dieback in lower branches	Preserve	Parkland	1.8	3
4	White Spruce	29	10	Fair-Good	Pyramidal	Branching to grade, crowded by understory buckthorn	Preserve	Parkland	1.8	4
5	White Spruce	26	10	Fair-Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.8	5
6	Norway Spruce	25	10	Good	Pyramidal	Branching to grade, minor dieback in lower branches, crowded by adjacent tree	Preserve	Parkland	1.8	6
7	Hackberry	20	10	Fair	Irregular	Rodent guard at base, girdling roots, exposed roots, broken branches, wound from broken branches at 2.5m crowded branching, epicormic growth, crowded by adjacent tree	Preserve	Parkland	1.5	7
8	Japanese Tree Lilac	12	4	Fair	Symmetrical	Exposed roots, slight lean in trunk, girdling roots, mechanical damage at base, cross branching, included bark	Preserve	Parkland	1.5	8
9	Japanese Tree Lilac	13	4	Fair	Symmetrical	Broken branches, epicormic growth, mechanical damage at base, cross branching, included bark	Preserve	Parkland	1.5	9
10	Norway Spruce	19	8	Good	Pyramidal	Branching to grade, vine entangled	Preserve	Parkland	1.5	10
11	Beech	27.5	8	Good	Symmetrical	Minor broken branches, cross branching, epicormic growth	Preserve	Parkland	1.8	11
12	Beech	19	4	Poor	One Sided	Major deadwood, declining, 80% dead, major decay	Preserve	Parkland	1.5	12
13	Gingko	8	4	Fair	Irregular	Major mechanical damage at base, broken branches, epicormic growth, cross branches	Preserve	Parkland	1.2	13
14	Gingko	7		DEAD			Preserve	Parkland	1.2	14
15	Silver Maple	18	8	Fair-Poor	Double Leader	Major split in trunk, frost crack, included bark, co-dominate stems, exposed roots	Preserve	Parkland	1.5	15
16	Silver Maple	15.5	8	Fair-Good	Symmetrical	Broken branches, included bark, co-dominate leader, week union	Preserve	Parkland	1.5	16
17	Silver Maple	13	6	Fair-Good	Double Leader	Mechanical damage at base, included bark, major decay at base, broken branches	Preserve	Parkland	1.5	17
18	Silver Maple	11.5	4	Fair-Good	Symmetrical	Mechanical damage at base, poor pruning, frost crack in upper stem, co-dominate stems	Preserve	Parkland	1.5	18
19	Gingko	11	2	Fair	Leaning	Elevated crown, pruned leader, mechanical damage at base	Preserve	Parkland	1.5	19
20	Gingko	8	2	Fair-Poor	Narrow	Elevated crown, poor pruning, mechanical damage at base, 95% dead	Preserve	Parkland	1.2	20
21	Gingko	9.5	2	Fair-Poor	Symmetrical	Major mechanical damage at base, broken branches, epicormic growth	Preserve	Parkland	1.2	21
22	Gingko	14	3	Fair	Leaning	Broken branches, epicormic growth, mechanical damage at base	Preserve	Parkland	1.5	22
23	Gingko	17	6	Fair-Good	Symmetrical	Minor mechanical damage at base, epicormic growth, co-dominate stems	Preserve	Parkland	1.5	23
24	Gingko	18.5	4	Fair-Good	Symmetrical	Broken branches, epicormic growth in crown, wounds in lower branches	Preserve	Parkland	1.5	24
25	Gingko	16	4	Fair-Good	Symmetrical	Epicormic growth, crowded branching	Preserve	Parkland	1.5	25
26	Gingko	19	6	Fair-Poor	Symmetrical	Major mechanical damage at base, broken branches, epicormic growth , crowded branching, major deadwood	Preserve	Parkland	1.5	26
27	Gingko	17	4	Poor	Symmetrical	Mechanical damage at base, epicormic growth, major deadwood, declining	Preserve	Parkland	1.5	27
28	Willow	41	10	Fair	Multi Leader	Union at 2.5m, broken branches, cross branching, epicormic growth, included bark, minor deadwood, weak union	Preserve	Parkland	3.0	28
29	Willow	45	10	Good	Weeping	Epicormic growth, cross branching, crowded branching, crowded by adjacent tree	Preserve	Parkland	3.0	29
30	Willow	39	10	Fair-Good	Irregular	Minor mechanical damage, broken branches, epicormic growth, crowded branches	Preserve	Parkland	2.4	30
31	Willow	60	12	Fair	Weeping	Major deadwood, broken branches, epicormic growth, crowded branches	Preserve	Parkland	3.6	31
32	Willow	52	12	Fair-Good	Weeping	Minor deadwood, cross branching, crowded branching, broken branches	Preserve	Parkland	3.6	32
33	Kentucky Coffee Tree	5.5	3	Fair-Good	Immature	Newly planted tree	Remove/ Transplant	Private	1.2	33
34	Kentucky Coffee Tree	4.5	3	Fair-Good	Immature	Newly planted tree, rodent guard at base	Remove/ Transplant	Parkland	1.2	34
35	Kentucky Coffee Tree	4.5	2	Fair	Immature	Newly planted tree, rodent guard at base, epicormic growth as base, broken branches	Remove/ Transplant	Parkland	1.2	35
36	Willow	26.5	10	Fair-Poor	Irregular	Epicormic growth at base, elevated crown, broken branches, cross branching, crowded branching	Preserve	Parkland	1.8	36
37	Tulip Tree	4.5	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	37
38	White Oak	4.5	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	38
39	American Elm	7.5	3	Fair-Good	Symmetrical	Newly planted tree, crowded branching, plastic tape girdling stems, rodent guard at base	Preserve	Parkland	1.2	39
40	Bur Oak	4	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	40
41	Bur Oak	4	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	41
42	Freeman Maple	9	4	Fair-Poor	Symmetrical	Epicormic growth, poor pruning, major open wound on trunk	Preserve	Parkland	1.2	42
43	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	43
44	Colorado Spruce	16	4	Good	Pyramidal	Branching to grade, slight lean in trunk	Preserve	Parkland	1.5	44
45	Colorado Spruce	15	4	Good	Pyramidal	Branching to grade, slight lean in trunk	Preserve	Parkland	1.5	45
46	Hackberry	6	2	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	46
47	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	47
48	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	48
49	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	49
50	Honey locust	4	1	Fair	Immature	Newly planted tree, tree stakes present, rodent guard at base, decay at base, epicormic growth at base.	Preserve	Parkland	1.2	50
51	Honey locust	4	1	Fair	Immature	Newly planted tree, tree stakes present, rodent guard at base, double leader	Preserve	Parkland	1.2	51
52	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	52
53	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	53
54	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	54
55	Norway Spruce	17.5	6	Fair-Good	Pyramidal	elevated crown, crowded by adjacent tree	Preserve	Parkland	1.5	55

