First Capital Realty

2150 Lake Shore Boulevard West

Arborist Report and Tree Preservation Plan

May 15, 2020	A	Arben Pustina	Melissa Alexander	Mark Armstrong	Final
Date	**Rev.**	**Prepared By**	**Checked By**	**Approved By**	**Status**
HATCH					

Executive Summary

Hatch Ltd. (Hatch) was retained by First Capital Realty (FCR) and CPPIB Park Lawn Canada Inc. (The Owners) to prepare an Arborist Report and Tree Preservation Plan (Report) for lands known municipally as 2150-2194 Lake Shore Boulevard West and 23 Park Lawn Road.

Hatch prepared this Report following the guidelines provided by the City of Toronto Urban Forestry Department for the Completion of an Arborist Report (City of Toronto, 2011) and Tree Protection Policy and Specifications for Construction Near Trees (City of Toronto, 2016).

Applicable City of Toronto, provincial and federal guidelines, by-laws and regulations were reviewed and their applicability to this Site were assessed.

Tree inventory field visit was completed by an International Society of Arboriculture (ISA) Certified Arborist in good standing, Arben Pustina ON 1695 A, and an environmental specialist with Geographic Information System (GIS) skills to assist with mapping on April 16 and 20, 2020.

During the two days of field work a total number of 235 trees were inventoried and different tree attributes were collected (see Tree Inventory Plan in Appendix A). Species composition consists of 18% Russian olive, 11% Honey locust, 10% Manitoba maple, 8% White spruce, 7% Thornless honey locust, 5% Black willow and the rest of the tree species inventoried are under 5% representation in the Study Area. In addition 141 trees under 10 cm were recorded including 28 trees in RNFP, 34 trees in TRCA Lands and 79 trees in Parkland.

Tree condition assessment resulted in the following rating: 19% of the trees are in good condition, 68% of the trees are in fair condition, and 9% of the trees are in poor condition.

From the tree inventory data analysis, latest construction plan and preservation plan, it was concluded that 296 trees will be removed and 19 trees will be injured, including 107 trees under 10 cm DBH, respectively 74 trees in Parkland and 33 trees in RNFP. The Owners will require a permit for removal and injury of 266 trees from the City of Toronto (Parks, Forestry and Recreation Department). This includes trees on the Owners' property and City of Toronto properties that meet permitting requirements.

The Owner will continue to adhere to municipal by-laws and policies for tree removals on municipal land and private properties. Tree protection measures will follow municipal By-Laws, regulations and policies.

Compensation for tree removal will be completed in the form of tree planting or cash-in-lieu. Direction should be provided by the City of Toronto Urban Forestry Toronto/West Division regarding the requirements of a compensation strategy for trees within their jurisdiction.

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Glossary of Terms and Acronyms

BMP	Best Management Practice
CFIA	Canadian Food Inspection Agency
CS	Crown Structure
CV	Crown Vigour
DBH	Diameter at Breast Height
EAA	*Environmental Assessment Act* (Ontario)
EAB	Emerald Ash Borer
ECCC	Environment and Climate Change Canada
ESA	*Endangered Species Act*
EPR	Environmental Project Report
FCR	First Capital Realty
GIS	Geographic Information System
ISA	International Society of Arboriculture
MBCA	*Migratory Birds Convention Act*
MECP	Ministry of Environment, Conservation and Parks
O. Reg.	Ontario Regulation
PTE	Permission to Enter
RNFP	Ravine and Natural Feature Protection
ROW	Right-of-Way
TI	Trunk Integrity
TRCA	Toronto and Region Conservation Authority
TPZ	Tree Protection Zone

1. Introduction

First Capital Realty (FCR) and CPPIB Park Lawn Canada Inc. (The Owners) are planning to redevelop lands known municipally as 2150-2194 Lake Shore Boulevard West and 23 Park Lawn Road ('the site'). In support of the combined Zoning By-law Amendment Application, Draft Plan of Subdivision Application, and Official Plan Amendment resubmission ('the application'), a number of technical studies are required. The Owners have retained Hatch to prepare an Arborist Report and Tree Preservation Plan (Report) for the site.

1.1 Scope of Work

Hatch has prepared this Report based on the following scope of work:

- Conduct a site visit to make observations of any existing trees on-site which includes:
  - Review of the City of Toronto Tree Protection Policy and Specifications for Construction Near Trees, Articles I-III of Chapter 813, Article VII of Chapter 608, and Chapter 658 of the City of Toronto Municipal Code;
  - Take measurements of tree species, location, size, condition and category of all existing trees of all Diameter at Breast Height (DBH) sizes (at 1.4 m above ground) that are within 6 m of the Study Area and situated on City (publicly) owned property; and
  - Make note of physical features of the trees in terms of health, branching pattern, diseases and other noticeable stressors during the current season.
- Prepare an Arborist Report to identify preservation and protection techniques during construction, to provide suggestions for replacement species which includes:
  - Determine Tree Protection Zone (TPZ) for tree protection and preservation recommendations;
  - Provide rationale for tree removal; and
  - Identify areas within the Project Site that are suitable for restoration, compensation to offset vegetation losses and achieve a net gain in vegetation area to accurately reflect potential loss of biomass.

All observations and conditions documented within this report were based on Site conditions at the time when field visit was conducted.

The Study Area for the Arborist Report includes the site and the 6 m and 12 m buffers as described in Section 1.2.1.1 below. The following street trees are also included: street trees along Lake Shore Boulevard West between Park Lawn Road and Brokers Lane, and along Park Lawn Road between Lake Shore Boulevard West to Gardiner Express Way (see Figure 1-1 of the Study Area).

User Name: VILL77807

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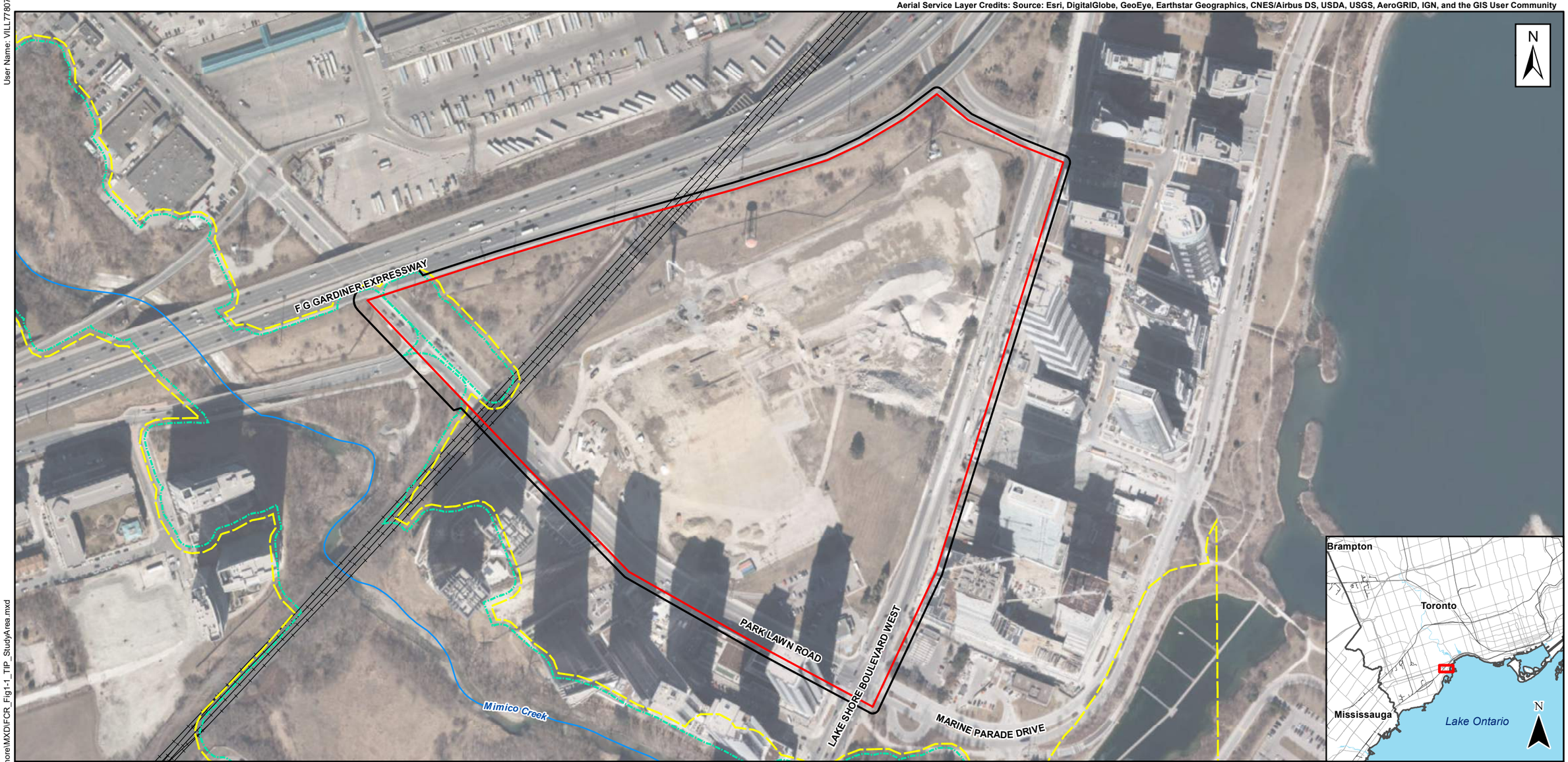

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LEGEND

- Project Location
- Study Area 6-12 Metres
- Railway
- Permanent Watercourse
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)

NOTES

1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 50 100 200 Meters

1:3,500

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan - Study Area**		
Prepared By: HATCH		**Date:** May 01, 2020	
Version: 1	**Review:** TORONTO	**Figure:** 1-1	**Page:** 1 of 1

1.2 Legislative Requirements

1.2.1 *City of Toronto Tree Protection By-Laws*

All trees situated on City of Toronto streets are protected under Article II, Chapter 813 of the City of Toronto Municipal Code. All trees in City parks are protected under Article VII, Chapter 608 of the City of Toronto Municipal Code. All trees located within the Ravine and Natural Features Protection (RNFP) area are protected under Chapter 658. Trees on private property with DBH 30 cm and over are protected under Article III, Chapter 813 of the City of Toronto Municipal Code. Privately-owned trees that do not qualify for protection under the private tree legislation, [i.e., less than 30 cm DBH] must be protected if they were planted as a condition of site plan approval and incorporated into a site plan agreement which was registered on title. Trees in this category are required to be maintained substantially in conformity with the approved drawings.

1.2.1.1 Applicability to the Project

The Study Area is located within the City of Toronto. Additionally, based on a review of the City of Toronto Interactive Map (version 2) that displays property limits, and the RNFP limit, the Study Area is within the RFNP limits. Therefore, the tree inventory was conducted within a 6 m buffer around the Project Site along City streets and Parkland and within a 12 m buffer within the RNFP area.

1.2.2 *Toronto and Region Conservation Authority*

The Toronto and Region Conservation Authority (TRCA) regulates watercourses, wetlands, and hazard lands (valleylands, shorelines, floodplains) through application of the Ontario Regulation 166/06 – Toronto and Region Conservation Authority: Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses, under Section 28 of the *Conservation Authorities Act*. Ontario Regulation (O. Reg.) 166/06 applies to hazardous lands that are defined in Section 28(25) of the *Conservation Authorities Act* as lands that could be unsafe for development because of naturally occurring processes associated with flooding, erosion, dynamic beaches or unstable soil or bedrock. The regulation limit for O. Reg. 166/06 is the applicable hazard limits for a property.

The main purpose of O. Reg. 166/06 is to ensure public health and safety, and protection of life and property in relation to natural hazards. This regulation establishes guidelines for development, interference with wetlands and alterations to shorelines and watercourses.

1.2.2.1 Applicability to the Project

Based on the review of the TRCA's Regulation Mapping Tool, part of the Project Site and Study Area, west of Park Lawn Road are mapped within the TRCA regulated area.

As the Project will require work within the Authority's regulated area, The Owners should engage with the TRCA and adhere to the intent of the TRCA requirements for regulated areas to meet the requirements of O. Reg. 166/06.

1.2.3 *Migratory Birds Convention Act, 1994*

The Migratory Birds Convention Act (MBCA) was passed in 1917 and updated in 1994. The MBCA protects migratory bird populations by regulating potentially harmful anthropogenic activities. The MBCA (1994) and the Migratory Birds Regulations (MBR) are federal legislative requirements that are binding on members of the public and all levels of government, including federal and provincial governments.

Protected bird species listed under Article I of the MBCA, are native or naturally occurring in Canada, and are species that are known to occur regularly in Canada. Therefore, if a listed species or their nest are encountered during Project works, compliance with the Act is required. As described in Section 6 of the associated MBR:

"Subject to subsection 5(9), no person shall:

- Disturb, destroy or take a nest, egg, nest shelter, Eider Duck shelter or duck box of a migratory bird, or have in his possession a live migratory bird, or a carcass, skin, nest or egg of a migratory bird except under authority of a permit therefor."

The "incidental take" of migratory birds and the disturbance, destruction or taking of the nest of a migratory bird is prohibited. "Incidental take" is the killing or harming of migratory birds due to actions, such as economic development, which are not primarily focused on taking migratory birds. No permit can be issued for the incidental take of migratory birds or their nest or eggs as a result of economic activities. These prohibitions apply throughout the year.

Environment and Climate Change Canada (ECCC) and the Canadian Wildlife Service have compiled nesting calendars that show the variation in nesting intensity by habitat type and nesting zone, within broad geographical areas distributed across Canada. While this does not mean nesting birds will not nest outside of these periods, the calendars can be used to greatly reduce the risk of encountering a nest. It is noted that ECCC advises avoidance is the best approach.

1.2.3.1 Applicability to the Project

The MBCA applies to all of Canada. As such, the MBCA is applicable to the entire Study Area. Therefore, if a species or their nest, that are listed under the MBCA are encountered during Project works, they must comply with the Act. As vegetation removal is part of future Project works, it is recommended that it occur outside of the core breeding time-period identified by the MBCA for the Project Site, which takes place from April 1st to August 31st in any given year.

1.2.4 *Canadian Food Inspection Agency*

The Canadian Food Inspection Agency (CFIA) Directive (D-03-08): Phytosanitary Requirements to Prevent the Introduction and Spread within Canada of the Emerald Ash Borer (EAB) *Agrilus planipennis (Fairmaire)* applies to Ash (*Fraxinus spp.*) species that are located within the EAB Regulated Areas of Canada as prepared by the CFIA. All Ash species found in North America, including cultivars and additional introduced *Fraxinus spp*., are

vulnerable to EAB infestation (CFIA, 2014). The intent of the Directive is to slow the spread of the EAB to new areas.

1.2.4.1 Applicability to the Project

The Study Area is within identified areas prohibiting the movement of regulated materials (including but not limited to Ash wood or bark and Ash wood chips or bark chips) from a regulated area. EAB regulated articles moving out of a regulated area must be accompanied by a Movement Certificate issued by the CFIA. Refer to the EAB Regulated Areas of Canada found on the CFIA website: http://www.inspection.gc.ca/plants/plant-pests-invasive-species/insects/emerald-ash-borer/areas-regulated/eng/1347625322705/1367860339942.

Only one ash tree under 10 cm was recorded in the Study Area, thus the directive is applicable to the proposed removals.

1.2.5 *Endangered Species Act, 2007*

Species designated as Threatened or Endangered by the Committee on the Status of Species at Risk in Ontario (COSSARO), otherwise known as the Species at Risk (SAR) in Ontario (SARO) List, and their habitats (e.g., areas essential for breeding, rearing, feeding, hibernation and migration) are automatically afforded legal protection under the *Endangered Species Act*, 2007 (ESA; Government of Ontario 2007).

In order to balance social and economic considerations with protection and recovery goals, the ESA also enables the Ministry of the Environment, Conservation and Parks (MECP) to issue permit and approval agreements with proponents in order to authorize activities that would otherwise be prohibited by subsections 9 (1) or 10 (1) of the ESA provided the legal requirements of the ESA are met.

1.2.5.1 Applicability to the Project

Habitat in southern Ontario is conducive for the growth and establishment of SAR tree species (e.g., Endangered Butternut (Juglans cinerea)). As part of this Tree Inventory Report, an inventory of the Study Area for tree SAR was completed. No butternut trees were identified during the field visits.

