

Memo

To:	Edith Tam	From:	Tommy Allen / Isabelle Lalonde
	City of Ottawa		Stantec Ottawa Office
Project/File:	160402067	Date:	February 20, 2025

Reference: 1010 Somerset Street West Tree Assessment Investigation

Stantec Consulting Ltd. was retained by the City of Ottawa to complete a Tree Inventory Report for trees growing in the vicinity of 1010 Somerset Street West, in anticipation of the rezoning and redevelopment of the site featuring an expanded recreation facility and park, a new school, and a new residential high-rise.

The property is bounded by Somerset Street West to the north, Preston Street to the east, Oak Street to the south, and O-Train Trillium Line to the west. The site is currently combining the Plant Recreation Centre, Plouffe Park, and a vacant lot with large, paved areas and buildings. The trees on-site are mostly surrounding the Plant Recreation Centre and Plouffe Park, with no trees on the western side of the site.

Trees growing around the proposed development areas were assessed to determine the species and general health condition of the existing vegetation and the potential impacts to trees during construction. In addition, our investigation included trees growing in the road right-of-way. Tree protection and tree mitigation recommendations have been developed in support of this area's development.

1 Tree Assessment

On-site tree assessment and inventories were conducted within the identified study area on October 22, 2024, and February 19, 2025, by Stantec Consulting Ltd. All trees over 10 centimetres (cm) in diameter at breast height (DBH) were assessed and inventoried. The assessment provided in this memo and criteria applied during field investigations follows standard arboriculture techniques. All assessments were made by a visual inspection of the above ground portions of the trees viewed from ground level. No climbing, physical coring, excavation, or probing examination of the trees were made. Trees were assessed for species, quantity, trunk size, and condition.

1.1 Methodology

All existing trees growing within or near the project site boundary and with a DBH of 10cm or greater were assessed, along with some trees under 10cm that have recently been planted intentionally (such as street trees and memorial trees). When possible, trees were measured using a metric caliper. Most tree locations are based on a site survey, as well as satellite imagery available for the site, correlated with in-person observations.

Trees have been assessed and inventoried in accordance with City of Ottawa's Tree Protection By-law (Bylaw No.2020-340). Tree Assessment Criteria includes a visual inspection of the trunk integrity, canopy

structure, and canopy vigor; the visual inspection uses a subjective holistic approach considering abiotic and biotic tree disorders. Tree assessment includes a visual inspection for:

- Evidence of abiotic (environmental, mechanical, and physical damage) and biotic (insects and disease) stressors,
- Trunk integrity (TI) including an assessment of the trunk for any defects,
- **Canopy structure** (CS) including an assessment of the scaffold branches and canopy of the tree,
- **Canopy vigour** (CV) including assessment of the amount of deadwood versus live growth in the tree crown while also considering the size, colour and amount of foliage.

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

 Table 1 – Tree Assessment Criteria

Good	Tree displays less than 15% deficiency/defect within the given tree assessment criteria (TI, CS, CV).
Fair	Tree displays 15%-40% deficiency/defect within the given tree assessment criteria (TI, CS, CV).
Poor	Tree displays greater than 40% deficiency/defect within the given tree (TI, CS, CV).

1.2 Observations

A total of **one hundred and sixty two** (162) trees were inventoried including fourteen (14) street trees (boulevard trees) with most of the trees growing around the Plant Recreation Centre and Plouffe Park. From the 162 trees, one hundred and seven (107) were individual trees with the remaining fifty (55) trees grouped in eight (8) different clusters mostly framing Plouffe Park along its southern and western property lines.

A total of eighteen (18) species were identified on site; tree species composition is 97% deciduous and 3% coniferous. Table 2 on the following page provides a list of the distribution of species growing on site; Appendix A provides a detailed list of all trees assessed as part of this project. No species at risk trees were identified on site.

Trees around the Plant Recreation Centre are mostly planted trees including two (2) memorial trees; only the trees 10cm or greater have been inventoried per City of Ottawa Tree By-law. Based on our review of aerial imagery available on GeoOttawa, the expansion of Plant Recreation Centre occurred between 2002 and 2005 with most of the trees growing around the building planted at that time; some of the trees growing around Plouffe Park appears on aerial imagery as early as 1976.

Groupings of trees along Oak Street are growing in a row directly adjacent to the chain link fence indicating they were planted; groupings of trees along the western property line of Plouffe Park are growing naturally and include spontaneous / opportunistic species generally spreading through seeds. Drawing L01 in Appendix B provides location of all trees inventoried.

Botanical name	Common Name	Quantity	Percentage
Acer negundo	Manitoba Maple	27	16.7%
Acer ginnala	Amur Maple	20	12.3%
Ginkgo biloba	Ginkgo Tree	20	12.3%
Gleditsia triacanthos	Honey Locust	20	12.3%
Amelanchier canadensis	Serviceberry	12	7.4%
Ulmus pumila	Siberian Elm	12	7.4%
Ulmus americana	American Elm	11	6.8%
Ulmus davidiana	Prospector Elm	6	3.7%
Acer saccharum	Sugar Maple	5	3.1%
Picea pungens	Blue Spruce	5	3.1%
Tilia cordata	Littleleaf Linden	5	3.1%
Unidentified	Unidentified	5	3.1%
Celtis occidentalis	Hackberry	4	2.5%
Quercus alba	White Oak	4	2.5%
Acer rubrum	Red Maple	2	1.2%
Acer platanoides	Norway Maple	1	0.6%
Fraxinus sp.	Ash Tree	1	0.6%
Malus sp.	Apple Species	1	0.6%
Populus deltoides	Eastern Cottonwood	1	0.6%
	TOT	AL 162	100%

Table 2 – Distribution of Tree Species

Trees were mostly in fair to good health as indicated on the Tree Inventory Chart (refer to Appendix A). The most common health defects identified were suppressed canopy vigour, branch-tip dieback, mechanical trunk damage and crossing branches.