EXISTING TREE INVENTORY

KEY	SPECIES	DBH (cm)	CROWN (m)	HEALTH G/F/P	STRUCTURE	COMMENTS	PRESERVATION DIRECTION	OWNERSHIP	MIN. TPZ (metres)	KEY
56	Norway Spruce	14.5	6	Fair-Good	Pyramidal	elevated crown, crowded by adjacent tree	Preserve	Parkland	1.5	**56**
57	Colorado Spruce	3	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**57**
58	Catalpa	4	3	Fair-Good	Immature	Pruned leader, rodent guard at base, tree stakes present	Preserve	Parkland	1.2	**58**
59	Norway Spruce	20	8	Fair-Good	Pyramidal	Branching to grade, cross branching, crowded by adjacent tree, vine entangled	Preserve	Parkland	1.5	**59**
60	Norway Spruce	18	8	Fair-Good	Pyramidal	Branching to grade, cross branching, crowded by adjacent tree	Preserve	Parkland	1.5	**60**
61	Norway Spruce	14	8	Fair-Good	Pyramidal	Branching to grade, cross branching, crowded by adjacent tree, slight lean	Preserve	Parkland	1.5	**61**
62	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**62**
63	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**63**
64	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**64**
65	Honey locust	3.5	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**65**
66	American Elm	4.5	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**66**
67	Honey locust	4	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**67**
68	American Elm	4	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**68**
69	Honey locust	4	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**69**
70	White Pine	5	1	Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**70**
71	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**71**
72	White Pine	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**72**
73	Norway Spruce	19	8	Fair-Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.5	**73**
74	Norway Spruce	16	6	Fair-Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.5	**74**
75	Norway Spruce	16	8	Fair-Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.5	**75**
76	Catalpa	4.5	1	Fair-Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**76**
77	Catalpa	5	1	Fair-Good	Immature	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**77**
78	Colorado Spruce	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**78**
79	Colorado Spruce	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**79**
80	White Spruce	17	6	Fair-Good	Pyramidal	Branching to grade, minor deadwood	Preserve	Parkland	1.5	**80**
81	Colorado Spruce	3.5	1	Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.2	**81**
82	Scots Pine	20	8	Good	Irregular	Leaning, branching to grade, minor deadwood, co-dominate Leader	Preserve	Parkland	1.5	**82**
83	Colorado Spruce	3	1	Poor	One Sided	Declining, major deadwood	Preserve	Parkland	1.2	**83**
84	Little Leaf Linden	16	6	Fair-Poor	Leaning	Major open wound along full length of trunk, epicormic growth, cross branching, broken branches, crowded branching	Preserve	Parkland	1.5	**84**
85	White Spruce	3.5	1	Good	Pyramidal	Newly planted tree, tree stakes present, rodent guard at base	Preserve	Parkland	1.2	**85**
86	White Spruce	17	8	Good	Pyramidal	Branching to grade, crowded by adjacent tree	Preserve	Parkland	1.5	**86**
87	White Spruce	16	8	Good	Pyramidal	Branching to grade, crowded by adjacent tree, leaning	Preserve	Parkland	1.5	**87**
88	Catalpa	5.5	2	Fair-Good	Immature	Girdled by rodent guard, epicormic growth at base.	Preserve	Parkland	1.2	**88**
89	Sugar Maple	28	10	Fair-Good	One Sided	Adjacent to building, pruned to avoid building, crowded by adjacent tree, exposed roots	Preserve	Neighbour	1.8	**89**
90	Norway Maple	22.5	10	Fair-Good	Leaning	Adjacent to building, pruned to avoid building, crowded by adjacent tree, deformity at base.	Preserve	Neighbour	1.8	**90**