Kentucky Coffee-tree (Gymnocladus dioicus) is a tree species classified as Threatened under the ESA. The tree and its habitat are regulated under the ESA. Six Kentucky Coffee Trees were observed. All were located within the City ROW and have been planted. Although the MECP has not been contacted in this instance, previous correspondence for similar assignments has resulted in an exemption from the ESA permit process based on the origin and use as an amenity tree within a street setting.

No additional SAR trees were identified during the field visits at the Study Area.

2. Methodology

The preparation of this Report has followed the guidelines provided by the City of Toronto Urban Forestry Department for the Completion of an Arborist Report (City of Toronto, 2011)

and Tree Protection Policy and Specifications for Construction Near Trees (City of Toronto, 2016).

Prior to conducting fieldwork, a desktop study was conducted to review the site location and applicable City of Toronto Tree By-Laws using the City of Toronto's Interactive Map (version 2), which displays property limits, and the RNFP limit to evaluate existing conditions. The TRCA Regulated Area was identified using Online Regulatory Search Tool. In addition, other guidelines, documents and by-laws were reviewed and used as reference for the preparation of the Report (see Section 8 at the end of this report).

Tree inventory field visit was completed by an International Society of Arboriculture (ISA) Certified Arborist in good standing, Arben Pustina ON 1695 A, and an environmental specialist with Geographic Information System (GIS) skills to assist with mapping on April 16 and 20, 2020.

Field work was completed as follows:

- Field data was collected into the Samsung A electronic tablet;
- Trees were inventoried specific to City of Toronto Tree By-Laws and their tree category (as summarized in Appendix A and shown in plan view in Appendix B):
  - Category 1: Trees with a DBH of 30 cm or more on private property.
  - Category 2: Trees with a DBH of 30 cm or more on private property, within 6 m of the Study Area.
  - Category 3: Trees of all diameters on City owned parkland, within 6 m of the Study Area.
  - Category 4: Trees of all diameters within the RNFP Limit, within 12 m of the Study Area.
  - Category 5: Trees of all diameters within the City road allowance, adjacent to the Study Area.
- In addition, an inventory of trees between 10-30 cm was conducted to help to identify the total number of trees in the project site using Category 6 for identification.
- Trees were inventoried for location, size, species, condition and category for all trees of any size DBH on City-owned property that is within the Study Area, and those neighboring City trees that overhang or encroach the Study Area and have the potential to be impacted by the proposed development;
- Tree locations were collected in the collector map; and
- Photographs were taken using a digital camera (see Appendix C).

All trees included as part of this assessment were inspected visually from the ground. This included a non-invasive inspection of each tree documenting site conditions, buttress roots,

trunk, and branches. This is considered a standard assessment that is performed by arborists to identify tree conditions from the ground level. It is understood that trees and other vegetation are living organisms and subject to change, damage, and disease. Therefore, the results provided within this Report reflect those conditions on the date the assessment was completed.

The results from this basic assessment should not be relied on for internal, below-ground and/or upper crown conditions or defects, as these areas may not be possible to visually inspect from the ground level. Although observations on structural integrity have been provided, it is beyond the scope of this Report to provide hazard ratings and/or prescribed measures to mitigate risk.

It is noted that trees observed were not climbed, probed, cored, or dissected, and excavation for detailed root crown inspection was not performed. Since some symptoms may only be present seasonally, the extent of observations that can be made may be limited by the time of year in which the inspection took place.

A series of parameters (or criteria) was developed by Hatch, as derived from ISA's Best Management Practices (BMPs) to provide a holistic assessment of trees within the Project Site(s) and Study Area(s). The condition rating designated to each tree was based on the results of the assessment using the City of Toronto's Tree Protection Policy and Specifications for Construction Near Trees (City of Toronto, 2016). An overall condition rating (i.e., dead (0), poor (1), fair (2), good (3) or very good (4)) was assigned to each tree meeting the required diameter (i.e., 30 cm for private and all sizes for public and ravine trees). The criteria applied during the field visit(s) is provided below:

- **Tree Number**: this number refers to the number on the collector that will be listed in the tree inventory chart and illustrated on plan drawings.
- **Species**: Each tree will be identified by botanical and common name.
- **Assessment Approximate**: When tree is not accessible due to various reasons.
- **DBH**: DBH (measured at 1.4 m above the ground). For multiple stemmed trees that split below the 1.4 m mark, the DBH measurement will be calculated using the DBH of each stem. The final DBH measurement will be calculated by taking the square root of the sum of squares for each stem.
- **Dripline**: It is the area directly located under the outer circumference of the tree's canopy, from which water drips into the ground.
- **Condition Rating**: The condition of each tree will be assessed based on several factors including: size, species, condition, location, root system, trunk, branching, twigs and foliage, disease evidence, and the overall health and vigour of the tree. Each tree will be provided a condition as outlined in the following categories.

- **Trunk Integrity (TI)**: This is an assessment of the trunk for any defects or weaknesses. It is measured on a scale of dead, poor, fair, good and very good.
- **Crown Structure (CS)**: This is an assessment of the scaffold branches, unions and the canopy of the tree. This is measured on a scale of dead, poor, fair, good and very good.
- **Crown Vigour (CV)**: This is an assessment of the health of the tree and assesses the amount of deadwood and live growth in the crown as compared to a 100% healthy tree. The size, colour and amount of foliage are also considered in this category. This is measured on a scale of dead, poor, fair, good or very good.

The above criteria (TI, CS & CV) will be expressed per the following definitions:

- VERY GOOD: Overall, the tree is very healthy and in excellent condition, vigor and form based on the given tree assessment criteria (TI, CS, CV). The tree has no structural problems, no mechanical damage, and no aesthetic, insect, disease, or structure problems. Small amounts of dead wood may be present in the secondary branches, but account for less than 5% of the canopy.
- GOOD: Overall, the tree is healthy and in satisfactory condition, vigor, and form based on the given tree assessment criteria (TI, CS, CV). The tree has no major structural problems, no mechanical damage, and may only have insignificant aesthetic, insect, disease, or structure problems. Small amounts of dead wood may be present in the secondary branches, but account for less than 15% of the canopy.
- FAIR: The tree has no major structural problems, no significant mechanical damage, may have only minor aesthetic insect, disease, or structure problems, and is in good health. Trees in fair condition show moderate symptoms of decline in the lower canopy or scaffold branches, but more than 40% of the scaffold branches are viable.
- POOR: The tree may exhibit the following characteristics: minor structural problems, mechanical damage, significant damage from diseases, thin crown, or stunted growth compared to adjacent trees. This condition also includes trees that have been topped, but show reasonable vitality with no obvious signs of decay. Greater than 40% of the main scaffold branches are dead, missing or in a diseased state. Poor condition rating can be applied to trees where the trunk shows evidence of advanced rot, deadwood or is hollow and/or there is no twig development on the main branches.
- DEAD: The tree may exhibit the following characteristics: major structural problems, mechanical damage, significant damage from disease, thin crown, or stunted growth compared to adjacent trees. Greater than 80% of the main scaffold branches are dead, missing or in a diseased state. Dead condition rating can be applied to trees where the trunk shows evidence of advanced rot, deadwood or is hollow.

Note: it must be recognized that trees are living organisms, and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather conditions.

While reasonable efforts have been made to ensure that the subject trees are healthy, no guarantees are offered, or implied, that these trees or any of their parts will remain standing. It is both professionally and practically impossible to predict with absolute certainty the behavior of any single tree or its component parts under all circumstances. Inevitably, a standing tree will always pose some level of risk. Most trees have the potential for failure under adverse weather conditions, and the risk can only be eliminated if the tree is removed.

Although every effort has been made to ensure that this assessment is reasonably accurate, the trees should be reassessed periodically. The assessment presented in this Report is valid at the time of inspection.

3. Existing Conditions

The inventory of trees included a 6 m buffer beyond the limits of the area of impact, in accordance with the City of Toronto Tree By-laws. Trees situated on private property or City-owned property, and those situated within a 6 m assessment area from the area of impact were included in the tree inventory. In addition a 12 m buffer was applied to RNFP and TRCA lands and a tally sheet was prepared to count all trees under 10 cm DBH. No trees were surveyed on Metrolinx Right of Way because no Permission to Enter (PTE) was available at the time of this tree inventory and the trees located there are associated with the proposed Park Lawn GO Station which is being assessed separately.

3.1 Tree Inventory Overview

During the two days of field work, a total number of 235 trees were inventoried and different tree attributes were collected (see Tree Inventory Plan in Appendix A). Species composition consists of 18% Russian olive, 11% Honey locust, 10% Manitoba maple, 8% White spruce, 7% Thornless honey locust, 5% Black willow and the rest of the tree species inventoried are under 5% representation in the Study Area. In addition, 141 trees under 10 cm were recorded including 28 trees in RNFP area, 34 trees in TRCA Lands and 79 trees in Parkland.

Tree condition assessment resulted in the following rating: 19% of the trees are in good condition, 68% of the trees are in fair condition, and 9% of the trees are in poor condition.

The number of trees for each Tree Category is as follows:

Tree Category 1: 37 trees

Tree Category 2: 1 tree

Tree Category 3: 76 trees

Tree Category 4: 31 trees

Tree Category 5: 64 trees

Tree Category 6: 26 trees

4. Tree Preservation and Protection Specifications

This section outlines the potential effects to trees resulting from the redevelopment during construction, and operations/maintenance phases. It also documents the mitigation measures (preservation and protection) and monitoring activities identified to minimize the anticipated effects on trees due to the Project.

4.1 Assessment, Potential Impact, Preservation and Protection of Trees

Trees recommended to be preserved are those that will not be affected by the Project once the recommended mitigation measures have been implemented, they are deemed to be within the Project Site and would not be able to withstand construction related activities or changes to grading. This designation may also be applied to trees that are dead, in poor condition, or trees that could pose future safety concerns. Trees recommended to be transplanted are deemed to be within the Project Site, in good condition, and typically less than 10 cm DBH and of a single stem. It should be noted that transplanting trees is dependent on available space. Trees identified with the potential for injury are those where the minimum TPZ encroaches into the Project Site. In order to identify appropriate TPZs, Tree Protection Policy and Specification for Construction Near Trees (City of Toronto, 2016) was used to determine the minimum requirements for TPZ of city owned and private trees as summarized in Table 4-1.

Table 4-1: Minimum Tree Protection Zone (TPZ) Determination

Trunk Diameter (DBH)	Minimum Protection Distances Required for City Owned and Private Trees
<10 cm	1.2 m
10 - 29 cm	1.8 m
30 – 40 cm	2.4 m
41 – 50 cm	3 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 m
>100 cm	6 cm protection for each 1 cm diameter

In addition to the tree protection measures listed above the following recommendations shall be implemented to minimize disturbance to trees and natural areas in the vicinity of the proposed construction:

- Delineation of the disturbance limits within work areas should be clearly defined on drawings and on-site prior to construction;
- The Site Supervisor shall be familiar with Toronto's Tree Protection Policy and Specifications for Construction near Trees and be cognizant of the purpose and function of TPZ;

- Tree protection fencing shall be comprised of 2.4 m high plywood hoarding (minimum 19 mm); on road allowance 1.2 m high orange plastic web snow fencing on a 38 x 89 mm frame should be used;
- Tree protection hoarding or barrier must be installed prior to the commencement of any construction activity;
- Heavy machinery shall not to be operated within the TPZ (including overhead swinging of machine arms);
- Construction materials, equipment, soil, construction waste or debris are not to be stored within the TPZ or dripline of the trees identified for protection;
- There shall be no movement or parking of vehicles, placement of equipment or pedestrian traffic within the TPZ;
- Low pressure hydro-vac excavation technology is recommended to expose roots where encroachment within the minimum TPZ is required;
- All canopy and root pruning shall be undertaken by an ISA Certified Arborist;
- Prune any exposed roots with a diameter of less than 5 cm to promote regeneration and prevent infection. All roots greater than 5 cm in diameter should not be removed. All root pruning shall be undertaken by an ISA Certified Arborist;
- Apply a slow release deep root low nitrogen fertilizer to any trees requiring root pruning to promote increased vigor;
- Exposed roots shall be covered by dampened mulch or topsoil to prevent desiccation;
- Disposal of any liquids shall not occur within the TPZ;
- Wood chips shall be applied to the ground to a depth of 100 mm in areas where tree protection zones will be encroached by construction traffic. Steel plates or 3/4-inch plywood should be laid on top of the chips to dissipate compressive force of vehicles on the soil. Steel plates/plywood shall be removed once the access route is decommissioned, and the wood chips spread around the tree using hand tools; and
- Should any additional, incidental or accidental tree injuries occur during construction, an ISA Certified Arborist should be consulted to determine if additional mitigation measures shall be employed.

4.2 Construction and Tree Removal

Tree removal is required to accommodate the Project. Grading and construction will result in the removal of trees. Tree removal is based on the Master Plan (April 2020). A total of 189 trees have been identified for removal within the Project Site.

Table 4-2: Tree Removal Chart Summary

Tree Category	Tree Category Description	Trees to be Removed
1	Trees with DBH greater than or equal to 30 cm situated on Private Property within the Project Site.	37
2	Trees with DBH greater than or equal to 30 cm situated on Private Property within 6 m of the Project Site.	0
3	Trees of all diameters situated on City owned parklands.	76
4	Trees of all diameters situated on RNFP limits.	13
5	Trees of all diameters situated within the City Road allowance, adjacent to the Study Area.	44
6	Trees between 10-30 cm DBH on FCR Lands	19
	Total	**189**

4.3 Construction and Tree Injury

Tree injury occurs when either tree protection hoarding cannot be placed at the minimum required distance from the trunk due to constraints or conflicts, or where the minimum TPZ overlaps with the construction limits. Given the current inventory of the Project Site, trees have been identified for injury based on their TPZ relative to the Master Plan:

- Zero Category 1 tree with DBH greater than or equal to 30 cm situated on Private Property;
- Zero Category 2 trees with DBH greater than or equal to 30 cm situated on Private Property within 6 m of the Project footprint;
- Zero Category 3 trees of all diameters situated on City Owned Parkland;
- Six Category 4 trees of all diameters situated on RNFP limits; and
- Eight Category 5 tree of all diameters situated within the City Road allowance.

4.4 Construction and Tree Preservation

The current inventory of trees is located within the 6 m buffer of the Project Site and have been identified for preservation:

- Zero Category 1 trees with DBH measurement greater than or equal to 30 cm situated on private property inside the project footprint;
- One Category 2 trees with DBH measurements greater than or equal to 30 cm situated on Private Property within 6 m of Project footprint;
- Zero seven Category 3 trees of all diameters situated on City owned parklands;
- Twelve Category 4 trees of all diameters situated on RNFP limits;

- Twelve Category 5 trees of all diameters situated within the City Road allowance; and
- Seven Category 6 trees between 10-30 cm located on private property.

4.5 Operation and Tree Maintenance

Deterioration of tree vitality over time for trees that will be protected was the only identified effect during the operations and/or maintenance phase of the Project. It is noted that new growing conditions (i.e., new exposure to wind, sunscald and root damage) may result in failure of trees or their branches.

5. Mitigation Measures

Several mitigation measures have been identified as described below to address the predicted effects associated with Project construction, operations and maintenance phases.

5.1 Construction

Where permits are required, the Owner will obtain all applicable documents and approvals. The Owner will continue to adhere to municipal By-laws and policies for tree removals on municipal land and private properties. Tree protection measures will follow municipal By-Laws, regulations and policies.

Compensation for tree removal will be completed in the form of tree planting or cash-in-lieu. Direction should be provided by the City of Toronto Urban Forestry Toronto/West Division regarding the requirements of a compensation strategy for trees within their jurisdiction.

5.1.1 *Construction timing*

To reduce the possibility of contravention of the MBCA, vegetation removal should be scheduled to occur outside of the overall bird nesting season of April 1st and August 31st in any given year. Some birds may nest before or after this peak bird nesting season due to annual seasonal fluctuations. Therefore, if a nest of a migratory bird is found within the construction area outside of this nesting period it will receive protection.

