

**Tree Inventory & Preservation Plan Report  
721 Eastern Avenue  
Toronto, Ontario**

prepared for

**Terraplan Landscape Architects  
20 Champlain Blvd,  
Toronto, Ontario M3H 2Z1**

prepared by



---

146 Lakeshore Road West  
PO Box 1267 Lakeshore W PO  
Oakville ON L6K 0B3  
t: 289.837.1871 f: 866.693.6390  
e: [consult@kuntzforestry.ca](mailto:consult@kuntzforestry.ca)

16 December 2016, revised 27 November 2017, 22 February 2018, and 05 March 2018

KUNTZ FORESTRY CONSULTING INC Project P1430

## Introduction

Kuntz Forestry Consulting Inc. was retained by Terraplan Landscape Architects to complete a Tree Inventory and Preservation Plan for the proposed development located at 721 Eastern Avenue in Toronto, Ontario (the Subject Property). This version of the report supersedes the March 2017 version.

The work plan for this tree preservation study included the following:

- Prepare inventory of the tree resources greater than 15cm diameter at breast height (DBH) on private lands and trees of all sizes within the road right-of-way, on and within six metres of the Subject Property;
- Evaluate potential tree saving opportunities based on proposed development plans; and
- Document the findings in a Tree Inventory and Preservation Plan Report.

## Policy Framework

The Subject Property is subject to the provisions of the City of Toronto's Private Tree-By-law (Chapter 813) which regulates tree injury and destruction of individual trees within the City of Toronto. Preliminary information is acquired on individual trees which are then categorized in compliance with the by-law in support of development applications. Tree categories range from one through five and are as follows:

### **Categories**

- 1. Trees with diameters of 30 cm or more situated on private property on the subject site.*
- 2. Trees with diameters of 30 cm or more, situated on private property, within 6 m of the subject site.*
- 3. Trees of all diameters situated on City owned parkland within 6 m of the subject site.*
- 4. On lands designated under City of Toronto Municipal Code, Chapter 658, Ravine and Natural Feature Protection, trees of all diameters within 10 metres of any construction activity.*
- 5. Trees of all diameters situated within the City road allowance adjacent to the subject site. (City of Toronto, 2008).*

## Methodology

Tree resources were assessed utilizing the following parameters:

**Tree #** - number assigned to tree that corresponds to Figure 1.

**Species** - common and botanical names provided in the inventory table.

**DBH** - diameter (centimetres) at breast height, measured at 1.4 m above the ground.

**Condition** - condition of tree considering trunk integrity, crown structure, and crown vigour. Condition ratings include poor (P), fair (F) and good (G).

**Comments** - additional relevant detail.

Trees measuring over 15cm DBH on and within six metres of the Subject Property and trees of all sizes within the road right-of-way were included in the inventory. Trees were located using the topographic survey of the Subject Property and estimations made in-

field. Trees were tagged using numbers 174-200 and 301-329. Trees that could not be tagged were identified as Trees A-Z and AA-AH. A polygon (group of trees) was identified as P1 and was assessed by 100% tally, categorizing trees by species, size class, and condition [AGS(acceptable growing stock) and UGS (unacceptable growing stock)]. Refer to Tables 1 and 2 for the results of the inventory and Figure 1 for the locations of trees identified in the inventory.

## Existing Site Conditions

The Subject Property is currently occupied by a film production studio, warehouse uses, and associated outdoor storage. The property contains an extensive asphalt surface driveway throughout. Tree resources exist in the form of landscape trees, including boulevard trees surrounding the Subject Property.

## Tree Resources

The tree inventory was conducted on 07 December 2016. The inventory documented 90 trees and one polygon on and within six metres of the Subject Property. Refer to Tables 1 and 2 for the full tree inventory and Figure 1 for the location of trees reported in the tree inventory.

Tree resources included in the inventory are comprised of Blue Spruce (*Picea pungens*), Green Ash (*Fraxinus pennsylvanica*), Tree of Heaven (*Ailanthus altissima*), Eastern Cottonwood (*Populus deltoides*), Freeman Maple (*Acer x freemanii*), Bur Oak (*Quercus macrocarpa*), Kentucky Coffeetree (*Gymnocladus dioicus*), Siberian Elm (*Ulmus pumila*), Turkish Hazel (*Corylus colurna*), Horsechestnut (*Aesculus hippocastanum*), Common Hackberry (*Celtis occidentalis*), Black Locust (*Robinia pseudoacacia*), Willow species (*Salix spp.*), and Manitoba Maple (*Acer negundo*).