91	Colorado Spruce	16	4	Good	Pyramidal	Elevated crown, adjacent to asphalt road, crowded by adjacent tree, exposed roots	Preserve	Neighbour	1.5	**91**
92	Colorado Spruce	23	8	Good	Pyramidal	Elevated crown, adjacent to asphalt road, crowded by adjacent tree	Preserve	Neighbour	1.8	**92**
93	Colorado Spruce	14	4	Good	Pyramidal	Elevated crown, adjacent to asphalt road, crowded by adjacent tree	Preserve	Neighbour	1.5	**93**
94	Sugar Maple	12	6	Fair	Symmetrical	Adjacent to asphalt road, crowded branching, epicormic growth, girdling roots, exposed roots	Preserve	Neighbour	1.5	**94**
95	Norway Spruce	18	10	Fair-Good	Irregular	Adjacent to asphalt road, crowded branching, epicormic growth, girdling roots, poor pruning	Preserve	Neighbour	1.5	**95**
96	Crimson King Maple	24	4	Poor	One Sided	Major deformity in trunk at base, major pruning in crown, declining, 80% dead	Preserve	Neighbour	1.8	**96**
97	Austrian Pine	26	8	Fair	One Sided	Crowded by adjacent tree, elevated crown, adjacent to asphalt road, slight lean in trunk	Preserve	Neighbour	1.8	**97**
98	Austrian Pine	32	12	Fair-Good	Round	Crowded by adjacent tree, elevated crown, adjacent to asphalt road, slight lean in trunk	Preserve	Neighbour	2.4	**98**
99	Austrian Pine	34	10	Fair-Good	Round	Crowded by adjacent tree, elevated crown, adjacent to asphalt road, slight lean in trunk, exposed roots, girdling roots	Preserve	Neighbour	2.4	**99**
100	Norway Maple	18.5	10	Fair	Symmetrical	Adjacent to asphalt road, slight lean in trunk, exposed roots, girdling roots	Preserve	Neighbour	1.5	**100**
101	Sugar Maple	12		DEAD			Preserve	Neighbour	1.5	**101**
102	Sugar Maple	12.5	6	Fair-Poor	Leaning	Exposed roots, adjacent to asphalt road, one-sided, minor deadwood, poor pruning	Preserve	Neighbour	1.5	**102**
103	Norway Maple	23	10	Fair-Good	Symmetrical	Exposed roots, girdling roots, adjacent to asphalt road, codominant stems, epicormic growth, major pruning wound at 3m hit	Preserve	Neighbour	1.8	**103**
104	Colorado Spruce	10	2	Fair-Good	Narrow	Adjacent to asphalt road, exposed roots	Preserve	Neighbour	1.5	**104**
105	Colorado Spruce	12	2	Fair-Good	Narrow	Adjacent to asphalt road, exposed roots	Preserve	Neighbour	1.5	**105**
106	Colorado Spruce	11	2	Fair-Good	Narrow	Adjacent to asphalt road, exposed roots, co-dominate stem, union at 1.5m.ht.	Preserve	Neighbour	1.5	**106**
107	Cherry Tree	27	12	Fair	Double Leader	Adjacent to asphalt road, exposed roots, union at 2.5m.ht., crowded branching, cable wire in crown	Preserve	Neighbour	1.8	**107**
A	Crab Apple	17	6	Poor	Irregular	Major prune at base, poor pruning, major epicormic growth, major deadwood, adjacent to fence	Preserve	Neighbour	1.5	**A**
B	Paper Birch	18	10	Poor	Irregular	Major decay at base, declining, broken branches, minor deadwood	Preserve	Neighbour	1.5	**B**
C	Magnolia	8,8	4	Good	Multi Leader	Crowded by adjacent tree, 2 stems	Preserve	Neighbour	1.2	**C**
D	Cherry Tree	21	10	Fair	Double Leader	Union at .5m.ht., epicormic growth, crowded branches, crowded by adjacent tree	Preserve	Neighbour	1.8	**D**
E	Colorado Spruce	28	8	Fair-Good	High Crown	Elevated crown, poor pruning, elevated to 6m.ht., exposed roots	Preserve	Neighbour	1.8	**E**
F	Crab Apple	16	6	Fair	Double Leader	Union at 1m.ht., poor pruning, adjacent to trellis	Preserve	Neighbour	1.5	**F**
G	Crab Apple	20	10	Fair	Double Leader	Union at .5m.ht., crowded by adjacent tree, crowded branching, major epicormic growth	Preserve	Neighbour	1.5	**G**
H	Crab Apple	18	8	Fair	One Sided	Major epicormic growth, crowded by adjacent tree, crowded branching, poor pruning	Preserve	Neighbour	1.5	**H**