If vegetation must be removed during the overall bird nesting season:

- Nest and nesting activity searches will be conducted in areas defined as simple habitat by a qualified Ecologist/Avian Biologist no more than 24 hours prior to vegetation removal. Nesting activity will be documented when it consists of confirmed breeding evidence, as defined by Atlas of the Breeding Birds of Ontario criteria (Bird Studies Canada, 2001);
- If an active nest or confirmed nesting activity of a migratory bird is observed in simple habitat[1], regardless of the timing window recommended, a species-specific buffer area

[1] *Simple habitat refers to habitat that contains few nesting spots or few species of migratory birds, where identification of active nests or confirmed nesting activity can be completed with confidence. According to (Environment Canada and Climate Change, 2014), examples of simple habitat include the following:*

following ECCC guidelines will be applied to the nest or confirmed nesting activity wherein no vegetation removal will be permitted until the young have fledged from the nest. The radius of the buffer will depend on species, level of disturbance and landscape context (ECCC, 2014), which will be confirmed by a qualified Ecologist/Avian Biologist, but will protect a minimum of 10 m around the nest or nesting activity.

- The results of all nest searches will be documented at the end of each survey day in a Technical Memorandum, including information on the searcher, date, time conducted, weather conditions, habitat type, vegetation community type, observations of breeding activity, observations of confirmed nests including co-ordinates, and, if required, the buffer applied to identified breeding/nesting sites. If vegetation removal must occur in complex habitats within the above-listed timing windows and absolutely cannot be avoided, the same BMP such as nest and nesting activity searches described above will be undertaken; and
- If a nesting migratory bird (or species at risk protected under the ESA) is identified within or adjacent to the construction site, regardless of the timing window recommended, all activities will stop and the Contractor (with assistance from a qualified Ecologist/Avian Biologist) will discuss mitigation measures with the Certified Arborist.

5.1.2 *Tree Preservation Measures*

Measures beyond the standard tree protection hoarding may be required to protect trees where there is potential for 'tree injury' (i.e., a reduction in the minimum tree protection zone or work that may be required within a TPZ).

If it is determined that trees require pruning, trees will be pruned in a manner that minimizes physical damage and promotes quick wound closure and regeneration following ISA BMP. If earthworks are required immediately adjacent to a TPZ, and there is a potential to encounter roots, it is recommended that an exploratory exercise with an air spade be conducted, as described below.

Vertical Root Protection: If it is determined that root pruning must occur to facilitate a grade change or other earthworks, the roots will be pruned in accordance with acceptable arboricultural standards which may include:

- Maintenance and pruning will be avoided during hot and dry weather;
- Exposed roots should be neatly cut with a sharp saw;

- *Urban parks consisting mostly of lawn with a few isolated trees.*
- *Vacant lot with few possible nest sites.*
- *Previously cleared area where there is a lag between clearing and construction activities (and where ground nesters may have been attracted to nest in cleared areas or in stockpiles of soil); or Structure such as a bridge, beacon, tower or building (often chosen as a nesting spot by robins, swallows, phoebes, nighthawks, gulls and others).*

- Ends of severed roots should be covered with a plastic bag held in place by a rubber band to protect them from drying out;
- If tree maintenance is to occur during hot weather, exposed roots should be wrapped with dampened burlap, especially if there is a delay in pruning or filling with soil;
- Trees to be pruned should be watered after digging, along with an application of soil and mulch;
- Backfill with excavated material and reinstate to original condition or better; and
- Upon completion reinstate tree protection barrier to original location.

All tree maintenance and pruning should be carried out by a qualified tree care specialist that is also an ISA Certified Arborist or under the supervision of an ISA Certified Arborist.

Horizontal Root Protection: in select locations where excavation will require the temporary removal of tree protection barrier and works within a TPZ, Horizontal Root Protection in conjunction with air spade exploration is recommended to reduce the potential for compaction. Root protection is to include:

- Placement of 4 ft x 8 ft plywood boards (minimum 3/4” thick) length wise within the TPZ between the trunk and limit of excavation (field fit if necessary). Board width and length may vary depending on available space;
- Application to be reviewed and approved by the Contract Administrator prior to installation;
- Boards to be applied on top of a 150 mm depth shredded bark mulch base; and
- Upon completion, remove boards and spread mulch in a two-metre diameter around the trunk to a depth of 75 mm, and reinstate tree protection barrier to original location.

Root Pruning Practices: As previously noted, if it is determined that root pruning may be required, an exploratory exercise with an air spade should be conducted. The following are standard BMPs for root pruning:

- All approved root pruning is to take place by or under the supervision of an ISA Certified Arborist and in accordance with best arboricultural practice;
- Pruned root ends will be neatly and squarely trimmed, and the area will be backfilled with clean native fill as soon as reasonably possible to prevent desiccation and promote root growth;
- The exposed roots will not be allowed to dry out. Exposed roots should be wrapped with dampened burlap, so that the roots maintain optimum soil moisture during construction and backfilling operations; and
- Backfilling will occur as soon as reasonably possible and will include use of clean, uncontaminated topsoil from an approved source. It is recommended that the texture of

backfill be coarser than existing soils, and that the backfill is applied directly onto existing soils (i.e., remove air pockets, sod, etc.).

Branch Pruning Practices - All trees identified for preservation (i.e., those to be protected and retained), including those for injury will be protected using the prescribed hoarding details as identified in the City of Toronto Specifications for Construction Near Trees. In addition to the tree protection barrier specifications, the following are standard BMPs for branch pruning:

- All limbs damaged or broken during construction should be pruned cleanly, utilizing bypass secateurs in accordance with best arboricultural practices. Should there be a potential risk of transfer of disease from infected to non-infected trees; tools must be disinfected after pruning each tree by dipping in methyl hydrate. This practice is particularly important during periods of tree stress and when pruning many members of the same genera (i.e., tree branch versus limbs versus epicormic shoots), within which a disease could be spread quickly (i.e., Verticillium Wilt on Maples or Fireblight on genera of the Rosaceae family);
- All pruning cuts should be made to a growing point such as a bud, twig or branch, cut just outside the branch collar (i.e., the swollen area at the base of the branch that sometimes has a bark ridge), and perpendicular to the branch being pruned rather than as close to the trunk as possible. This minimizes the site of the wound. No stubs should be left;
- Extensive pruning is best completed before plants break dormancy. Pruning should be limited to the removal of no more than 1/3 of the total bud and leaf bearing branches. Pruning should include the careful removal of:
  - Deadwood;
  - Branches that are weak, damaged, diseased and those which will interfere with construction activity;
  - Secondary leaders of conifers;
  - Trunk and root suckers;
  - Trunk waterspouts; and
  - Tight V-shaped or weak crotches (included unions).
- Any branches that overhang the work area and require pruning are to be pruned using best arboricultural practices utilizing by-pass secateurs in accordance with the American National Standards Institute A300 (Part 1) - 2008 Pruning.
- The Contractor(s) must report immediately to the Contract Administrator any damage to trees such as broken limbs, damage to roots, or wounds to the main trunk or stem systems so that the damage can be assessed immediately.

Construction Implementation - There are several common impacts to trees that can occur during construction, especially in urban settings due to the already limited growth space for

root systems. The following are standard BMPs to implement prior to and during construction activities:

- Prior to construction, a site meeting will be held with the Contractor(s) and Contract Administrator to review the clearing limits and confirm the installation location for the tree protection barrier;
- Tree protection barriers will be installed as per the construction specifications and applicable City of Toronto specifications. All supports and bracing to safely secure the barrier will be placed outside the TPZ;
- Inspection of the tree protection barrier, including photographic records and deficiency notes, will be undertaken by the site supervisor and submitted to the Contract Administrator prior to the commencement of construction, during construction and after construction is completed; and
- All removals should be felled into the work area to ensure that damage does not occur to the trees within the TPZ. Upon completion of the tree removals, all felled trees are to be removed from the site, and all brush chipped. All brush, roots and wood debris should be shredded into pieces that are smaller than 25 mm in size to ensure that any insect pests that could be present within the wood are destroyed.

5.1.3 *Operations and Maintenance*

Pruning and felling will be carried out by or under the direction of an ISA Certified Arborist. Tree replacement may be required to compensate for tree removals as a result of Project implementation. Compensation will be determined in accordance with the municipal policies and regulations.

Efforts should be made to prevent the spread of invasive plant species during construction both and off-site. Sanitation of construction equipment should be undertaken in accordance with the Clean Equipment Protocol (2013) and at a minimum should include sanitation of construction vehicles and equipment prior to leaving and moving to the next site. A cleaning station should be set up, so vehicles and equipment can be inspected and cleaned regularly.

6. Monitoring Activities

6.1 Construction

An ISA Certified Arborist is required to be on-site during key construction activities (i.e., vegetation removal), as required, to ensure compliance with environmental requirements. Certified Arborist will be responsible for:

- On-Site inspection as required during construction to ensure that only specified trees are removed, fencing is intact and there is no damage caused to the remaining trees and adjacent vegetation communities. Construction and/or silt fencing will be repaired if it is damaged. Any damaged/injured trees will be pruned through the implementation of

proper arboricultural techniques, under supervision of an ISA Certified Arborist or Forester; and

- Regular monitoring, to be defined prior to pre-construction land clearing, to confirm activities do not encroach into nesting areas or disturb active nesting sites.

6.2 Tree Replacement

Replacement trees should be planted under proper site conditions and all replacement trees should be inspected prior to planting in order to confirm only healthy trees are chosen. Replacement trees preferably should be planted in the same location of removed trees after construction is complete. It is recommended that the re-planting occur either in early spring or the fall of any given year.

Suitable replacement trees should be chosen, considering things such as species type, soil conditions and location.

Some of the trees within the Study Area are within the City of Toronto's road allowance. It is recommended that all trees identified for removal should be replaced on site or in a nearby location, if suitable conditions exist, after construction activities have ceased in order to keep with the City's mandate for increasing canopy coverage. In the event replacement cannot occur due to new site conditions, payment for removed trees in the form of cash-in-lieu should be done as per the City of Toronto's standards payment requirements.

In terms of future replacements within the Project Site and areas affected by the proposed construction the Owner will engage in further discussion with the City of Toronto.

Tree planting should follow the City of Toronto's Guide Tree Planting Specifications in the Toronto Urban Design Streetscape Manual and/or the Toronto Green Standard Tier 1 Requirements.

The Owner will hire a contractor to plant and maintain trees. These trees should be properly planted, staked and guyed following ISA BMPs for Tree Planting. All newly planted trees should be watered accordingly to ensure establishment. This watering program is recommended to occur for a two-year period after which in the case of street trees City of Toronto will take ownership of trees planted in the ROW.

7. Conclusions and Recommendations

From the tree inventory data analysis, latest Master Plan and preservation plan, it was concluded that 296 trees will be removed and 19 trees will be injured, including 107 trees under 10 cm DBH, respectively 74 trees in Parkland and 33 trees in RNFP. The Owners will require a permit for removal and injury of 266 trees from the City of Toronto (Parks, Forestry and Recreation Department). This includes trees on the Owners' property and City of Toronto properties that meet permitting requirements.

- A total of 36 trees on Private Property;

- A total of 126 trees on Parklands, including 74 trees under 10 cm;
- A total of 52 trees on Ravine and Natural Feature Protection Area, including 33 trees under 10 cm;
- A total of 52 trees on City streets.

The Owner will work with the City of Toronto to obtain tree permitting and compensation for municipal and private trees.

The following is a list of commitments that will occur during future phases of the Project either prior to, during and/or after construction:

- Any further changes to the Project Site, including public trees, will be reflected in amendments to the Tree Inventory Plans as required;
- An ISA Certified Arborist is required throughout the construction period to ensure that protection measures are implemented, maintained and enforced; and
- Further discussions with the City of Toronto are required to decide on either tree replacement on Site or compensation for tree loss with cash-in-lieu.

8. References

1) City of Toronto City Street Tree By-Law (Article II of Chapter 813);

2) City of Toronto Private Tree By-Law (Article III of Chapter 813);

3) City of Toronto RNFP By-Law (Chapter 658);

4) City of Toronto Parks By Law (Article VII of Chapter 608);

5) City of Toronto Tree Protection Policy and Specifications for Construction Near Trees July 2016;

6) City of Toronto - Guidelines for Completion of an Arborist Report, January 2011;

7) Endangered Species Act, ESA (2007), O. Reg. 242/08;

8) CFIA Directive (D-03-08): Phytosanitary Requirements to Prevent the Introduction into and Spread within Canada of the Emerald Ash Borer, Agrilus planipennis (Fairmaire), Appendix 5 & 6 of directive #D-03-08;

9) TRCA Ontario Regulation 166/06;

10) TRCA Guideline for Determining Ecosystem Compensation, June 2018;

11) ISA Best Management Practices 2008.

APPENDIX A

Tree Inventory and Preservation Plan Table

Project: Additional Studies 2150 Lakeshore Road West, Toronto

Field Work Completed By: Arben Pustina, Jaimie Snelgrove

Dates of Field Work: April 16 and 20, 2020

Weather:

Tree Assessment Criteria

TI - Trunk Integrity: assessment of the trunk for any defects or weaknesses

CS - Canopy Structure: assessment of the scaffold branches, unions and canopy

CV - Canopy Vigour: assessment of the health of a tree, based on the % of deadwood

Tree Condition

4 - Very Good: tree displays less than 10% deficiency/defect within the given tree assessment (TI, CS, CV)

3 - Good: tree displays less than 25% deficiency/defect within the given tree assessment (TI, CS, CV)

2 - Fair: tree displays 25-50% deficiency/defect within the given tree assessment criteria (TI, CS, CV)

1 - Poor: tree displays 50-80% deficiency/defect within the given tree assessment criteria (TI, CS, CV)

0 - Dead: tree displays greater than 80% deficiency/defect within the given tree assessment criteria (TI, CS, CV)

Legend

	Trees to be Preserved/Retained
	Trees to be Removed
	Potential EAB Removals
	Tree to be Injured

Tree ID Number	Botanical Name	Common Name	Assessment Approximate (No PTE)	DBH (cm)	Dripline Radius (m)	Tree Protection Zone (m)	Tree Condition				Tree Category	Remove, Preserve, Injure	Permit Required (Y/N)	Comments	Address						Date	Tally of trees <10 cm
							Trunk Integrity	Crown Structure	Crown Vigour	Condition Rating					Owner	Street No.	Street Name	City	Postal Code	PIN Number		
1	*Salix nigra*	Black willow	N	96	10		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
2	*Salix nigra*	Black willow	N	123	13		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
3	*Salix nigra*	Black willow	N	128	15		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
4	*Salix nigra*	Black willow	N	152	13		1	1	1	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
5	*Salix nigra*	Black willow	N	86	9		2	2	3	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
6	*Salix nigra*	Black willow	N	71, 63	8		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
7	*Salix nigra*	Black willow	N	107, 55	9		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
8	*Rhus typhina*	Staghorn sumac	N	9	3		3	3	3	3	1	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
9	*Populus deltoides*	Cottonwood	N	32, 29	4		0	0	1	0	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
10	*Populus tremuloides*	Trembling aspen	N	29	5		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
11	*Acer saccharinum*	Silver maple	N	40	5		1	1	2	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
12	*Salix nigra*	Black willow	N	61, 51, 50	10		3	3	3	3	1	Remove	Y	Overhead wires	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
13	*Salix nigra*	Black willow	N	63	9		1	1	2	2	1	Remove	Y	Overhead wires	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
14	*Salix nigra*	Black willow	N	42, 40	6		2	2	2	2	1	Remove	Y	Overhead wires	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
15	*Salix nigra*	Black willow	N	50, 42	6		2	2	2	2	1	Remove	Y	Overhead wires	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
16	*Pinus sylvestris*	Scots pine	N	37	7		2	2	2	2	1	Remove	Y	3 lilac shrubs nearby	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
17	*Pinus sylvestris*	Scots pine	N	28	5		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
18	*Pinus sylvestris*	Scots pine	N	22	4		1	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
19	*Pinus sylvestris*	Scots pine	N	22, 17	3		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
20	*Gleditsia triacanthos*	Honey locust	N	48	6		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
21	*Gleditsia triacanthos*	Honey locust	N	30	5		0	0	0	0	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
22	*Gleditsia triacanthos*	Honey locust	N	58	7		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
23	*Gleditsia triacanthos*	Honey locust	N	68	9		1	1	1	1	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
24	*Picea glauca*	White spruce	N	39	5		2	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
25	*Acer platanoides*	Norway maple	N	70	13		3	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
26	*Picea glauca*	White spruce	N	34	5		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
27	*Ulmus pumila*	Siberian elm	N	11	2		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
28	*Morus alba*	White mulberry	N	17, 16	6		1	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
29	*Pinus sylvestris*	Scots pine	N	31	6		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
30	*Acer saccharinum*	Silver maple	N	87	21		3	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
31	*Acer saccharinum*	Silver maple	N	99	20		4	4	4	4	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
32	*Morus alba*	White mulberry	N	17, 17, 14, 10, 8	8		2	2	2	2	6	Remove	N	5 lilac shrubs nearby	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
33	*Sorbus americana*	Mountain ash	N	9, 9, 9	4		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
34	*Morus alba*	White mulberry	N	16, 14, 14, 10	7		1	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
35	*Morus alba*	White mulberry	N	12, 12, 8, 6	5		1	1	1	1	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
36	*Morus alba*	White mulberry	N	13, 10, 10, 10, 8	6		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
37	*Pinus sylvestris*	Scots pine	N	23, 22	7		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
38	*Pinus nigra*	Austrian pine	N	35	6		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
39	*Pinus sylvestris*	Scots pine	N	63	10		3	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
40	*Acer negundo*	Manitoba maple	N	31, 23, 17	9		2	2	2	2	1	Remove	Y	3 lilac shrubs nearby	FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
41	*Pinus nigra*	Austrian pine	N	54	9		3	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
42	*Picea glauca*	White spruce	N	29	3		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
43	*Pinus nigra*	Austrian pine	N	53	14		3	3	3	3	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
44	*Thuja occidentalis*	Eastern white cedar	N	18	3		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
45	*Juniperus viriginiana*	Red cedar	N	10	5		3	3	3	3	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
46	*Pinus nigra*	Austrian pine	N	45	8		0	0	0	0	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
47	*Pinus nigra*	Austrian pine	N	55	8		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
48	*Thuja occidentalis*	Eastern white cedar	N	26	6		2	1	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
49	*Thuja occidentalis*	Eastern white cedar	N	18, 17	3		2	2	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
50	*Thuja occidentalis*	Eastern white cedar	N	31	6		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
51	*Thuja occidentalis*	Eastern white cedar	N	25	3		2	1	2	2	6	Remove	N		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
52	*Picea glauca*	White spruce	N	33	5		2	2	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	