## Proposed Development

Per Urban Strategies Inc., the following section discusses the planning and vision for the site.

### Background

*On March 31, 2017, General Motors of Canada Company (GM Canada) submitted an application for a Zoning By-law Amendment along with a Plan of Subdivision (files 17 137240 STE 30 OZ and 17 137249 STE 30 SB respectively) to permit the development of office space, research and development facilities, ancillary retail, and an auto dealership on the Subject Property. As part of the above-noted applications, the Toronto GM Mobility Campus Planning Rationale (dated March 29, 2017) was submitted to the City. A Notice of Complete Application and Assignment of Application under the City's STAR Process was received on May 18, 2017.*

*An Official Plan Amendment (OPA) application was submitted on October 30, 2017. A Notice of Complete Application for the OPA was received dated November 6, 2017.*

*On November 30, 2017, an application for Site Plan Approval was filed for the development of Site 1 and the new Public Right-of-Way (17 269708 STE 30 SA). An updated report, dated November 27, 2017, was submitted as part of that application.*

## **The Development**

GM Canada envisions a master planned employment campus that secures the Subject Property as an employment generator for the long term while integrating a range of employment uses in well designed and attractive urban buildings. As in the March 2017 and November 2017 submissions, at full build-out, the proposed development will support employment space across 3 development blocks (referred to as Site 1, 2 and 3) and a publicly accessible private open space (referred to as Innovation Plaza or Site 4). The development proposal for the Subject Property provides for 74,500m<sup>2</sup> of employment uses, creating an opportunity for up to 2,550 new high-order jobs.

The development will occur in phases. The first phase prioritizes the development of the Toronto GM Mobility Campus, Innovation Plaza and the new public ROW and associated infrastructure and grading. Phase 2 includes the development of Sites 2 and 3 and additional site works.

### **Phase 1: the GM Campus**

#### **Site 1**

The “Toronto GM Mobility Campus” will be located on the south portion of the Subject Property (“Site 1”). The Toronto GM Mobility Campus will be housed in a multi-functional 5-storey 26,266m<sup>2</sup> building, comprised entirely of employment uses. The building has been carefully designed in order to ensure prominence, visibility, access and an active frontage on Lake Shore Boulevard, Eastern Avenue and the new public ROW.

#### **New Public Right-of-Way**

The proposed development will be serviced by a new public ROW that will connect Eastern Avenue to Lake Shore Boulevard and the Lower Don Trail through the Subject Property. The new Rushbrooke Avenue Public Right-of-Way (or “new public ROW”) is designed as a local road with a 20.0m wide ROW aligning with the eastern property line of the Subject Property.

#### **Innovation Plaza**

Innovation Plaza - the new privately owned but publicly accessible open space - will form the main pedestrian link south from Eastern Avenue to the GM Mobility Campus. This enhancement will be provided in the first phase of development with Site 1 in an interim condition and will be enhanced through subsequent development approvals associated with Site 2 and Site 3.

### **Phase 2: Sites 2 + 3**

The northern portion of the Subject Property is composed of Sites 2 and 3 and an enhanced Innovation Plaza. Sites 2 and 3 are proposed to be developed for over 48,000m<sup>2</sup> (~518,000ft<sup>2</sup>) of combined non-residential uses including office and ancillary employee-serving retail uses. When combined with the employment space proposed in the GM Campus, the entire Subject Property will be a long-term employment generator for the immediate South of Eastern community and the broader City.

*The OPA, ZBA and Plan of Subdivision applications address Sites 2 and 3 to provide for and secure a general framework for the entirety of the Subject Property. No site plan application has yet been submitted for Sites 2 and 3 as a detailed design exercise will only occur when a development partner is brought on or the lands are sold.*

Refer to Figure 1 and the Quadrangle Site Plan dated March 5, 2018 for the existing conditions and proposed site plan.

## **Discussion**

The following sections provide a discussion and analysis of development impacts, tree removal requirements, and tree preservation relative to the proposed development and existing conditions.