Observations

The subject site is void of trees. The trees inventoried occur immediately adjacent to the property within the adjacent park lands and existing residential developments. The trees described in the inventory are primarily immature to semi-mature, planted landscape accent and buffer trees. Most of the trees are situated around the existing playground area to the north as well as along the existing walkways in the parklands adjacent to the east side of the site. Several trees occur within the rear yards of the adjacent residential lots. With the exception of a small number of mature Weeping Willow trees along the walkway adjacent to the northeast corner of the property, most trees are immature to semi-mature. Several recently planted trees occur along the length of the walkway. The trees within the adjacent rear lots are mainly composed of semi-mature ornamental and fruiting trees.

A few trees are either dead or in a state of decline; however, the majority of the trees are in generally fair to good condition.

Tree Preservation

In determining the tree preservation recommendations for the site, the criteria noted below were considered:

- Overall tree health, form, size, species and predicated longevity.
- Anticipated impact from construction of buildings and proposed landscape features, road works, site servicing and grading.

Each tree was assigned a minimum Tree Preservation Zone (TPZ) as per standard requirements used by municipal by-laws *(Refer to Table1-Tree Protection Zones).*

Table 1 - Tree Protection Zones

Trunk Diameter (DBH)	***Minimum Protection Zone***
<10 cm	1.2m
10-29 cm	1.8 m
30-40 cm	2.4 m
41-50 cm	3.0 m
51-60 cm	3.6 m
61-70 cm	4.2 m
71-80 cm	4.8 m
81-90 cm	5.4 m
91-100 cm	6.0 m
< 100 cm	6cm per 1cm DBH

Trees are recommended for preservation or removal based on proximity of the TPZ to the limit of construction, in conjunction with the overall tree health, size and anticipated ability to withstand root or crown impacts.