	Trees to be Preserved/Retained																					
	Trees to be Removed																					
							Tree Condition								Address							
Tree ID Number	Botanical Name	Common Name	Assessment Approximate (No PTE)	DBH (cm)	Dripline Radius (m)	Tree Protection Zone (m)	Trunk Integrity	Crown Structure	Crown Vigour	Condition Rating	Tree Category	Remove, Preserve, Injure	Permit Required (Y/N)	Comments	Owner	Street No.	Street Name	City	Postal Code	PIN Number	Date	Tally of trees <10 cm
53	*Picea glauca*	White spruce	N	44	7		2	1	2	2	1	Remove	Y		FCR	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
54	*Malus coronaria*	Crabapple	N	38, 20	8		1	2	1	1	1	Remove	Y		Private	2194	Lakeshore Blvd.West	Toronto	M8V 1A2		April 16/2020	
55	*Morus alba*	White mulberry	N	35	5		1	2	1	1	1	Remove	Y		Private	2194	Lakeshore Blvd.West	Toronto	M8V 1A2		April 16/2020	
56	*Picea glauca*	White spruce	N	31	4		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
57	*Picea glauca*	White spruce	N	37	4		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
58	*Picea glauca*	White spruce	N	23	3		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
59	*Picea glauca*	White spruce	N	32	4		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
60	*Picea glauca*	White spruce	N	31	3		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
61	*Picea glauca*	White spruce	N	25	4		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
62	*Picea glauca*	White spruce	N	45	5		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
63	*Picea glauca*	White spruce	N	38	4		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
64	*Picea glauca*	White spruce	N	25	3		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
65	*Picea glauca*	White spruce	N	36	4		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
66	*Picea glauca*	White spruce	N	44	5		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
67	*Picea glauca*	White spruce	N	41	5		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
68	*Gleditsia triacanthos*	Honey locust	N	57	7		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
69	*Gleditsia triacanthos*	Honey locust	N	63, 58, 58	12		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
70	*Gleditsia triacanthos*	Honey locust	N	33, 32, 30, 26	7		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
71	*Gleditsia triacanthos*	Honey locust	N	46, 20	10		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
72	*Gleditsia triacanthos*	Honey locust	N	51, 39	7		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
73	*Ulmus americana*	White elm	N	16, 9	4		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
74	*Acer platanoides*	Norway maple	N	32	6		1	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
75	*Tilia americana*	Basswood	N	22	4		0	0	0	0	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
76	*Acer platanoides*	Norway maple	N	35	7		2	3	3	3	5	Remove	Y	9 lilac shrubs nearby	City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
77	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	38	11		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
78	*Tilia americana*	Basswood	N	36	5		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
79	*Malus coronaria*	Crabapple	N	53, 51	8		0	0	0	0	5	Remove	Y	6 lilac shrubs nearby	City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
80	*Pinus nigra*	Austrian pine	N	58, 39	11		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
81	*Pinus nigra*	Austrian pine	N	46	7		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
82	*Juniperus viriginiana*	Red cedar	N	9, 9	5		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
83	*Acer platanoides*	Norway maple	N	69	12		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
84	*Picea glauca*	White spruce	N	26	3		0	0	0	0	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
85	*Tilia americana*	Basswood	N	23	4		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
86	*Tilia americana*	Basswood	N	9	2		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
87	*Tilia americana*	Basswood	N	21	4		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
88	*Tilia americana*	Basswood	N	22	5		3	3	3	3	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
89	*Gleditsia triacanthos*	Honey locust	N	49	7		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
90	*Tilia americana*	Basswood	N	5	3		2	2	2	2	5	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
91	*Sorbus americana*	Mountain ash	N	13	4		1	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	5
92	*Juglans nigra*	Black walnut	N	13, 12	4		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
93	*Elaeagnus angustifolia*	Russian olive	N	13	3		0	0	0	0	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
94	*Sorbus americana*	Mountain ash	N	12	4		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
95	*Acer negundo*	Manitoba maple	N	13	3		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
96	*Sorbus americana*	Mountain ash	N	13, 12, 12, 11	5		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
97	*Sorbus americana*	Mountain ash	N	16, 13, 12	6		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
98	*Juglans nigra*	Black walnut	N	24	6		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
99	*Elaeagnus angustifolia*	Russian olive	N	35	6		0	0	0	0	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
100	*Sorbus americana*	Mountain ash	N	14	4		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
101	*Elaeagnus angustifolia*	Russian olive	N	16, 14, 11	6		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
102	*Acer negundo*	Manitoba maple	N	35, 35, 31, 25, 25	10		1	1	1	1	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
103	*Sorbus americana*	Mountain ash	N	17	6		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
104	*Juglans nigra*	Black walnut	N	39	10		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
105	*Acer negundo*	Manitoba maple	N	18	5		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
106	*Juglans nigra*	Black walnut	N	22	6		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
107	*Elaeagnus angustifolia*	Russian olive	N	14	4		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
108	*Sorbus americana*	Mountain ash	N	16, 14, 14	6		0	0	0	0	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
109	*Sorbus americana*	Mountain ash	N	18, 17, 16, 16	8		3	3	3	3	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
110	*Ulmus pumila*	Siberian elm	N	22, 20	6		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
111	*Elaeagnus angustifolia*	Russian olive	N	18, 15, 15	7		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
112	*Acer negundo*	Manitoba maple	N	51	10		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
113	*Populus deltoides*	Cottonwood	N	59	10		2	2	2	2	3	Remove	N		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	

	Trees to be Preserved/Retained																					
	Trees to be Removed																					
	Potential EAB Removals																					
	Tree to be Injured																					
							Tree Condition								Address							
Tree ID Number	Botanical Name	Common Name	Assessment Approximate (No PTE)	DBH (cm)	Dripline Radius (m)	Tree Protection Zone (m)	Trunk Integrity	Crown Structure	Crown Vigour	Condition Rating	Tree Category	Remove, Preserve, Injure	Permit Required (Y/N)	Comments	Owner	Street No.	Street Name	City	Postal Code	PIN Number	Date	Tally of trees <10 cm
114	*Elaeagnus angustifolia*	Russian olive	N	24, 16, 15	7		1	2	2	2	3	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
115	*Elaeagnus angustifolia*	Russian olive	N	37, 28	10		2	2	2	2	3	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
116	*Elaeagnus angustifolia*	Russian olive	N	14, 12	5		1	2	2	2	3	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
117	*Elaeagnus angustifolia*	Russian olive	N	14, 12, 12	6		1	2	2	2	3	Remove	Y		City	2150	Lakeshore Blvd.West	Toronto	M8V 1A3		April 16/2020	
118	*Ulmus americana*	White elm	N	16	5		3	3	3	3	5	Remove	Y		City	2129	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
119	*Ulmus americana*	White elm	N	16	5		3	3	3	3	5	Remove	Y		City	2129	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
120	*Ulmus americana*	White elm	N	16	5		3	3	3	3	5	Remove	Y		City	2131	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
121	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	11	5		3	3	3	3	5	Remove	Y		City	2133	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
122	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	11	5		3	3	3	3	5	Remove	Y		City	2135	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
123	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	14	5		3	3	3	3	5	Remove	Y		City	2137	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
124	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	5		3	3	3	3	5	Remove	Y		City	2139	Lakeshore Blvd.West	Toronto	M8V 0B3		April 20/2020	
125	*Rhus typhina*	Staghorn sumac	Y	10	3		3	3	3	3	6	Remove	N		Private	2151	Lakeshore Blvd.West	Toronto			April 20/2020	
126	*Acer saccharinum*	Silver maple	Y	100	11		1	1	2	1	5	Remove	Y		City	33	Shore Breeze Dr.	Toronto	M8V 0G1		April 20/2020	
127	*Malus coronaria*	Crabapple	N	31	5	2.4	2	2	2	2	2	Preserve	N	Previously tagged 765	Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
128	*Malus coronaria*	Crabapple	N	22, 13	5	1.8	2	2	2	2	6	Preserve	N	Previously tagged 766	Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
129	*Gleditsia triacanthos*	Honey locust	N	5	1	1.2	1	1	1	1	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
130	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	21	5	1.8	2	2	2	2	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
131	*Ulmus pumila*	Siberian elm	N	26, 14	5	1.8	1	2	2	2	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
132	*Ulmus pumila*	Siberian elm	N	26, 22, 21, 12	7	1.8	2	2	2	2	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
133	*Ulmus pumila*	Siberian elm	N	17	4	1.8	1	1	1	1	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
134	*Ulmus pumila*	Siberian elm	N	18, 12,12	4	1.8	1	1	1	1	6	Preserve	N		Private	2189	Lakeshore Blvd.West	Toronto	M8V 1A1		April 20/2020	
135	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	3.5	1.8	2	2	2	2	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
136	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	4	1.8	2	2	2	2	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
137	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	3.5	1.8	2	2	2	2	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
138	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	3.5	1.8	2	2	2	2	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
139	*Gymnocladus dioicus*	Kentucky coffee	N	8	1	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
140	*Gymnocladus dioicus*	Kentucky coffee	N	8	2	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
141	*Gymnocladus dioicus*	Kentucky coffee	N	7	2	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
142	*Gymnocladus dioicus*	Kentucky coffee	N	8	1.5	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
143	*Gymnocladus dioicus*	Kentucky coffee	N	8	2	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
144	*Quercus rubra*	Red oak	N	8	2	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
145	*Quercus rubra*	Red oak	N	7	1.2	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
146	*Quercus rubra*	Red oak	N	7	2	1.2	3	3	3	3	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
147	*Quercus rubra*	Red oak	N	6	1	1.2	2	2	2	2	5	Preserve	N		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
148	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	4	1.8	2	3	3	3	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
149	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	4	1.8	2	3	3	3	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
150	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	3.5	1.8	2	3	3	3	5	Injure	Y		City	2196	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
151	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	10	4.5	1.8	3	3	3	3	5	Injure	Y		City	2222	Lakeshore Blvd.West	Toronto	M8V 0E3	76230032	April 20/2020	
152	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	6	2	1.2	2	2	2	2	5	Preserve	N		City	10	Park Lawn Rd	Toronto	M8V 0H9		April 20/2020	
153	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	6	2	1.2	2	2	2	2	5	Preserve	N		City	10	Park Lawn Rd	Toronto	M8V 0H9		April 20/2020	
154	*Gleditsia triacanthos var. inermis*	Thornless honey locust	N	6	2	1.2	2	2	2	2	5	Preserve	N		City	10	Park Lawn Rd	Toronto	M8V 0H9		April 20/2020	
155	*Gleditsia triacanthos*	Honey locust	N	9	3	3	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	3
156	*Gleditsia triacanthos*	Honey locust	N	10	4	4	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
157	*Gleditsia triacanthos*	Honey locust	N	10	4	4	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	1
158	*Gleditsia triacanthos*	Honey locust	N	12, 11, 10, 10	5	5	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
159	*Juglans nigra*	Black walnut	N	10	3	3	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
160	*Gleditsia triacanthos*	Honey locust	N	8	3	3	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	2
161	*Gleditsia triacanthos*	Honey locust	N	12	5	5	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
162	*Gleditsia triacanthos*	Honey locust	N	10	4	4	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
163	*Gleditsia triacanthos*	Honey locust	N	10	5	5	2	2	2	2	4	Injure	Y		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	1
164	*Elaeagnus angustifolia*	Russian olive	N	10	3.5	3.5	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	5
165	*Gleditsia triacanthos*	Honey locust	N	15, 15, 14, 14	6	6	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
166	*Gleditsia triacanthos*	Honey locust	N	10	5	5	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	5
167	*Gleditsia triacanthos*	Honey locust	N	19, 13	5	5	2	2	2	2	4	Preserve	N	Previously tagged 2505	Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
168	*Gleditsia triacanthos*	Honey locust	N	24	3	3	2	2	2	2	4	Preserve	N	Previously tagged 2506	Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
169	*Gleditsia triacanthos*	Honey locust	N	20, 20, 18, 16, 16, 12, 12, 12, 10, 10	12	12	2	2	2	2	4	Preserve	N	Previously tagged 2507	Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	5
170	*Thuja occidentalis*	Eastern white cedar	N	10	4	4	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	4
171	*Gleditsia triacanthos*	Honey locust	N	9	3	3	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	
172	*Gleditsia triacanthos*	Honey locust	N	10, 10	4	4	2	2	2	2	4	Preserve	N		Ravine	90	Park Lawn Rd	Toronto	M8Y 0B6		April 20/2020	8
173	*Gymnocladus dioicus*	Kentucky coffee	N	11	4		3	3	3	3	5	Remove	Y		City		Park Lawn Rd	Toronto		76230032	April 20/2020	
174	*Ulmus americana*	White elm	N	12	4		3	3	3	3	4	Remove	Y		Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	1

	Trees to be Preserved/Retained																					
	Trees to be Removed																					
	Potential EAB Removals																					
	Tree to be Injured																					