### *Development Impacts/Tree Removals*

The removal of 52 trees will be required to accommodate the proposed development. 47 of these trees are located within the ROW, and five are located on neighbouring properties. Required removals are identified as Trees 174-200, 301, 303-315, A-E, G, I, AC, AD, AF, and AH. 20 additional trees within the ROW are recommended for removal due to their condition, regardless of the proposed site plan. Trees recommended for removal due to their condition are identified as Trees 302, 316-329, H, Y, AB, AE, and AG.

Of these trees, trees 174-200, 301-329, G, H, I, Y, AB, and AC-AH are located within the right-of-way of the proposed new public road (Category 5 trees), and Tree C is greater than 30cm DBH and shared with the neighbouring property owner (Category 1/2 tree). Trees D and E are located on the neighbouring property to the west and are greater than 30cm DBH (Category 2 trees). A permit from the City of Toronto is required prior to the removal of these trees, and permission from the neighbouring property owners is required prior to the removal of neighbouring trees, including Trees A-E. Refer to Figure 1 for the locations of these trees and Tables 1 and 2 for their conditions.

Trees G, I, AC, AF, and AH should be considered good candidates for transplant.

As per the above, Trees AC, AD, AF, and 311-315 were originally identified for preservation in the March 2017 version of this report but are now identified for removal to accommodate the proposed enhanced landscaping through this area.

### *Tree Preservation*

The preservation of Trees F, J-X, Z, AA, and P1 will be possible with appropriate tree protection measures as indicated on Figure 1. Tree protection measures will have to be implemented prior to construction to ensure tree resources designated for retention are not impacted. Refer to Figure 1 for the location of required tree preservation fencing, general Tree Protection Plan Notes, and the tree protection barrier detail.

### *Tree Compensation*

The removal of trees within the Lakeshore Boulevard East right-of-way will be required. This portion of the property is designated as a Natural Heritage System in the City of Toronto's Official Plan. A total of 67 trees are identified for removal through this area. Species identified for removal include: 63% Blue Spruce, 21% Green Ash, 6% Horsechestnut, 3% Bur Oak, 3% Kentucky Coffeetree, 1% Turkish Hazel, 1% Catalpa, and 1% Hackberry. The majority of these trees are relatively small (<20cm DBH).

127 trees are proposed to be planted throughout the site. Ultimately, the site will see an increase in canopy cover as a result of the plantings. The site will also see an increase in biodiversity as a result of the new plantings. In addition to shrubs, the following species of trees are proposed:

*Acer saccharinum*  
*Amelanchier canadensis*  
*Carya ovata*  
*Celtis occidentalis*  
*Ginkgo bilboba*  
*Gledista triacanthos*  
*Nyssa sylvatica*  
*Pinus strobus*  
*Platanus x acerifolia*  
*Quercus macrocarpa*  
*Tilia americana*

Refer to plans prepared by Terraplan Landscape Architects for the planting plan.

## Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by Terraplan Landscape Architects to complete a Tree Inventory and Preservation Plan in support of the proposed development for 721 Eastern Avenue in Toronto, Ontario. A tree inventory was conducted and reviewed in the context of the proposed site plan.

The findings of the study indicate a total of 90 trees and one polygon on and within six metres of the Subject Property. The removal of 52 trees will be required to accommodate the proposed development. An additional 20 trees are recommended for removal due to their condition (diseased and/or in decline), regardless of the site plan. All other trees can be saved provided appropriate tree protection measures are installed prior to construction.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figure 1 for additional tree preservation notes.

- Tree protection barriers and fencing should be erected at distances as prescribed on Figure 1.
- Tree protection measures will have to be implemented prior to construction to ensure the trees identified for preservation are not impacted by the development.
- Branches and roots that extend past prescribed tree protection zones that require pruning must be pruned by a qualified Arborist or other tree professional. All pruning of tree roots and branches must be in accordance with good arboricultural standards.

- Site visits, pre, during, and post construction are recommended by either a certified consulting arborist (I.S.A.) or registered professional forester (R.P.F.) to ensure proper utilization of tree protection barriers. Trees should also be inspected for damage incurred during construction to ensure appropriate pruning or other mitigation measures are implemented.