Private Tree By-Law

Table 2 – Tree Categories

CITY OF MISSISSAUGA TREE CATEGORIES	
1	Trees with diameters of 15cm or more, situated on private property, on the subject site.
2	Trees with diameters of 15cm or more, situated on private property, within 6m of the subject site.
3	Trees of all diameters situated within the City road allowance adjacent to the subject site.
4 *(exempt)*	Trees that are less than 15cm diameter and located on private property.

The City of Mississauga Private Tree Bylaw protects trees found on private property that are greater than 15cm DBH (Diameter at Breast Height) as well as trees of all diameters situated within the City road allowance.

The By-law states that:

- No Person shall Injure or Destroy a Tree with a Diameter of 15 centimeters or greater located on private property without a valid permit.
- No Person shall interfere with Hoarding that is erected in accordance with this By-law.
- No Person shall injure or destroy a Replacement Tree without a valid Permit.
- Permission is required for Ash or dead tree removals, but no permit fee is required.

Summary of Removals

There are no trees within the subject site with the exception of three, recently planted Kentucky Coffee Trees (Tree# 33-35) which flank the parkland walkway. Based on the surveyed location, Tree# 33 & 34 have been planted within the subject lands or along the boundary and tree# 35 is within 300mm of the property. These trees will interfere with the proposed lot grading and fence requirements. Since these trees were recently planted, it is recommended that they be transplanted further into the parkland by the Parks Department so that they do not interfere with the development construction works. All other trees are located within the adjacent residential lots and parkland and are to be retained.

Tree Preservation

Existing wood privacy fences and chain link fences flank the existing rear lots. These fences will provide adequate tree protection for the neighbouring trees. Where the minimum tree protection zone (TPZ) of a neighbouring tree encroaches into the subject site, City approved tree protection hoarding is to be installed to that limit. Further, erosion control fencing will be required along the perimeter of the property as per the Civil plans. This fencing will provide adequate protection for the adjacent parkland trees where there are no TPZ encroachments.

A dedicated park block is proposed at the north end of the property. It is anticipated that pedestrian access from this park block into Lisgar Community Park will be required by the city. These walkway links will be determined during the detail design phase of the project. Care will be taken during the design to retain as many existing trees as feasible.

Conclusion

Strybos Barron King Ltd. was retained by Avenia Construction Inc., C/O Armland Group to prepare an Arborist Report for the subject property in accordance with City of Mississauga Tree Bylaw requirements. The report summarizes the trees inventoried within and immediately adjacent to the property and provides recommendations for preservation in context with the proposed Draft Plan of Subdivision. The *V100 – Tree Inventory & Preservation Plan* should be used as a reference with this report for detailed information pertaining to existing trees.

The owner is proposing to construct a residential development within the subject site. There are no existing trees within the subject lands with the exception of two recently planted park trees. A third tree has been planted within 300mm of the subject property. These trees were meant to be planted in the adjacent parklands and have been inadvertently planted within and too close to the subject property limit. These trees should be transplanted into the parklands by the Parks Department or removed. All other neighbouring trees are to be preserved and protected. A mix of existing wood privacy and chain link fences, City approved tree protection hoarding and erosion control fences will provide adequate protection for these trees.