Tree ID Number	Botanical Name	Common Name	Assessment Approximate (No PTE)	DBH (cm)	Dripline Radius (m)	Tree Protection Zone (m)	Tree Condition				Tree Category	Remove, Preserve, Injure	Permit Required (Y/N)	Comments	Address						Date	Tally of trees <10 cm
							Trunk Integrity	Crown Structure	Crown Vigour	Condition Rating					Owner	Street No.	Street Name	City	Postal Code	PIN Number		
175	*Elaeagnus angustifolia*	Russian olive	N	15, 14	6		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
176	*Morus alba*	White mulberry	N	20, 10, 10	9		2	2	2	2	4	Remove	Y		Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	2
177	*Elaeagnus angustifolia*	Russian olive	N	22	6		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	6
178	*Morus alba*	White mulberry	N	27, 20, 15, 10	8		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	1
179	*Morus alba*	White mulberry	N	26, 10	6		2	2	2	2	4	Remove	Y		Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	3
180	*Elaeagnus angustifolia*	Russian olive	N	30, 24	8		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	5
181	*Elaeagnus angustifolia*	Russian olive	N	14, 9	5		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
182	*Elaeagnus angustifolia*	Russian olive	N	37, 24, 22	12		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
183	*Ulmus pumila*	Siberian elm	N	16	5		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
184	*Elaeagnus angustifolia*	Russian olive	N	31, 28	10		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
185	*Elaeagnus angustifolia*	Russian olive	N	19, 19	7		2	2	2	2	4	Remove	Y	Overhead wires	Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	
186	*Elaeagnus angustifolia*	Russian olive	Y	10	5		1	1	1	1	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
187	*Elaeagnus angustifolia*	Russian olive	Y	20	5		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
188	*Elaeagnus angustifolia*	Russian olive	Y	14	4		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
189	*Elaeagnus angustifolia*	Russian olive	Y	18	4		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
190	*Elaeagnus angustifolia*	Russian olive	Y	20	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
191	*Elaeagnus angustifolia*	Russian olive	Y	18	6		1	1	1	1	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	3
192	*Elaeagnus angustifolia*	Russian olive	Y	20, 18	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	3
193	*Elaeagnus angustifolia*	Russian olive	Y	16	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	8
194	*Elaeagnus angustifolia*	Russian olive	Y	14	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	3
195	*Elaeagnus angustifolia*	Russian olive	Y	32	10		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	3
196	*Acer negundo*	Manitoba maple	Y	18, 18	4		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	2
197	*Acer negundo*	Manitoba maple	N	15, 13	5		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
198	*Acer negundo*	Manitoba maple	Y	13, 12	4		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	2
199	*Elaeagnus angustifolia*	Russian olive	Y	22, 18, 18	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
200	*Elaeagnus angustifolia*	Russian olive	Y	24	8		1	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
201	*Elaeagnus angustifolia*	Russian olive	Y	30, 20	10		1	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	3
202	*Elaeagnus angustifolia*	Russian olive	N	30	8		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
203	*Elaeagnus angustifolia*	Russian olive	Y	24	8		1	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	1
204	*Elaeagnus angustifolia*	Russian olive	Y	26, 14	6		1	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
205	*Elaeagnus angustifolia*	Russian olive	Y	24, 20	7		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	5
206	*Elaeagnus angustifolia*	Russian olive	Y	14	4		1	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
207	*Elaeagnus angustifolia*	Russian olive	N	28, 23	10		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
208	*Elaeagnus angustifolia*	Russian olive	N	12, 10	5		1	1	1	1	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
209	*Acer negundo*	Manitoba maple	Y	12, 12	5		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	4
210	*Elaeagnus angustifolia*	Russian olive	Y	12	5		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	5
211	*Elaeagnus angustifolia*	Russian olive	Y	10	4		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
212	*Elaeagnus angustifolia*	Russian olive	Y	14	6		2	2	2	2	3	Remove	Y	Inside fence	Parkland		Gardiner	Toronto		76230032	April 20/2020	
213	*Elaeagnus angustifolia*	Russian olive	N	18	6		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	17
214	*Elaeagnus angustifolia*	Russian olive	N	23, 20, 16, 16	8		1	1	1	1	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
215	*Populus deltoides*	Cottonwood	N	25, 23	5		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	4
216	*Populus deltoides*	Cottonwood	N	48, 40	8		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	1
217	*Populus deltoides*	Cottonwood	N	21	4		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
218	*Juglans nigra*	Black walnut	N	20	5		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
219	*Juglans nigra*	Black walnut	N	17	5		2	2	2	2	4	Remove	Y		Ravine		Park Lawn Rd	Toronto		76230032	April 20/2020	10
220	*Populus deltoides*	Cottonwood	N	67, 55, 54, 42, 24	10		2	3	3	3	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	5
221	*Acer negundo*	Manitoba maple	N	20	4		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
222	*Acer negundo*	Manitoba maple	N	22	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
223	*Acer negundo*	Manitoba maple	N	23	6		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
224	*Acer negundo*	Manitoba maple	N	13,11	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
225	*Acer negundo*	Manitoba maple	N	13	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
226	*Acer negundo*	Manitoba maple	N	22	6		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
227	*Acer negundo*	Manitoba maple	N	17	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
228	*Acer negundo*	Manitoba maple	N	14	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
229	*Acer negundo*	Manitoba maple	N	23	6		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
230	*Acer negundo*	Manitoba maple	N	15, 13	4		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
231	*Acer negundo*	Manitoba maple	N	20	5		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
232	*Acer negundo*	Manitoba maple	Y	24, 24, 24, 20, 20, 18, 18, 16, 16	15		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
233	*Acer negundo*	Manitoba maple	N	13	4		2	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	
234	*Acer negundo*	Manitoba maple	N	11	4		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	5
235	*Acer negundo*	Manitoba maple	N	12, 10, 10	5		1	2	2	2	3	Remove	Y		Parkland		Park Lawn Rd	Toronto		76230032	April 20/2020	

APPENDIX B

TREE PRESERVATION PLAN (FIGURES)

Aerial Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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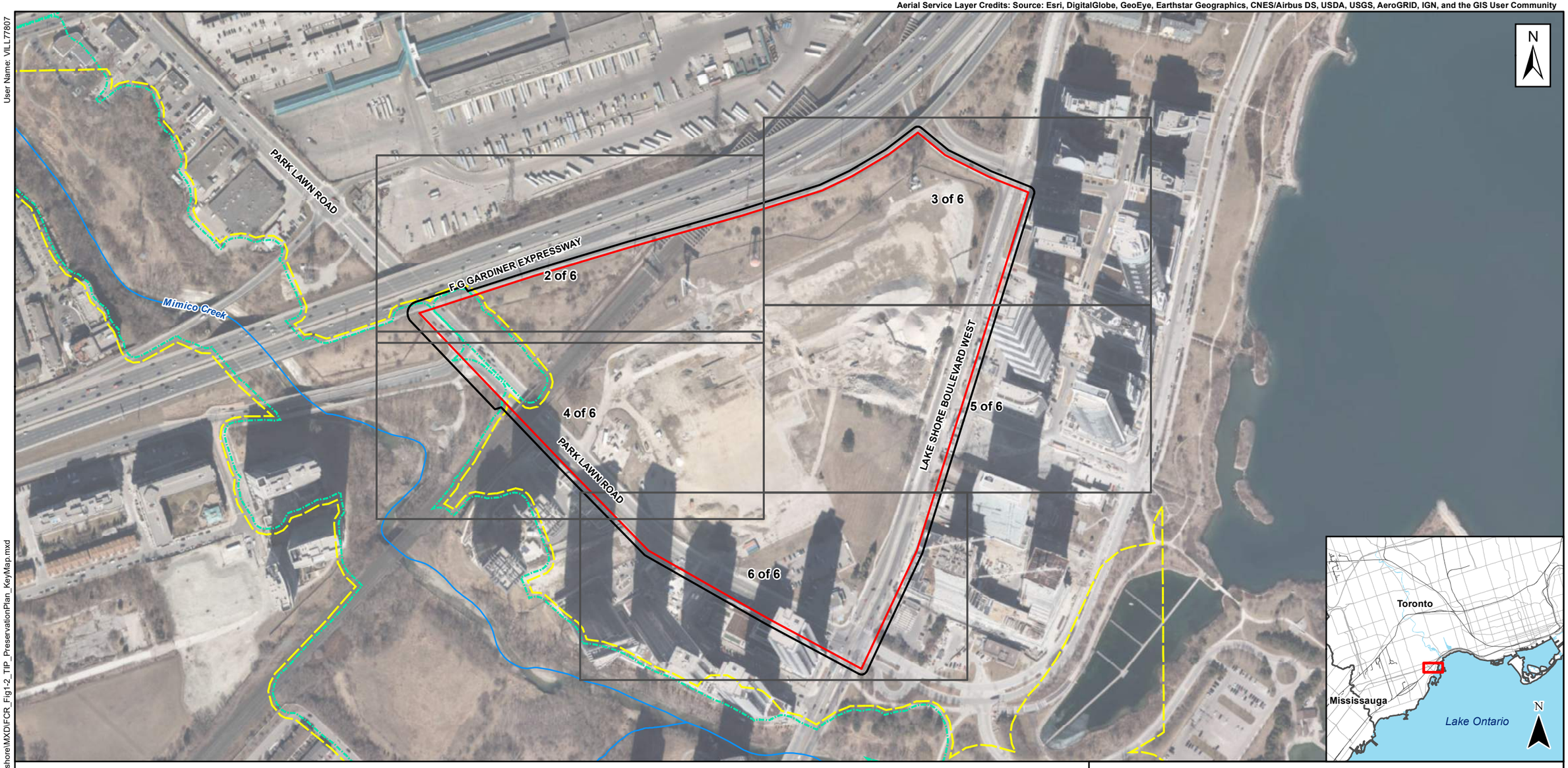


LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Permanent Watercourse

NOTES

1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 50 100 200 Meters

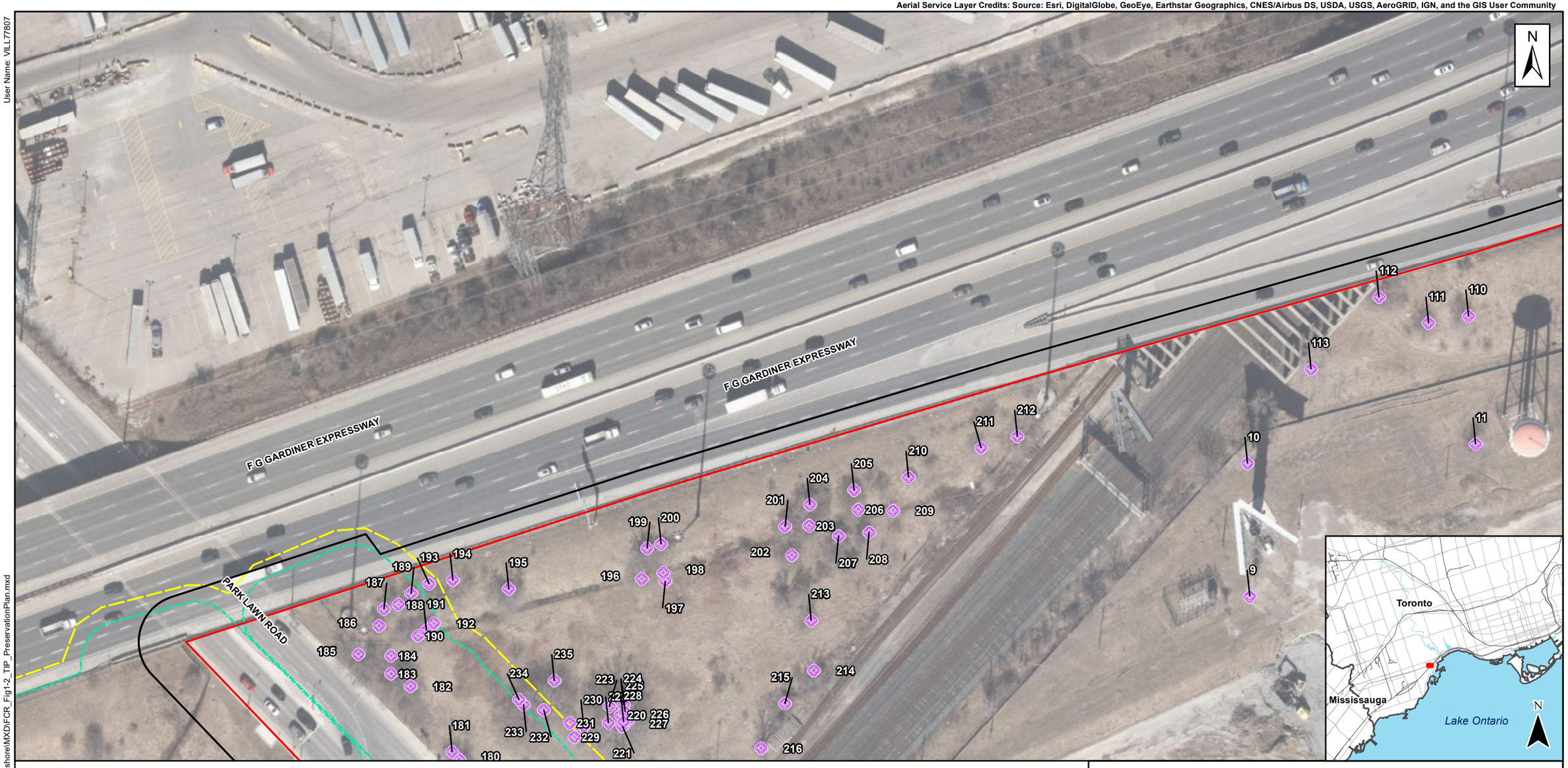
1:4,000

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 1 of 6

Document Path: T:\Maps\GIS_Data\FCR\2150_Lakeshore\MXD\FCR_Fig1-2_TIP_PreservationPlan_KeyMap.mxd

Aerial Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

User Name: VILL77807



LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Tree to be Preserved (Not OLS Surveyed)
- Tree to be Injured (Not OLS Surveyed)
- Tree to be Removed (Not OLS Surveyed)
- Tree Protection Zone (TPZ)

NOTES

1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 12.5 25 50 Meters

1:1,000

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 2 of 6

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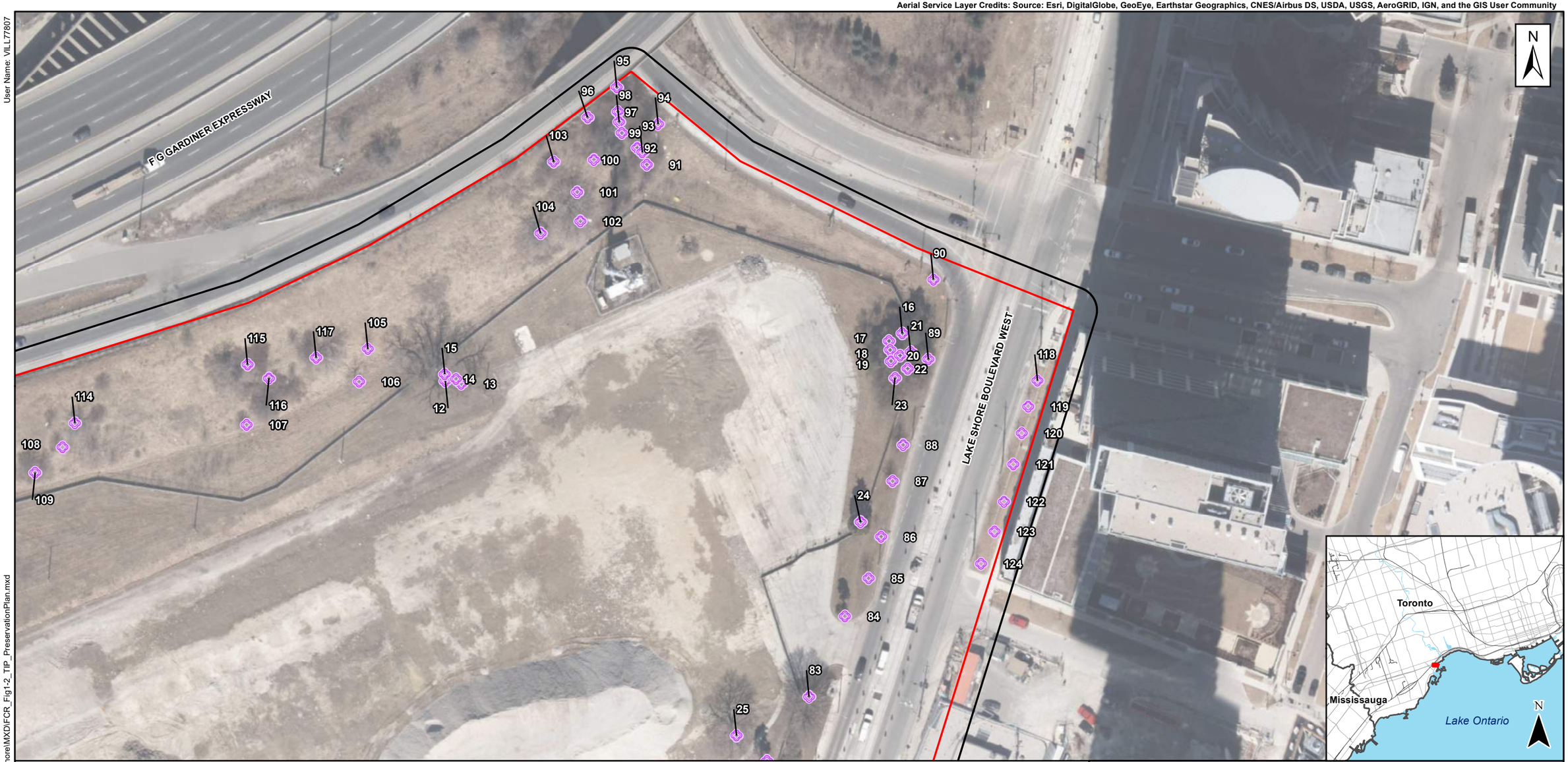
User Name: VILL77807