Respectfully Submitted,

**Kuntz Forestry Consulting Inc.**

Steven Ardron

Steven Ardron, B.Sc.  
ISA Certified Arborist #ON1854-A

Celine Batterink

Celine Batterink, H.B.Sc. Ecology  
Associate Ecologist, ISA Certified Arborist #ON1546-A

## Table 1. Tree Inventory

Location: 721 Eastern Avenue, Toronto

Date: 07 December 2016 Surveyors: SA

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	Cat.	Comments	Action
174	Blue Spruce	<i>Picea pungens</i>	~16	G	G	G		5	Pruning wounds (L)	Remove
175	Blue Spruce	<i>Picea pungens</i>	19	F-G	G	G		5	Lean (L), Sweep (L), Pruning wounds (L)	Remove
176	Blue Spruce	<i>Picea pungens</i>	17.5	G	G	G		5	Pruning wounds (L), Lean (VL)	Remove
177	Blue Spruce	<i>Picea pungens</i>	19	F-G	G	G		5	Lean (L), Pruning wounds (L)	Remove
178	Blue Spruce	<i>Picea pungens</i>	15.5	F-G	G	G		5	Pruning wounds (L), Lean (L)	Remove
179	Blue Spruce	<i>Picea pungens</i>	15	F-G	G	G		5	Pruning wounds (L), Crooked stem (L)	Remove
180	Blue Spruce	<i>Picea pungens</i>	16.5	G	G	G		5	Pruning wounds (L)	Remove
181	Blue Spruce	<i>Picea pungens</i>	19	G	G	F-G		5	Deadwood (L), Pruning wounds (L)	Remove
182	Blue Spruce	<i>Picea pungens</i>	16	G	G	G		5	Lean (L), Pruning wounds (L)	Remove
183	Blue Spruce	<i>Picea pungens</i>	16	G	G	G		5	Pruning wounds (L), Deadwood (VL)	Remove
184	Blue Spruce	<i>Picea pungens</i>	23.5	G	G	G		5	Pruning wounds (L), Deadwood (VL)	Remove
185	Blue Spruce	<i>Picea pungens</i>	16	F	F	F		5	Lean (M), Sweep (L), Deadwood (M), Pruning wounds (L)	Remove
186	Blue Spruce	<i>Picea pungens</i>	17	F-G	F-G	F-G		5	Deadwood (L), Lean (VL), Sweep (VL)	Remove
187	Blue Spruce	<i>Picea pungens</i>	13	F	F-G	F-G		5	Lean (M), Crook at 2m, sweep (L), Pruning wounds (L), Deadwood (VL)	Remove
188	Blue Spruce	<i>Picea pungens</i>	17	F-G	G	F-G		5	Lean (L), Sweep (VL), Pruning wounds (L), Deadwood (VL)	Remove
189	Blue Spruce	<i>Picea pungens</i>	16	P-F	F	F-G		5	Poor form, Lean (H), Crook at 1.6m, Pruning wounds (L)	Remove
190	Blue Spruce	<i>Picea pungens</i>	16	F-G	G	G		5	Lean (L), Crook at 2m, Deadwood (VL), Bow (L), Pruning wounds (L)	Remove
191	Blue Spruce	<i>Picea pungens</i>	16	F	F-G	G		5	Lean (L), Crook at 3m, Deadwood (VL), Asymmetric crown (L), Pruning wounds (L)	Remove
192	Blue Spruce	<i>Picea pungens</i>	14.5	G	F-G	G		5	Asymmetric crown (L), Pruning wounds (L)	Remove
193	Blue Spruce	<i>Picea pungens</i>	14	F-G	F-G	F-G		5	Lean (VL), Crooked stem (L), Deadwood (VL), Asymmetric crown (L)	Remove
194	Blue Spruce	<i>Picea pungens</i>	16.5	G	G	G		5	Deadwood (VL)	Remove
195	Blue Spruce	<i>Picea pungens</i>	12.5	G	G	G		5	Pruning wounds (L), Deadwood (VL)	Remove