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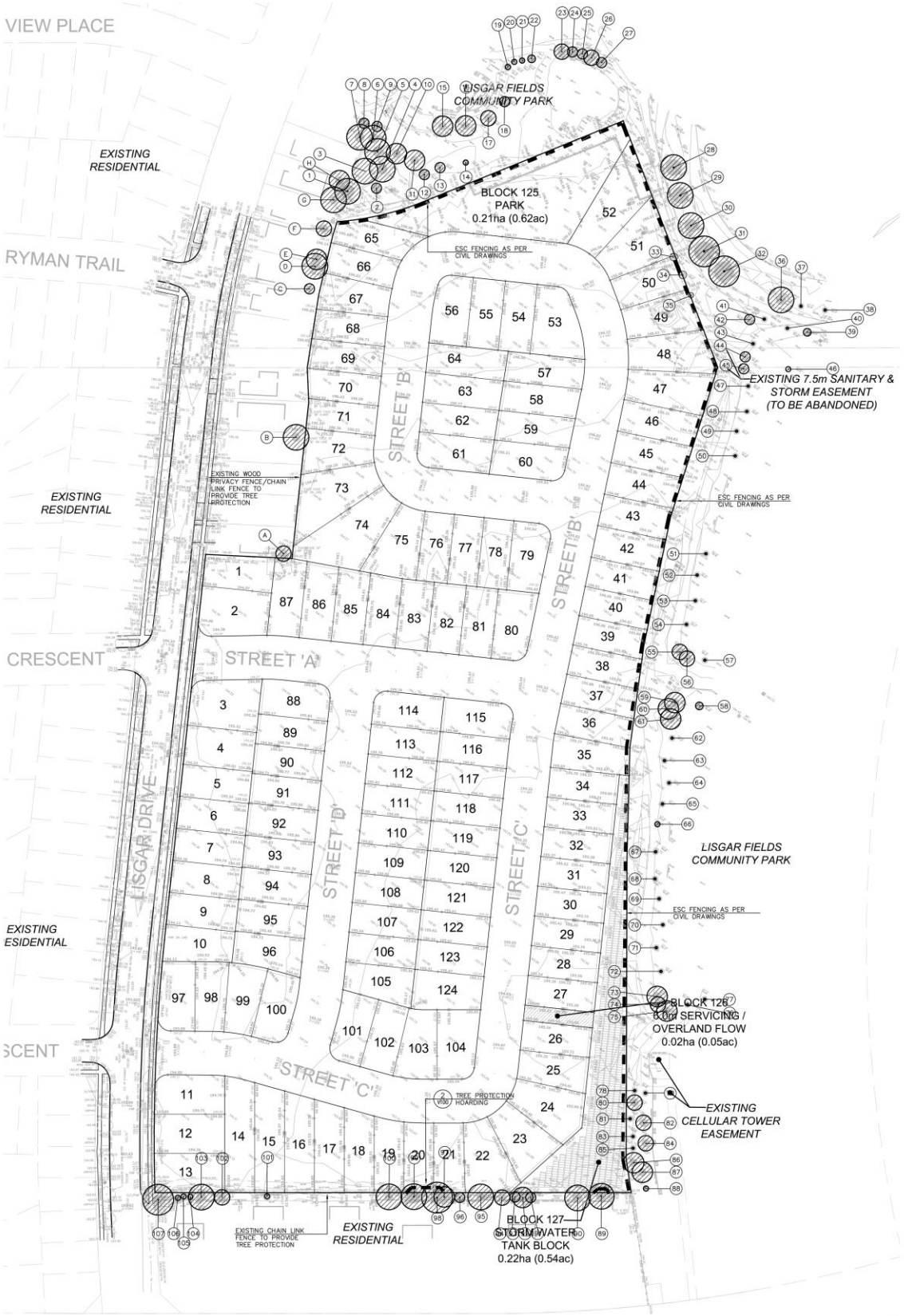
ARBORIST REPORT
Proposed Residential Subdivision – Northeast of Doug Leavens Blvd. & Lisgar Drive, Mississauga

APPENDIX A – CONTEXTUAL TREE INVENTORY & PRESERVATION PLAN (for context only)



Appendix B – SITE PHOTOGRAPHS

Northwest corner of site (view from existing park looking southwest)

North end of site (view north into existing playground)

Northwest corner of site (view from existing park looking south)