Aerial Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Tree to be Preserved (Not OLS Surveyed)
- Tree to be Injured (Not OLS Surveyed)
- Tree to be Removed (Not OLS Surveyed)
- Tree Protection Zone (TPZ)

NOTES

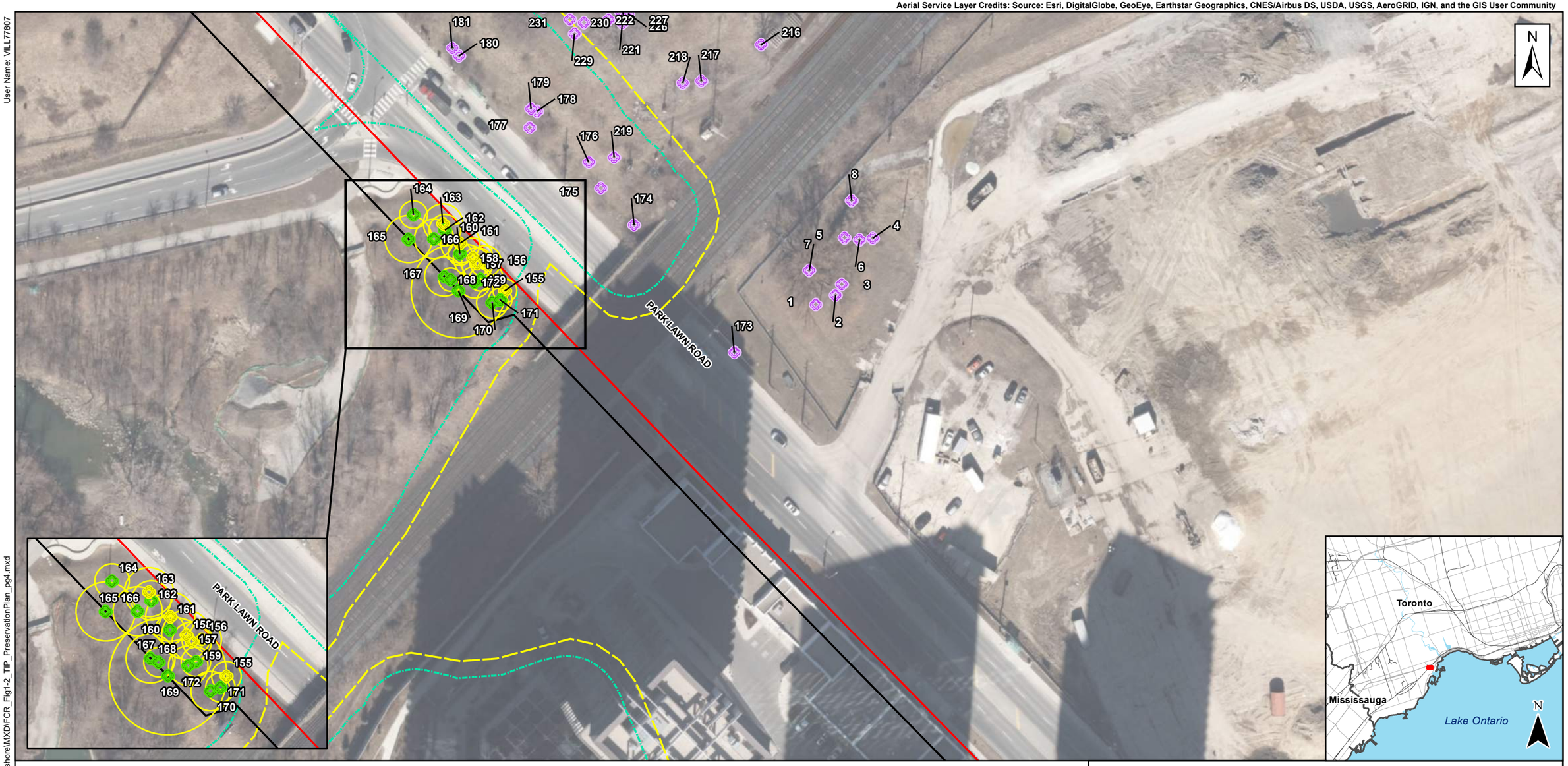
1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 12.5 25 50 Meters

1:1,000

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 3 of 6

User Name: VILL77807



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LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Tree to be Preserved (Not OLS Surveyed)
- Tree to be Injured (Not OLS Surveyed)
- Tree to be Removed (Not OLS Surveyed)
- Tree Protection Zone (TPZ)

NOTES

1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 12.5 25 50 Meters

1:1,000

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 4 of 6

Aerial Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

User Name: VILL77807

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LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Tree to be Preserved (Not OLS Surveyed)
- Tree to be Injured (Not OLS Surveyed)
- Tree to be Removed (Not OLS Surveyed)
- Tree Protection Zone (TPZ)

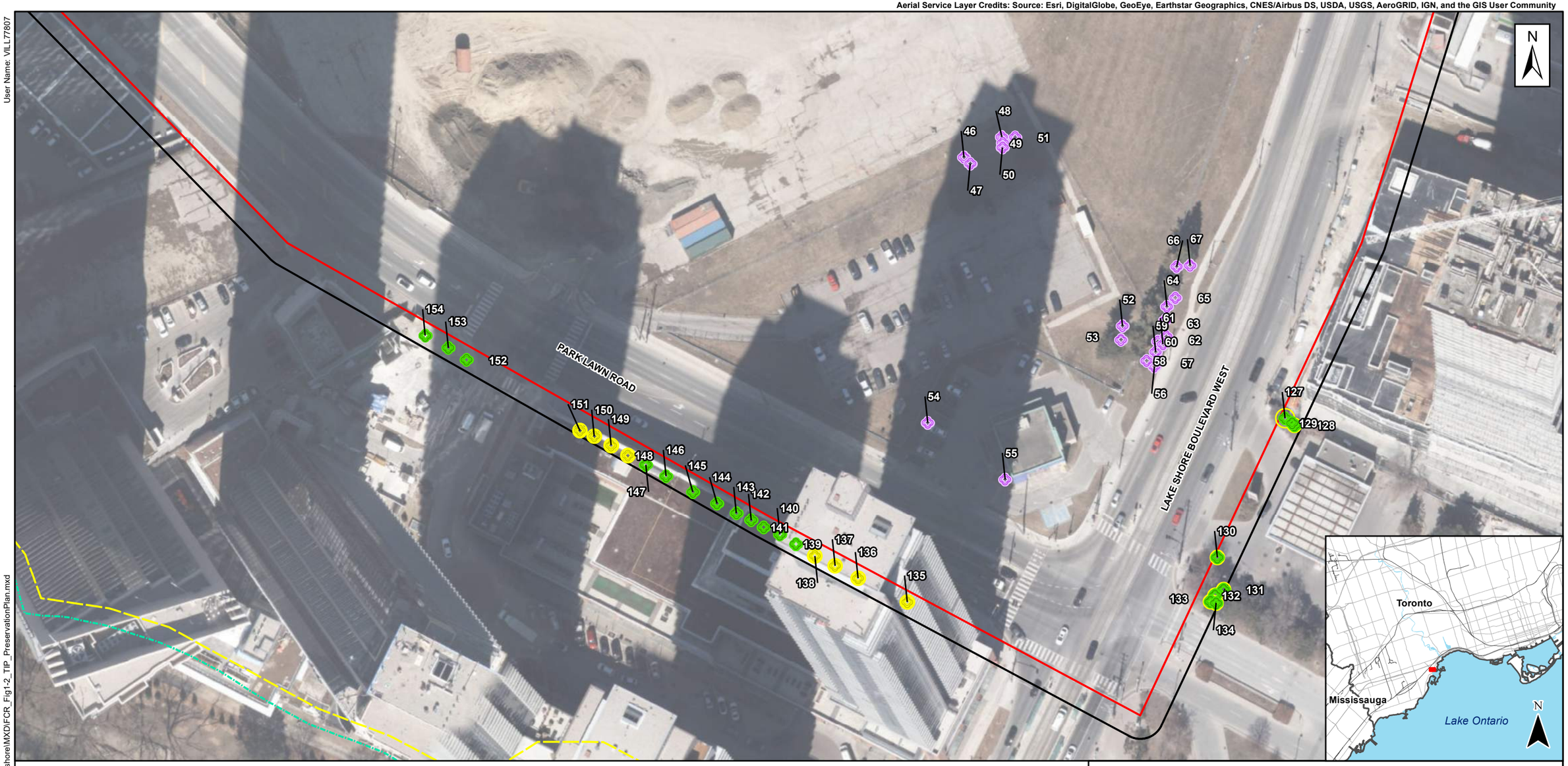
NOTES

1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

0 12.5 25 50 Meters

1:1,000

Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 5 of 6



LEGEND

- Project Location
- Study Area 6-12 Metres
- Toronto Region Conservation Authority (TRCA) Regulated Area
- Ravine and Natural Feature Plan (RNFP)
- Railway
- Tree to be Preserved (Not OLS Surveyed)
- Tree to be Injured (Not OLS Surveyed)
- Tree to be Removed (Not OLS Surveyed)
- Tree Protection Zone (TPZ)

NOTES

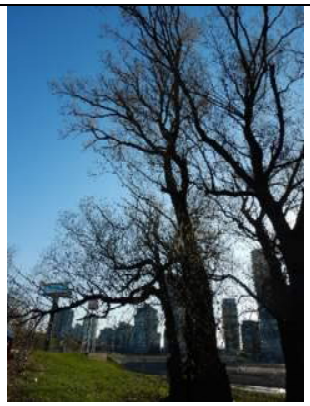
1. Coordinate system - UTM NAD 1983 Zone 17N
2. Sources: Roads, Railways, Watercourses - Land Information Ontario; RNFP, City of Toronto 2019.

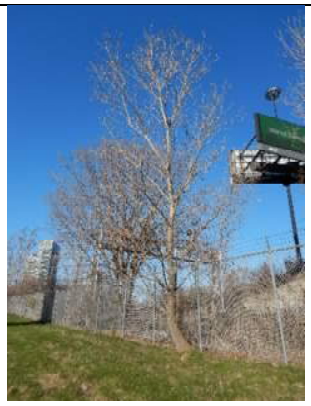
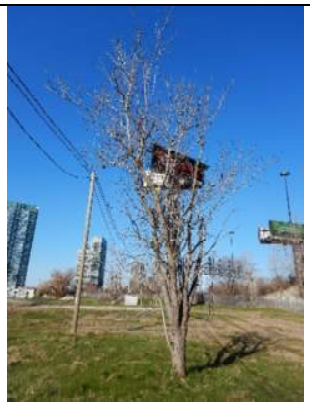
0 12.5 25 50 Meters

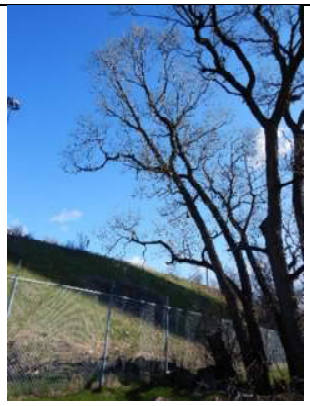
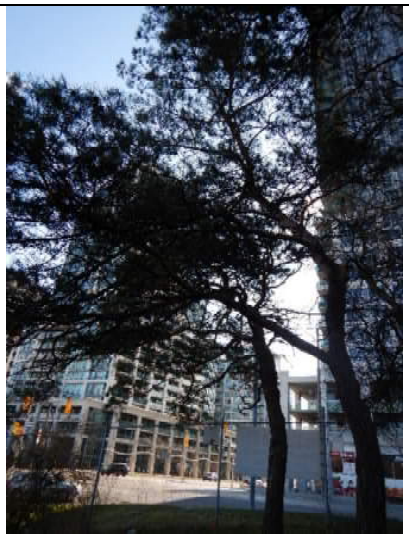
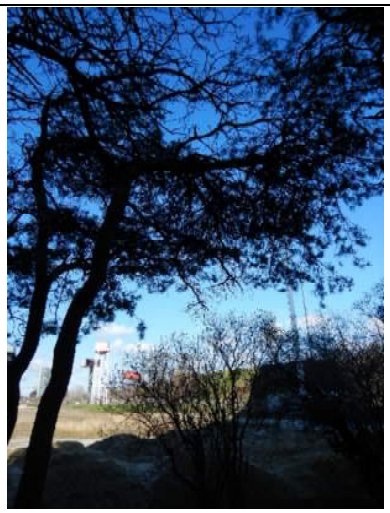
1:1,000

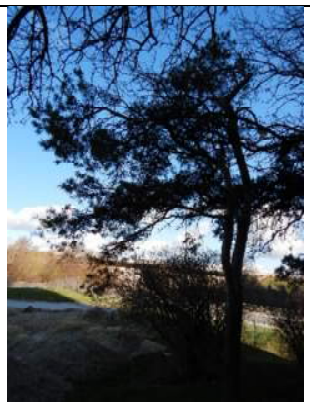
Project:	**2150 Lakeshore**		
Figure Title:	**Tree Preservation Plan**		
Prepared By: HATCH		**Date:** April 30, 2020	
Version: A	**Review:** TORONTO	**Figure:** B	**Page:** 6 of 6

APPENDIX C
SITE PHOTOGRAPHS

	
Tree # 1: 2150 Lakeshore Blvd. Start	**Tree # 2**
	
Tree # 3	**Trees # 4**
	
Tree # 5	**Tree # 6**

	
Tree # 7	**Tree # 8**
	
Tree # 9	**Tree # 10**
	
Tree # 11	**Tree # 12**

	
Tree # 13	**Tree # 14**
	
Tree # 15	**Tree # 16**
	
Tree # 17	**Tree # 18**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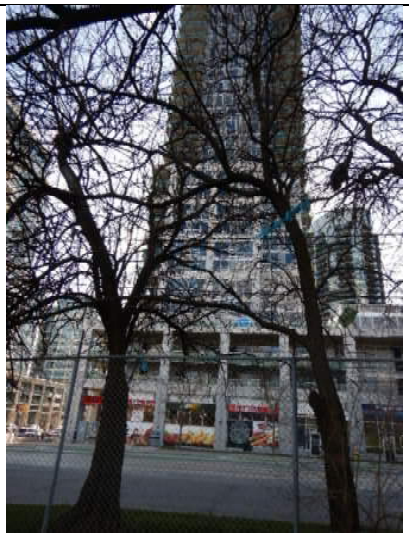
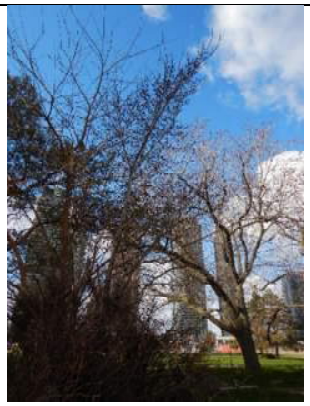
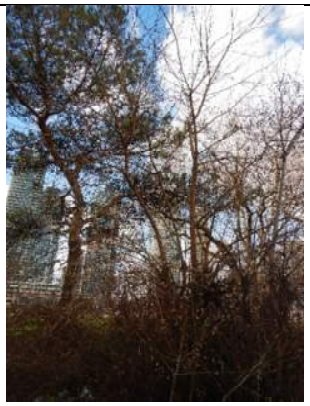
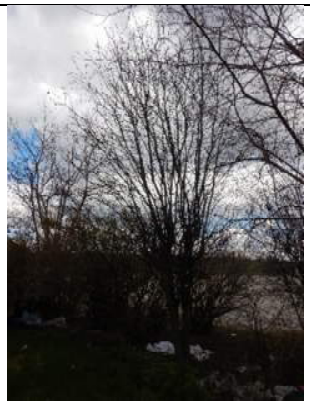
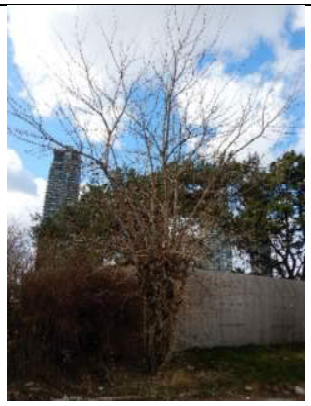
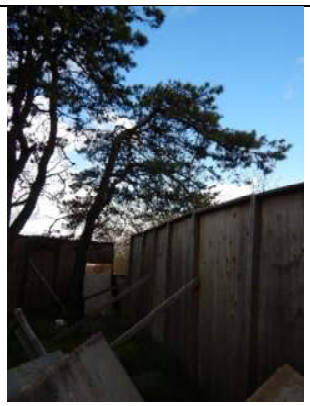
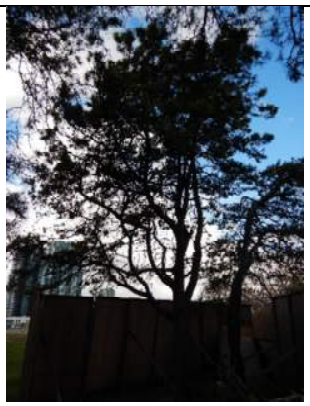
	