196	Blue Spruce	<i>Picea pungens</i>	14	F-G	F-G	F		5	Pruning wounds (L), Deadwood (L), Lean (L), Crooked stem (L), Losing vigor	Remove
197	Blue Spruce	<i>Picea pungens</i>	14.5	F	F	F		5	Pruning wounds (L), Lean (L), Bow (L), Poor form, Asymmetric crown (L), Losing vigor	Remove
198	Blue Spruce	<i>Picea pungens</i>	14	F	F	F		5	Asymmetric crown (M), Bow (L), Deadwood (L), Losing vigor	Remove
199	Blue Spruce	<i>Picea pungens</i>	12	F-G	F-G	F		5	Pruning wounds (L), Crooked stem (L), Deadwood (L), Losing vigor	Remove
200	Blue Spruce	<i>Picea pungens</i>	16	F-G	F-G	F-G		5	Deadwood (L), Pruning wounds (L), Lean (L), Crooked stem (L)	Remove
301	Blue Spruce	<i>Picea pungens</i>	17.5	F-G	G	G		5	Lean (L), Pruning wounds (L), Deadwood (VL)	Remove
302	Blue Spruce	<i>Picea pungens</i>	11	F	P-F	P-F	40	5	Asymmetric crown (H), Deadwood (M), Lean (L), Pruning wounds (L), <b>Removal recommended</b>	Remove (Condition)
303	Blue Spruce	<i>Picea pungens</i>	3.5	G	F-G	F-G		5	Asymmetric crown (L), Deadwood (L), Pruning wounds (L)	Remove
304	Blue Spruce	<i>Picea pungens</i>	14	F-G	F-G	F		5	Deadwood (L), Pruning wounds (L), Asymmetric crown (L), Crooked stem (L), Losing vigor	Remove
305	Blue Spruce	<i>Picea pungens</i>	17	F-G	G	G		5	Lean (L), Sweep (L)	Remove
306	Blue Spruce	<i>Picea pungens</i>	~14	F-G	F-G	F		5	Deadwood (L), Pruning wounds (L), Crooked stem (L), Losing vigor	Remove
307	Blue Spruce	<i>Picea pungens</i>	16.5	F-G	F-G	F		5	Deadwood (L), Pruning wounds (L), Crooked stem (VL), Nail inclusions, Losing vigor	Remove
308	Blue Spruce	<i>Picea pungens</i>	16.5	F-G	F-G	F-G		5	Pruning wounds (L), Deadwood (L), Nail inclusions, Losing vigor	Remove
309	Blue Spruce	<i>Picea pungens</i>	17.5	G	G	G		5	Pruning wounds (L), Deadwood (VL)	Remove
310	Blue Spruce	<i>Picea pungens</i>	14	G	G	G		5	Pruning wounds (L), Deadwood (VL), Lean (VL)	Remove
311	Blue Spruce	<i>Picea pungens</i>	21.5	G	F-G	F-G		5	Pruning wounds (L), Deadwood (L), Vine competition (VL), Losing vigor	Remove
312	Blue Spruce	<i>Picea pungens</i>	14	F	P-F	F		5	Lost leader, Pruning wounds (L), Deadwood (L), Losing vigor	Remove
313	Blue Spruce	<i>Picea pungens</i>	18.5	G	F	F-G		5	Lost leader, Pruning wounds (L), Deadwood (VL)	Remove
314	Blue Spruce	<i>Picea pungens</i>	15	F-G	F	F-G		5	Lost leader, Pruning wounds (L), Deadwood (VL), Lean (L)	Remove
315	Blue Spruce	<i>Picea pungens</i>	~21	G	G	G		5		Remove
316	Green Ash	<i>Fraxinus pennsylvanica</i>	14	P	F-G	F-G		5	Emerald Ash Borer infestation (H), Coppice growth (M), <b>Removal recommended</b>	Remove (Condition)
317	Green Ash	<i>Fraxinus pennsylvanica</i>	13, 13.5	P	F	F-G		5	Co-dominant at base, Lean (L), Bow (M), Emerald Ash Borer infestation (H), Asymmetric crown (L), Coppice growth (L), <b>Removal recommended</b>	Remove (Condition)