View northeast from site

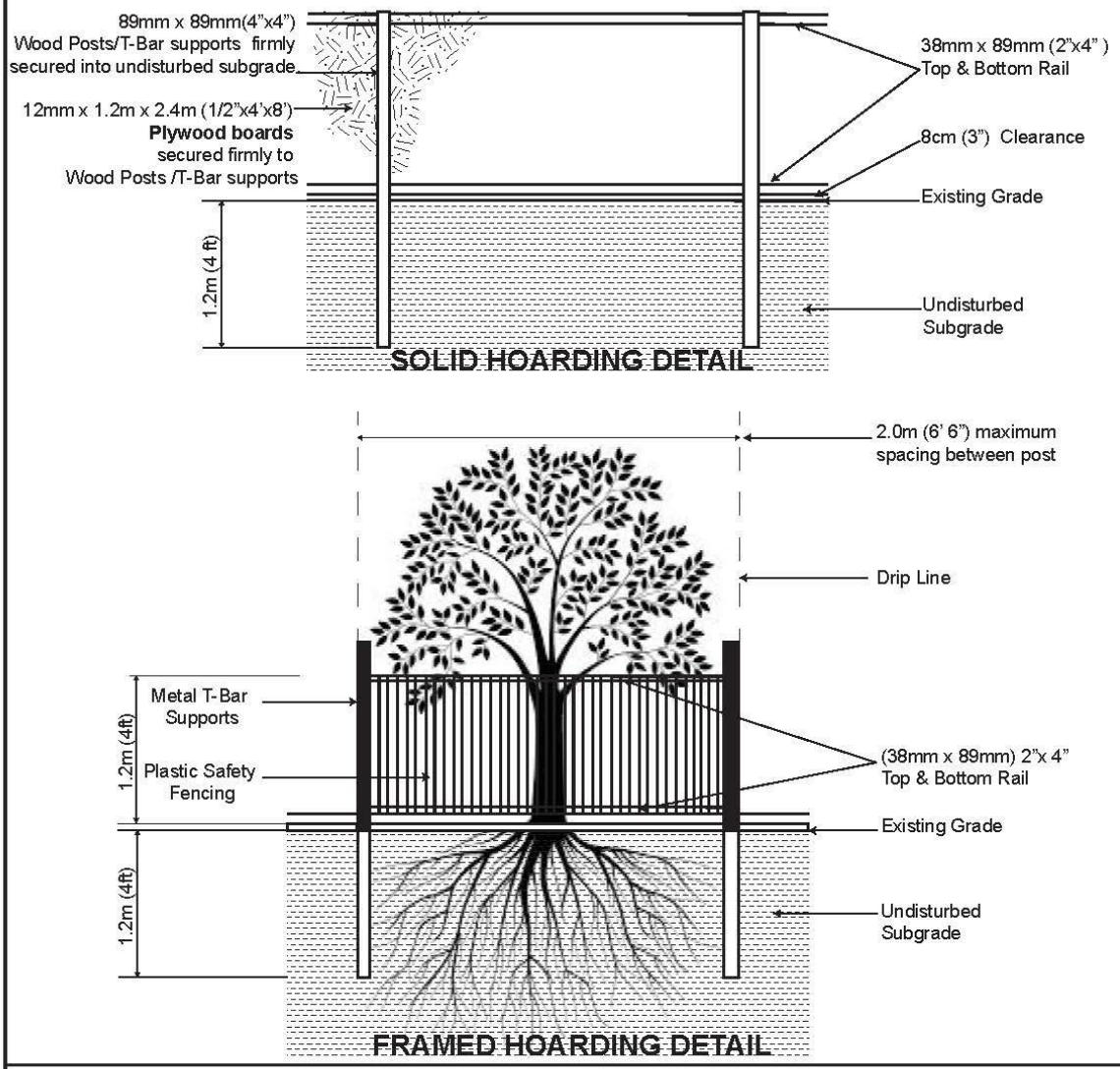
View east from site

View south from east side of site

Appendix B **– SITE PHOTOGRAPHS**

	
Southeast corner of site (view north)	South side of site (view southwest)

Appendix C – TREE PROTECTION HOARDING DETAIL



NOTES:

1. Hoarding details to be determined following initial site inspection.
2. Private tree hoarding to be approved by Development & Design ;
   City tree hoarding to be approved by Community Services Dept.
3. Hoarding must be supplied, installed and maintained by the applicant throughout all phases of construction.
   Inspection must be conducted by the Development and Design Division prior to removing any/all private hoarding.
4. Do not allow water to collect and pond behind or within hoarding.
5. **T-bar supports are acceptable alternative to 4x4 posts. U-shaped metal supports will not be accepted.**
6. **Plywood** must be utilized for 'solid' hoarding. OSB/Chipboard will not be accepted for solid hoarding. Plywood sheets must be installed on "construction" side of frame.
7. Applicant is responsible to ensure utility locates are completed within city boulevard prior to installing framed hoarding.

TREE PRESERVATION HOARDING

MISSISSAUGA

SCALE : N.T.S DATE : June 2017