Tree # 21	**Tree # 22**
	
Tree # 23	**Tree # 24**

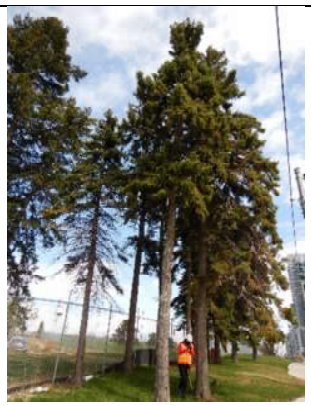
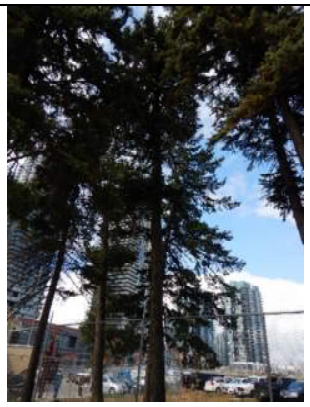
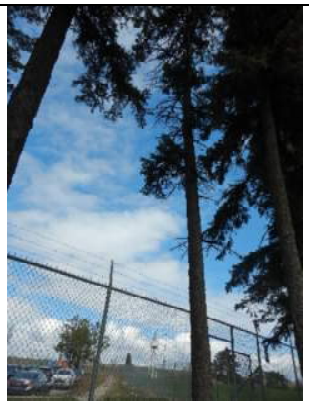
	
Tree # 25	**Tree # 26**
	
Tree # 27	**Tree # 28**
	
Tree # 29	**Tree # 30**

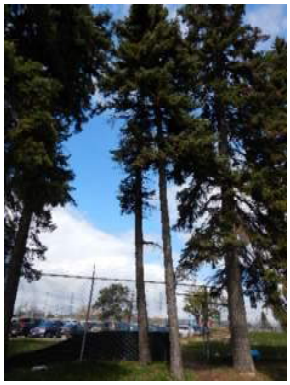
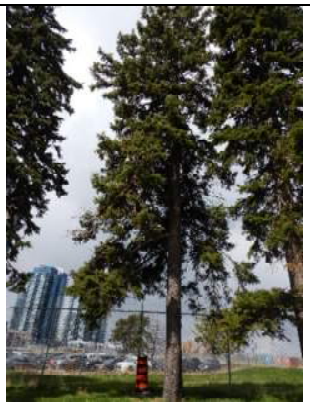
	
Tree # 31	**Tree # 32**
	
Tree # 33	**Tree # 34**
	
Tree # 35	**Tree # 36**

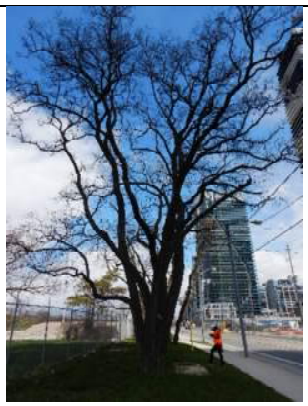
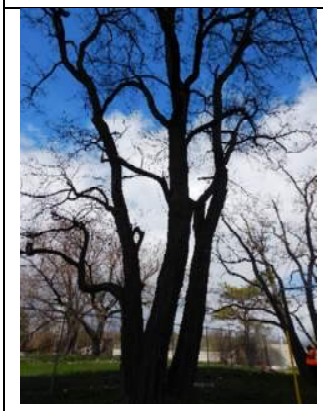
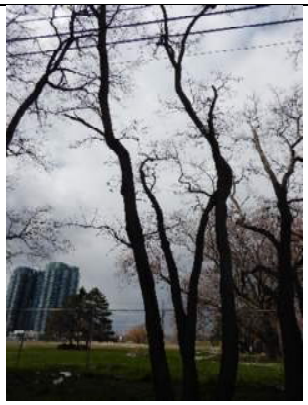
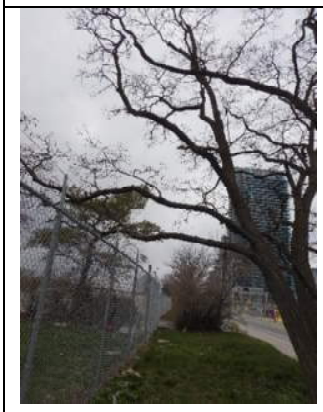
	
Tree # 37	**Tree # 38**
	
Tree # 39	**Tree # 40**
	
Tree # 41	**Tree # 42**

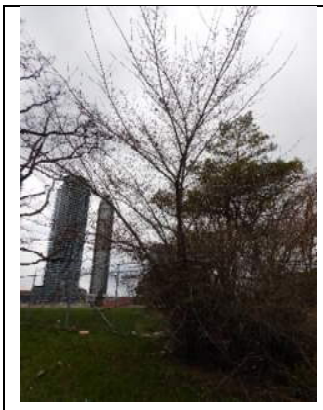
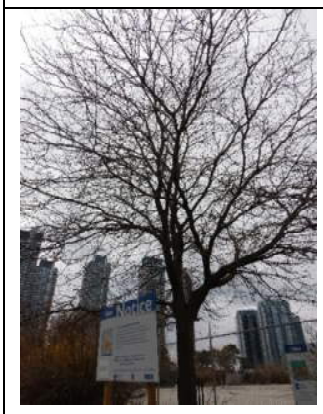
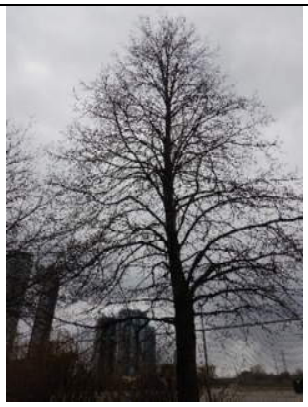
	
Tree # 43	**Tree # 44**
	
Tree # 45	**Tree # 46**
	
Tree # 47	**Tree # 48**

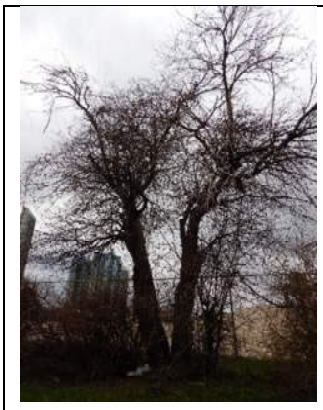
	
Tree # 49	**Tree # 50**
	
Tree # 51	**Tree # 52**
	
Tree # 53	**Tree # 54**

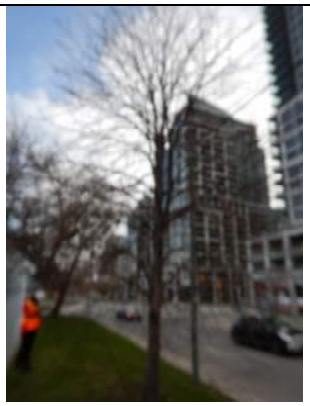
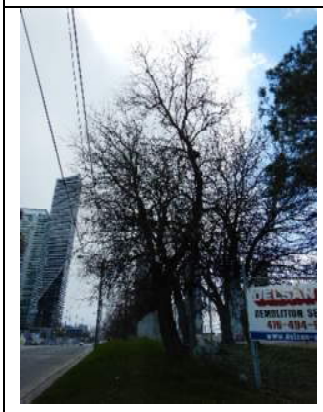
	
Tree # 55	**Tree # 56**
	
Tree # 57	**Tree # 58**
	
Tree # 59	**Tree # 60**

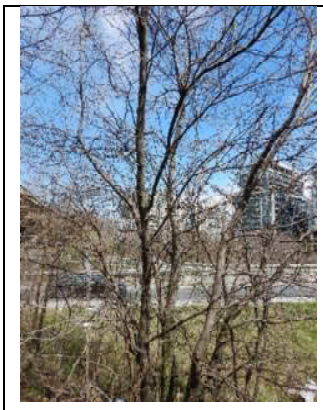
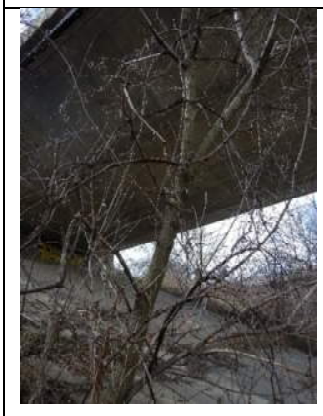
	
Tree # 61	**Tree # 62**
	
Tree # 63	**Tree # 64**
	
Tree # 65	**Tree # 66**

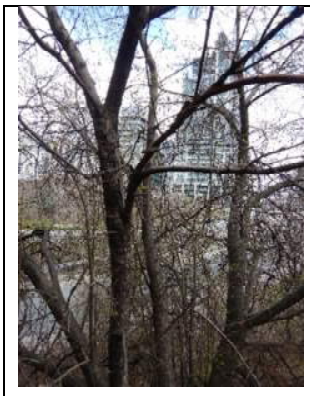
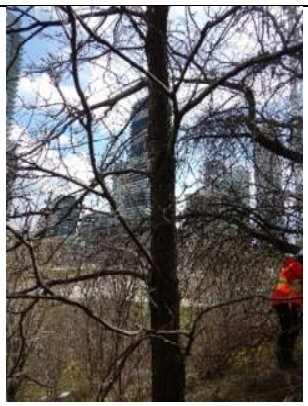
	
Tree # 67	**Tree # 68**
	
Tree # 69	**Tree # 70**
	
Tree # 71	**Tree # 72**

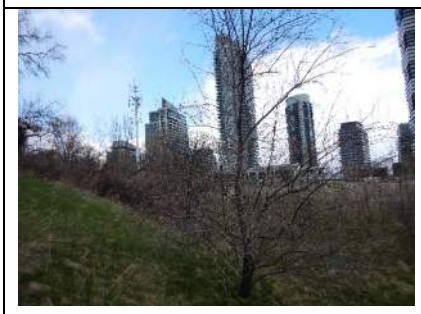
	
Tree # 73	**Tree # 74**
	
Tree # 75	**Tree # 76**
	
Tree # 77	**Tree # 78**

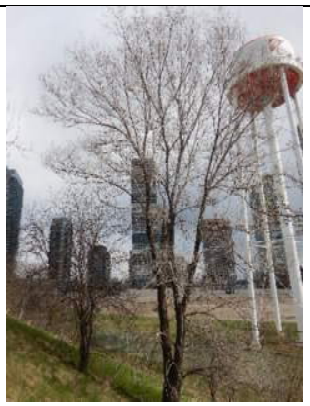
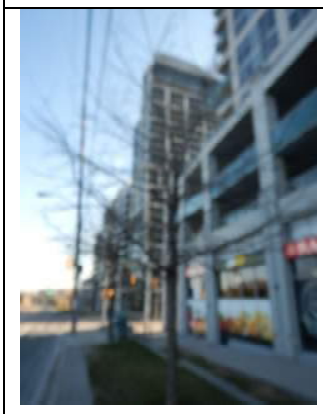
	
Tree # 79	**Tree # 80**
	
Tree # 81	**Tree # 82**
	
Tree # 83	**Tree # 84**

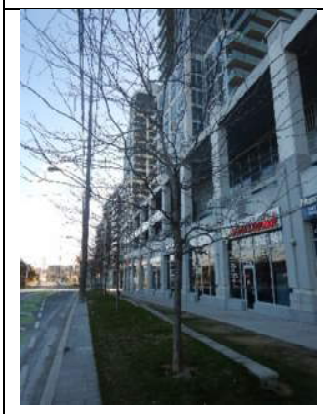
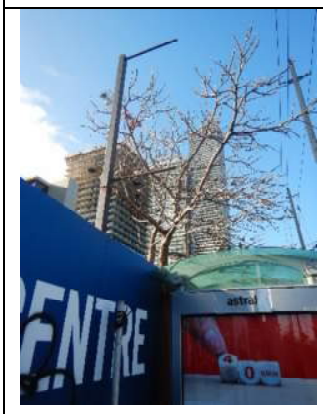
	
Tree # 85	**Tree # 86**
	
Tree # 87	**Tree # 88**
	
Tree # 89	**Tree # 90: 2150 Lakeshore Blvd. End**

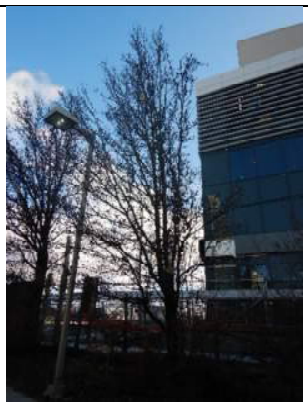
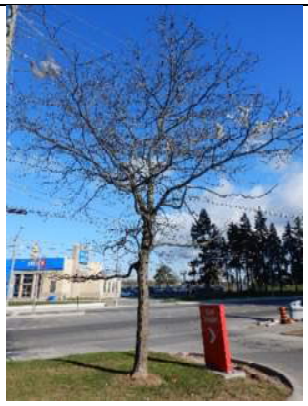
	
Tree # 91: City Park (2150 Lakeshore Blvd. W) on Brookers Ln and Gardiner	**Tree # 92**
	
Tree # 93	**Tree # 94**
	
Tree # 95	**Tree # 96**

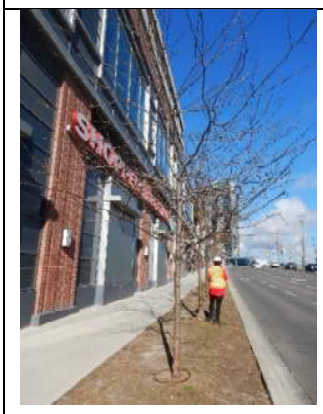
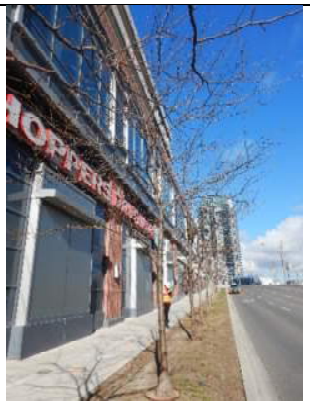
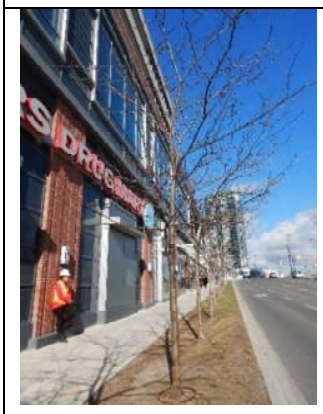
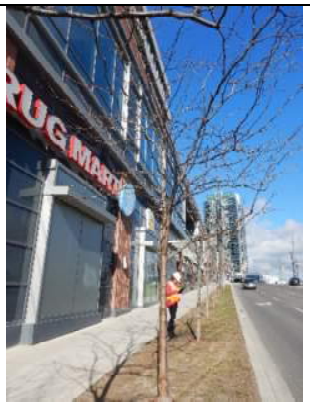
	