318	Green Ash	<i>Fraxinus pennsylvanica</i>	4.5, 6, 6.5, 7, 7.5	P	F-G	F-G		5	Co-dominant at base and 1.1m, Emerald Ash Borer infestation (H), Deadwood (L), <b>Removal recommended</b>	Remove (Condition)
319	Green Ash	<i>Fraxinus pennsylvanica</i>	10.5	P	P-F	P-F		5	Asymmetric crown (H), Emerald Ash Borer infestation (H), Deadwood (H), Coppice growth (M), Leader dead, <b>Removal recommended</b>	Remove (Condition)
320	Green Ash	<i>Fraxinus pennsylvanica</i>	11, 13	P	P-F	F-G		5	Emerald Ash Borer infestation (H), Co-dominant at 0.2m, Bark peeling, Coppice growth (M), Asymmetric crown (L), <b>Removal recommended</b>	Remove (Condition)
321	Green Ash	<i>Fraxinus pennsylvanica</i>	6.5, 7.5, 11.5, 21	P	F-G	F-G		5	Co-dominant at base, Emerald Ash Borer infestation (H), Bark Peeling, <b>Removal recommended</b>	Remove (Condition)
322	Green Ash	<i>Fraxinus pennsylvanica</i>	15, 18.5	P	P-F	F-G		5	Bark Peeling, Co-dominant at 1m, Lean (L), Bow (M), Asymmetric crown (M), Coppice growth (L), Emerald Ash Borer (H), <b>Removal recommended</b>	Remove (Condition)
323	Green Ash	<i>Fraxinus pennsylvanica</i>	11	P	F	F-G		5	Coppice growth (M), Lean (L), Bow (M), Asymmetric crown (L), Emerald Ash Borer infestation (H), Bark peeling, <b>Removal recommended</b>	Remove (Condition)
324	Green Ash	<i>Fraxinus pennsylvanica</i>	10	P	F-G	F-G		5	Emerald Ash Borer infestation (H), Coppice growth (H), Bark peeling, <b>Removal recommended</b>	Remove (Condition)
325	Green Ash	<i>Fraxinus pennsylvanica</i>	3.5, 4, 4, 4.5, 6, 6, 13	P	F-G	F-G		5	Co-dominant at base and 0.6m, Emerald Ash Borer infestation (H), Deadwood (L), Bark splitting, Asymmetric crown (L), <b>Removal recommended</b>	Remove (Condition)
326	Green Ash	<i>Fraxinus pennsylvanica</i>	18, 18	P	F-G	F-G		5	Co-dominant at base, Emerald Ash Borer infestation (H), Coppice growth (M), Deadwood (L), <b>Removal recommended</b>	Remove (Condition)
327	Green Ash	<i>Fraxinus pennsylvanica</i>	12.5, 13.5, 15	P	F	F-G		5	Emerald Ash Borer infestation (H), Bark splitting and peeling, Bow (M), Lean (L), Co-dominant at 0.3m and 1.2m, <b>Removal recommended</b>	Remove (Condition)
328	Green Ash	<i>Fraxinus pennsylvanica</i>	12.5, 17, 18	P	F-G	F-G		5	Emerald Ash Borer infestation (H), Bark splitting and peeling, <b>Removal recommended</b>	Remove (Condition)
329	Green Ash	<i>Fraxinus pennsylvanica</i>	13	P	P-F	F-G		5	Emerald Ash Borer infestation (H), Coppice growth (M), Asymmetric crown (M)	Remove (Condition)
A	Tree of Heaven	<i>Ailanthus altissima</i>	18	F	G	G			Root restriction, Fence inclusion	Remove



