



Arborist Report

**901 Essa Road
City of Barrie**

Prepared for:
Brown Bear Dev Ltd.

Prepared by:
Azimuth Environmental
Consulting, Inc.

May 2022

AEC 22-181



Environmental Assessments & Approvals

May 6, 2022

AEC 22-181

Brown Bear Dev Ltd.
Unit 212, 200 Consumers Road
Toronto, Ontario
M2J 4R4

Attention: Mr. Adil Siddiqui

Re: Arborist Report – 901 Essa Road, City of Barrie

Dear Mr. Siddiqui:

Azimuth Environmental Consulting, Inc. (Azimuth) is pleased to submit our Arborist Report for the above noted development property within the City of Barrie.

This report includes the results of our tree inventory completed for all trees (10cm dbh or greater) located on the property. It should be noted that no trees were observed on neighbouring properties within approximately 6 metres of all property boundaries. It is recommended that all trees on the property be removed to accommodate development and no tree preservation is feasible.

If you have any questions pertaining to the information within this report, please do not hesitate to contact myself directly.

Yours truly,

AZIMUTH ENVIRONMENTAL CONSULTING, INC.

Drew West, Dipl.T. (Env.)
Certified Arborist (ISA# ON-1429A)



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1.0 INTRODUCTION

Azimuth Environmental Consulting, Inc. (Azimuth) was retained by the proponent (landowner) to prepare an Arborist Report for the proposed development property located at 901 Essa Road within the City of Barrie.

The land proposed for development is approximately 0.8 hectare (2.0 acres) in area and currently consists of a residential property with an existing active dwelling. Adjacent land uses include vacant, residential and commercial properties, some which are currently under development.

In total, 15 trees were included in the inventory and assessed for this report which are scattered throughout the subject property (see Figure 1). The majority of species are native and likely planted as part of the residential landscape. The full list of species found on the property is included in Figure 1.

As tree preservation is not feasible within the subject property and no neighbouring/boundary trees are located within 6 metres of all property boundaries, no Tree Preservation Plan was deemed necessary.

2.0 METHODOLOGY

A tree inventory was completed on April 3, 2022 by Drew West, ISA Certified Arborist (ON-1429A). There was no construction activity on the site at the time of the field study. All trees with a dbh (diameter at breast height) of 10cm or greater located on the subject property were inventoried and assessed. This field inventory included the following elements:

- Inventory of all trees located within the anticipated limits of site disturbance, including all specimens with a dbh of at least 10cm. Trunk diameter measurements were taken at approximately 1.4 metres (4.5') above ground surface at the base of each tree. Canopy width measurements (m) were also documented.
- Recorded species (common and scientific names), dbh (cm) and condition/health status of all trees. Tree health assessments were graded as either 'Good', 'Fair', 'Poor' or 'Dead' based on percentage of live crown, evidence of internal trunk rot/damage, tree structure/form and disease.
- Recorded location of each tree inventoried using a hand-held GPS unit (accuracy +/- 3 metres) to plot tree locations relative to the proposed limits of disturbance.



3.0 DISCUSSION

3.1 Tree Removal

Of the 15 trees included in the inventory, all trees are recommended for removal due to the proposed development encompassing the entire subject property.

3.2 Tree Protection

No trees are recommended for protection/preservation as all trees included in the inventory are susceptible to significant impacts due to the proposed construction (i.e., grading, excavations, etc.).

3.3 Species at Risk

No trees considered Species at Risk/Endangered (including Butternut) were found on or adjacent to the subject lands.

4.0 CONCLUSIONS

A total of 15 trees were documented and assessed during the tree inventory for the subject property. All trees documented are recommended for removal due to the proposed development encompassing the entire property and tree preservation is not feasible.



APPENDICES

Appendix A: Figures



APPENDIX A

Figures

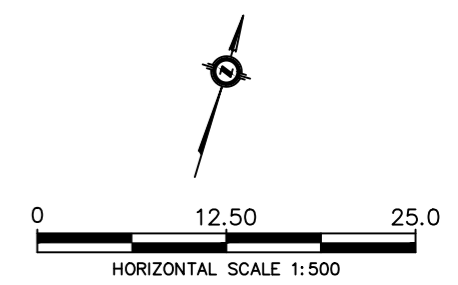
Tree ID #	Common Name	Scientific Name	DBH (cm)	Canopy Spread (m)	Condition Rating	Proposed Action	Reason For Removal / Notes
1	Eastern White Cedar	<i>Thuja occidentalis</i>	25, 14	2.5	Good	Remove	Located within development area, good health condition, 2 stems
2	Eastern White Cedar	<i>Thuja occidentalis</i>	16	2.5	Good	Remove	Located within development area, good health condition
3	Eastern White Cedar	<i>Thuja occidentalis</i>	28, 19	2.5	Good	Remove	Located within development area, good health condition, 2 stems
4	Eastern White Cedar	<i>Thuja occidentalis</i>	29	2.5	Good	Remove	Located within development area, good health condition
5	Eastern White Cedar	<i>Thuja occidentalis</i>	30	2.5	Good	Remove	Located within development area, good health condition, multistemmed
6	Eastern White Cedar	<i>Thuja occidentalis</i>	20, 15	2.5	Good	Remove	Located within development area, good health condition, 2 stems
7	Scots Pine	<i>Pinus sylvestris</i>	33	4.5	Good	Remove	Located within development area, good health condition
8	White Spruce	<i>Picea glauca</i>	10	1.0	Good	Remove	Located within development area, good health condition
9	White Spruce	<i>Picea glauca</i>	10	1.0	Good	Remove	Located within development area, good health condition
10	White Spruce	<i>Picea glauca</i>	10	1.0	Good	Remove	Located within development area, good health condition
11	White Spruce	<i>Picea glauca</i>	12	1.2	Good	Remove	Located within development area, good health condition
12	Unknown Spruce sp.	<i>Unknown Picea sp.</i>	39	4.3	Good	Remove	Unknown landscape/hybrid species, located within development area, good health condition
13	Sugar Maple	<i>Acer saccharum</i>	12	1.5	Good	Remove	Located within development area, good health condition
14	Sugar Maple	<i>Acer saccharum</i>	16	1.8	Good	Remove	Located within development area, good health condition
15	American Elm	<i>Ulmus americana</i>	10	2.5	Good	Remove	Located within development area, good health condition



LEGEND:

--- APPROX. PROPERTY BOUNDARY

● TREE LOCATION



TREE LOCATION PLAN

**901 ESS ROAD
BARRIE, ON**

DATE ISSUED:	MAY 2022	Figure No.
CREATED BY:	A.L.	1
PROJECT NO.:	22-181	
REFERENCE:	SIMCOE COUNTY	

Plotted by: ALU on May 6, 2022 at 11:10am
 File: G:\22_projects\22-181_brown_bar_-_natural_heritage_and_arborist\04.0_-_drafting\22-181_Tree_Location_Plan.dwg Layout: TPP_Plotstyle: 1