Tree # 97	**Tree # 98**
	
Tree # 99	**Tree # 100**
	
Tree # 101	**Tree # 102**

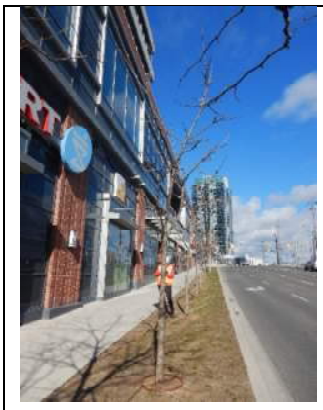
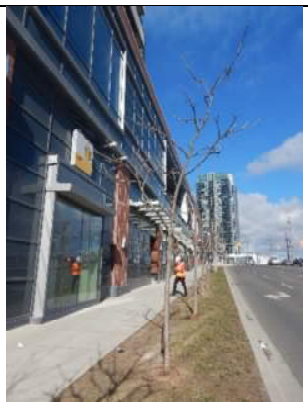
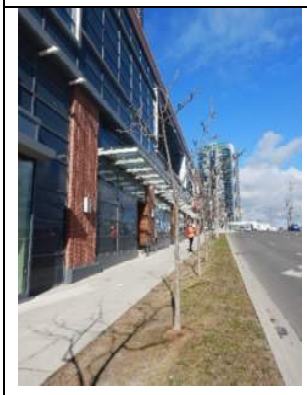
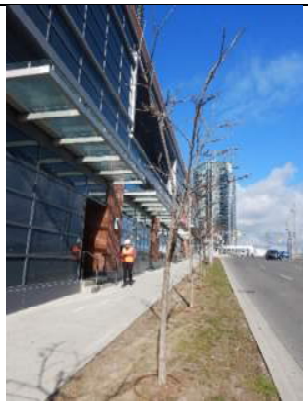
	
Tree # 103	**Tree # 104**
	
Tree # 105	**Tree # 106**
	
Tree # 107	**Tree # 108**

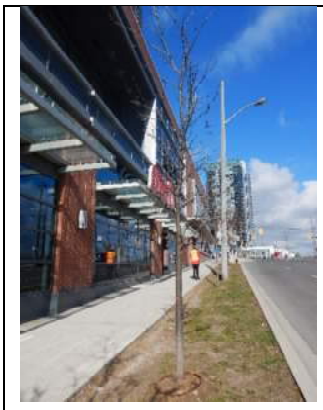
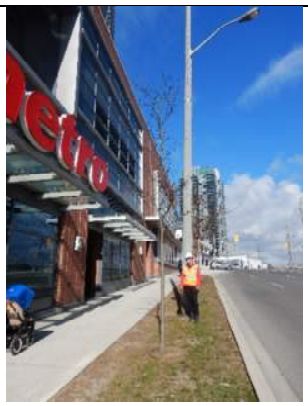
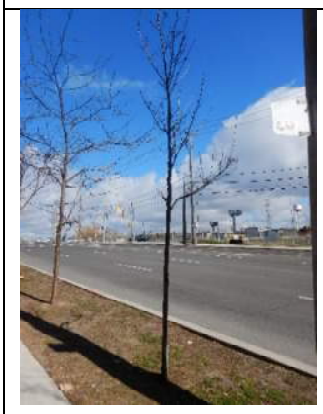
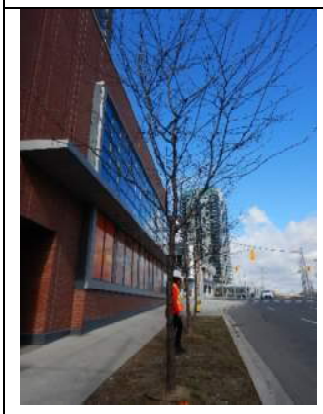
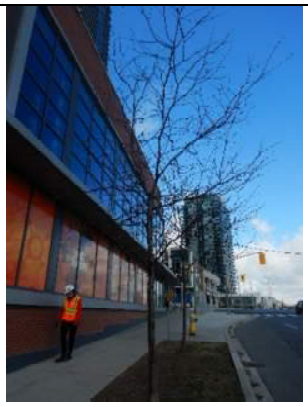
	
Tree # 109	**Tree # 110**
	
Tree # 111: City Park End	**Tree # 118: 2129 Lakeshore Blvd. West**
	
Tree # 119: 2129 Lakeshore Blvd. West	**Tree # 120: 2131 Lakeshore Blvd. West**

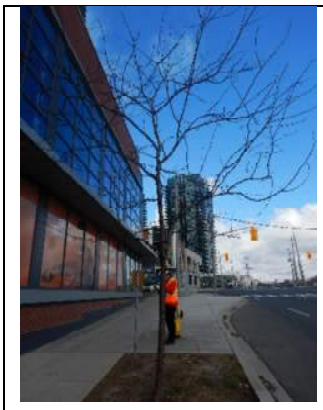
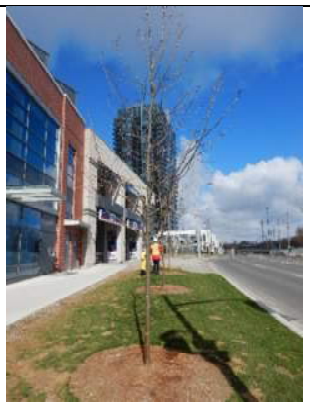
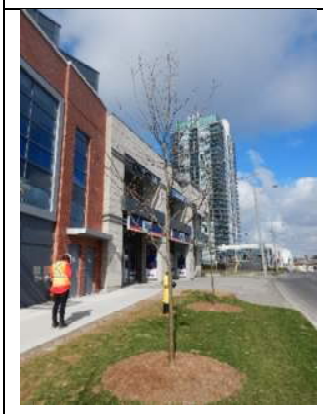
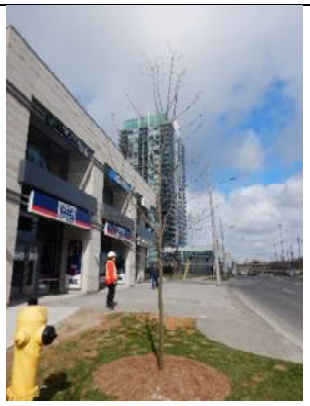
	
Tree # 121: 2133 Lakeshore Blvd. West	**Tree # 122: 2135 Lakeshore Blvd. West**
	
Tree # 123: 2137 Lakeshore Blvd. West	**Tree # 124: 2139 Lakeshore Blvd. West**
	
Tree # 125: 2151 Lakeshore Blvd. West	**Tree # 126: 33 Shore Breeze Dr.**

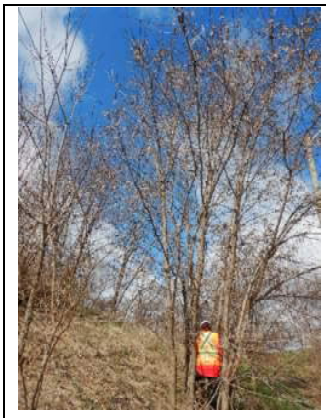
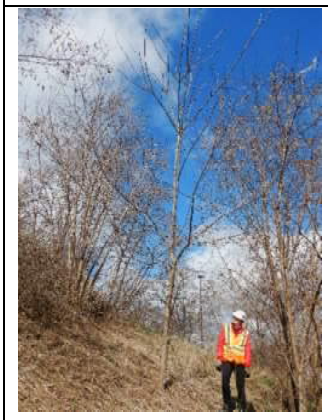
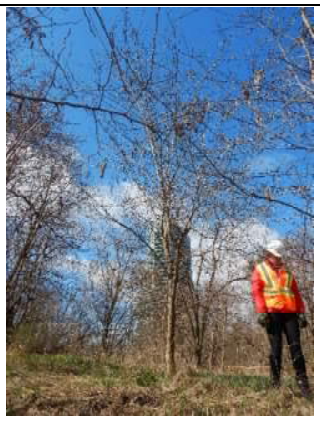
	
Tree # 127: 2189 Lakeshore Blvd. West	**Tree # 128: 2189 Lakeshore Blvd. West**
	
Tree # 129: 2189 Lakeshore Blvd. West	**Tree # 130: 2189 Lakeshore Blvd. West**
	
Tree # 131: 2189 Lakeshore Blvd. West	**Tree # 132: 2189 Lakeshore Blvd. West**

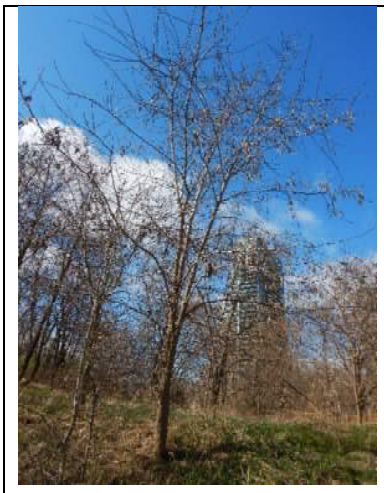
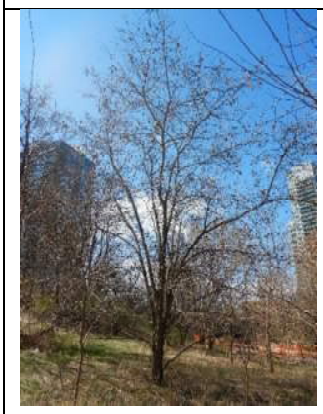
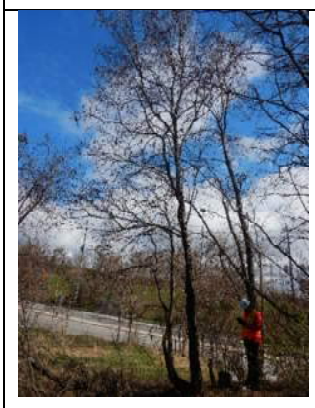
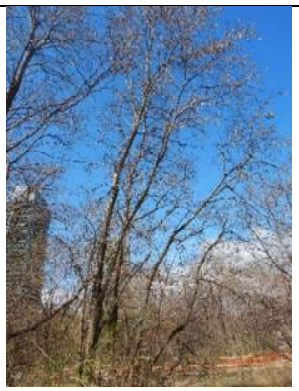
	
Tree # 133: 2189 Lakeshore Blvd. West	**Tree # 134: 2189 Lakeshore Blvd. West**
	
Tree # 135: 2196 Lakeshore Blvd. West	**Tree # 136: 2196 Lakeshore Blvd. West**
	
Tree # 137: 2196 Lakeshore Blvd. West	**Tree # 138: 2196 Lakeshore Blvd. West**

	
Tree # 139: 2196 Lakeshore Blvd. West	**Tree # 140: 2196 Lakeshore Blvd. West**
	
Tree # 141: 2196 Lakeshore Blvd. West	**Tree # 142: 2196 Lakeshore Blvd. West**
	
Tree # 143: 2196 Lakeshore Blvd. West	**Tree # 144: 2196 Lakeshore Blvd. West**

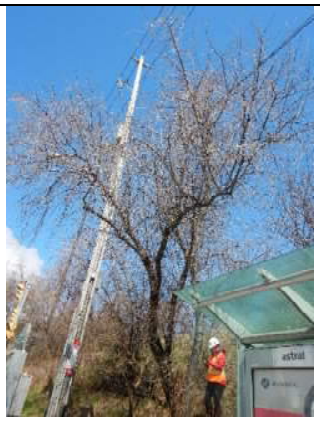
	
Tree # 145: 2196 Lakeshore Blvd. West	**Tree # 146: 2196 Lakeshore Blvd. West**
	
Tree # 147: 2196 Lakeshore Blvd. West	**Tree # 148: 2196 Lakeshore Blvd. West**
	
Tree # 149: 2196 Lakeshore Blvd. West	**Tree # 150: 2196 Lakeshore Blvd. West**

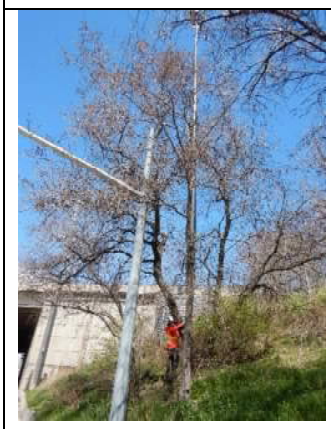
	
Tree # 151: 2222 Lakeshore Blvd. West	**Tree # 152: 10 Park Lawn Rd.**
	
Tree # 153: 10 Park Lawn Rd.	**Tree # 154: 10 Park Lawn Rd.**
	
Tree # 155: Ravine (90 Park Lawn Rd.)	**Tree # 156: Ravine (90 Park Lawn Rd.)**

	
Tree # 157: Ravine (90 Park Lawn Rd.)	**Tree # 158: Ravine (90 Park Lawn Rd.)**
	
Tree # 159: Ravine (90 Park Lawn Rd.)	**Tree # 160: Ravine (90 Park Lawn Rd.)**
	
Tree # 161	**Tree # 162**

	
Tree # 163	**Tree # 164**
	
Tree # 165	**Tree # 166**
	
Tree # 167	**Tree # 168**

	
Tree # 169	**Tree # 170**
	
Tree # 171	**Tree # 172 End of Ravine (90 Park Lawn Rd)**
	
Tree # 173 (2150 Lakeshore Blvd. West)	**Tree # 174 Ravine (2150 Lakeshore Blvd. W) on Park Lawn and Gardiner**

	
Tree # 175	**Tree # 176**
	
Tree # 177	**Tree # 178**
	
Tree # 179	**Tree # 180**

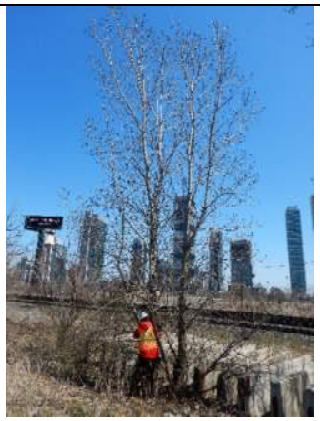
	
Tree # 181	**Tree # 182**
	
Tree # 183	**Tree # 184**
	
Tree # 185 End of Ravine	**Tree # 186 Start of Parkland (Gardiner)**

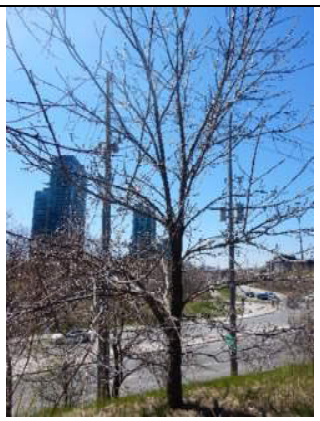
	
Tree # 187	**Tree # 188**
	
Tree # 189	**Tree # 190**
	
Tree # 191	**Tree # 192**

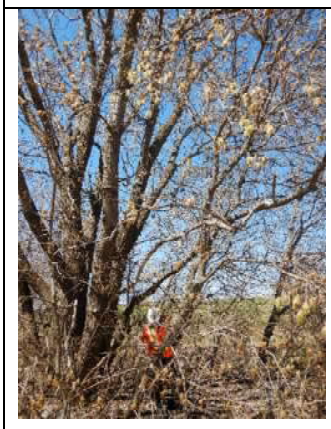
	
Tree # 193	**Tree # 194**
	
Tree # 195	**Tree # 196**
	
Tree # 197	**Tree # 198**

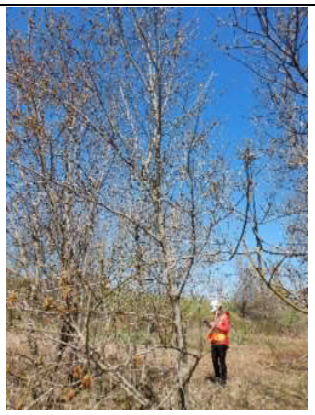
	
Tree # 199	**Tree # 200**
	
Tree # 201	**Tree # 202**
	
Tree # 203	**Tree # 204**

	
Tree # 205	**Tree # 206**
	
Tree # 207	**Tree # 208**
	
Tree # 209	**Tree # 210**

	
Tree # 211	**Tree # 212**
	
Tree # 214	**Tree # 215**
	
Tree # 216	**Tree # 217**

	
Tree # 218	**Tree # 219**
	
Tree # 220	**Tree # 221**
	
Tree # 222	**Tree # 223**

	
Tree # 224	**Tree # 225**
	
Tree # 226	**Tree # 227**
	
Tree # 228	**Tree # 229**

	
Tree # 230	**Tree # 231**
	
Tree # 232	**Tree # 233**
	
Tree # 234	**Tree # 235 End of Parkland (2150 Lake Shore and Park Lawn Rd.)**