B	Tree of Heaven	<i>Ailanthus altissima</i>	16	F	G	G			Root restriction, Fence inclusion	Remove
C	Eastern Cottonwood	<i>Populus deltoides</i>	~25, 30	F	G	G		1, 2	Co-dominant at 0.3m, Fence inclusion	Remove
D	Eastern Cottonwood	<i>Populus deltoides</i>	~41	F	F	F-G		2	Lean (L), Lost leader, Asymmetric crown (M), Epicormic branching (L)	Remove
E	Eastern Cottonwood	<i>Populus deltoides</i>	~41	F	F-G	F-G		2	Epicormic branching (M), Lost leader, Bow (L)	Remove
F	Freeman Maple	<i>Acer x freemanii</i>	19	F-G	F	P-F	40	5	Previously tagged 0169, Witches broom (M), Deadwood (M)	Retain
G	Bur Oak	<i>Quercus macrocarpa</i>	7	F-G	G	G		5	Lean (L), Bow (L)	Remove (Transplant Candidate)
H	Bur Oak	<i>Quercus macrocarpa</i>	4.5	F	P-F	P-F		5	Lean (L), Stem wound at crook at 2.1m, Coppice growth (M), Poor form, <b>Removal recommended</b>	Remove (Condition)
I	Catalpa	<i>Catalpa spp.</i>	4.5	G	G	G		5	Recently planted	Remove (Transplant Candidate)
J	Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	7	G	G	G		5		Retain
K	Siberian Elm	<i>Ulmus pumila</i>	11.5	G	G	G		5		Retain
L	Freeman Maple	<i>Acer x freemanii</i>	7.5	G	G	G		5		Retain
M	Turkish Hazel	<i>Corylus colurna</i>	7.5	G	G	G		5		Retain
N	Turkish Hazel	<i>Corylus colurna</i>	6	G	G	G		5		Retain
O	Horsechestnut	<i>Aesculus hippocastanum</i>	4	G	F-G	G		5	Lost leader - new branch assuming leader	Retain
P	Horsechestnut	<i>Aesculus hippocastanum</i>	5	G	F-G	G		5	Lost leader - new branch assuming leader	Retain
Q	Horsechestnut	<i>Aesculus hippocastanum</i>	5.5	G	F-G	G		5	Lost leader - new branch assuming leader	Retain
R	Turkish Hazel	<i>Corylus colurna</i>	5	G	G	G		5		Retain
S	Turkish Hazel	<i>Corylus colurna</i>	5.5	G	G	G		5		Retain
T	Turkish Hazel	<i>Corylus colurna</i>	5	G	G	G		5		Retain
U	Horsechestnut	<i>Aesculus hippocastanum</i>	3	G	F-G	G		5	Lost leader - new branch assuming leader	Retain
V	Horsechestnut	<i>Aesculus hippocastanum</i>	2.5	G	F-G	F-G		5	Lost leader - new branch assuming leader, Deadwood (L)	Retain
W	Horsechestnut	<i>Aesculus hippocastanum</i>	3.5	G	F-G	G		5	Lost leader - new branch assuming leader	Retain
X	Turkish Hazel	<i>Corylus colurna</i>	7.5	G	G	G		5		Retain
Y	Turkish Hazel	<i>Corylus colurna</i>	7	P-F	P	P	60	5	Lost leader, Coppice growth (H), Deadwood (H), <b>Removal recommended</b>	Remove (Condition)
Z	Turkish Hazel	<i>Corylus colurna</i>	5	G	G	G		5		Retain
AA	Turkish Hazel	<i>Corylus colurna</i>	10	G	G	G		5		Retain
AB	Horsechestnut	<i>Aesculus hippocastanum</i>	4	D	D	D	100	5	Dead - <b>Remove</b>	Remove (Condition)
AC	Horsechestnut	<i>Aesculus hippocastanum</i>	5	G	F-G	G		5	Lost leader - new branch assuming leader	Remove (Transplant Candidate)
AD	Horsechestnut	<i>Aesculus hippocastanum</i>	4	F	F-G	F-G	10	5	Lost leader - new branch assuming leader, Stem wounds (L), Deadwood (L)	Remove
AE	Horsechestnut	<i>Aesculus hippocastanum</i>	3	P-F	F	F	20	5	Lost leader - new branch assuming leader, Stem wounds at base (H), Deadwood (L), <b>Removal recommended</b>	Remove (Condition)
AF	Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	4.5	G	G	G		5	Newly planted	Remove (Transplant Candidate)
AG	Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	5	F-G	F	P-F	50	5	Deadwood (H), Co-dominant at 1.5m, <b>Removal recommended</b>	Remove (Condition)
AH	Hackberry	<i>Celtis occidentalis</i>	2.5	G	G	G		5	Newly planted	Remove (Transplant Candidate)
PI		See Table 2						2	See Table 2	Retain

Codes		
DBH	Diameter at Breast Height	(cm)
TI	Trunk Integrity	(G, F, P)
CS	Crown Structure	(G, F, P)
CV	Crown Vigor	(G, F, P)
CDB	Crown Die Back	(%)
cat	City of Toronto Tree By-law Category	1-5
~ = estimate; (VL) = very light; (L) = light; (M) = moderate; (H) = heavy		

## Table 2. Polygon Stand Analysis

**Location:** 721 Eastern Avenue

**Date:** 07 December 2016

**Surveyor:** Steven Ardron

**Compartment Number:** P1

**Stations Tallied:** 100% Tally

### Stand Analysis Tally (by Species, Size Class and Quality Class)

Tree Size Class >>>>	Polewood 10-24 cm		Sawtimber Sizes					
			Small 26-36 cm		Medium 38-48 cm		Large cm + 50	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Black Locust ( <i>Robinia pseudoacacia</i> )	2	2		1				
Willow Species ( <i>Salix spp.</i> )	1		1	2		2		1
Manitoba Maple ( <i>Acer negundo</i> )		1		1				
Tree of Heaven ( <i>Ailanthus altissima</i> )				1				
<b>Total Number of Trees</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>