Trees were mainly mature in size, with 85% of trees between 10-29cm DBH and 15% at or above 30cm DBH; a total of seven (7) trees were above 50cm DBH.

2 Proposed Development and Tree Protection Recommendations

The proposed development on this project site is to create a community hub including the expansion of the existing Plant Recreation Centre, a new elementary school, a new park, new residential towers to accommodate up to 600 new dwelling units, and internal roadway and pathway networks.

Based on current design drawings, it is anticipated that forty-one (41) trees will require removal to facilitate the redevelopment of this block. Anticipated tree removals are associated to the construction of the new Recreation and Cultural Facility, the expansion of the Plant Recreation Centre, and the new CEPEO school and adjacent roadway:

- 1. Recreation and Cultural Facility new building
 - a. Eight (8) individual trees:
 - Trees 72 to 76 Trees 72 and 73 are Siberian elms (non-native and opportunistic species); Trees 74 and 75 are Manitoba maples (non-native); and Tree 76 is a Norway maple (non-native and invasive species). Trees 72 to 74 are 30cm DBH or greater. All these trees are in fair conditions.
 - Trees 81 to 83 Tree 81 is an apple tree and Trees 82 and 83 are Manitoba maples (non-native). Trees 82 and 83 are 50cm DBH. All these trees are in fair to poor conditions.
- 2. Plant Recreation Centre expansion of existing building
 - a. One (1) individual tree:
 - i. Tree 40 A honeylocust (non-native) with exposed roots. Tree 40 is under 30cm DBH and in good conditions.
- 3. **CEPEO School and Adjacent Roadway** new building and new roadway within Plouffe Park
 - a. Four (4) individual trees:
 - i. Trees 66 to 68 Siberian elms (non-native and opportunistic species). All trees are more than 50cm DBH but generally in fair conditions.
 - ii. Tree 71 a significantly large American elm (native species) of 50cm DBH; it is in fair to good condition.
 - b. Three (3) groupings: groupings G6 to G8 (21 trees). All trees are less than 30cm DBH and generally in fair conditions.
 - c. Up to two (2) trees in grouping G5. Trees are Amur maples with a DBH of less than 30cm and are generally in fair conditions.

4. Development adjacent O-Train/MUP Corridor - new residential towers

- a. Five (5) individual trees:
 - i. Trees 86-88 hite oaks under 20cm DBH. All trees appeared in good conditions.
 - ii. Trees 103-104 unidentified trees under 20cm DBH. Trees appeared in good conditions.

Based on our review of the proposed redevelopment plan and existing conditions, we anticipate that all existing concrete curbs aligned with the proposed parking area and associated drive aisles between the Plant Recreation Centre and future Recreation and Cultural Facility would remain unchanged; this would allow for the retention of Trees 1 to 4 and Tree 77. The existing concrete curbs are currently located inside the critical root zones of these trees and they would most likely be impacted by construction activities. We also assume that no street modifications will be completed along Somerset Street West and Preston Street to allow for the retention of the street / boulevard trees along these roadways.

Mitigation measures should be taken to limit physical damage to trees to remain including roots, overall structure, and soil conditions. All trees within the limit of construction not identified for removal shall be protected with the installation of a temporary tree protection fencing placed at or beyond the identified critical root zone as detailed on the City of Ottawa Standard Protection detail inserted as Appendix C. Additional site-specific measures to limit tree disturbance should be included during design development to adjust and refine the limits of grading and / or introducing tree well(s). Finally, measures should be taken to enhance the soil conditions of any disturbed trees to limit stress and promote continued long-term health.

It is recommended that all removed trees be compensated with new tree plantings. The recommended compensation ratio is 2:1 for trees removed with a 10-29cm DBH and 3:1 for trees removed with a DBH of 30 cm or greater. Based on the removal information provided above a total of thirty-two (32) anticipated removals are below 30cm DBH, and nine (9) are above 30cm DBH. It is anticipated / recommended that a minimum of ninety-one (91) compensation trees are planted. Compensation trees are recommended to be tolerant of urban conditions and salt; trees species should be selected and placed appropriately considering roadway conditions (maintain sightlines, consider winter maintenance requirements, avoid roadway drainage, avoid overhead utilities and street lighting and abide by the principles of *Crime Prevention Through Environmental Design*). Efforts should be made to plant native species where appropriate.

Regards,

STANTEC CONSULTING LTD.



Tommy Allen Landscape Architect Intern Phone: (613) 784-2239 tommy.allen@stantec.com

Lalonde

Digitally signed by Lalonde, Isabelle Date: 2025.02.20 10:23:28 -05'00'

Isabelle Lalonde, B.LA, OALA, CSLA, AAPQ Senior Landscape Architect Phone: (613) 724-4369 isabelle.lalonde@stantec.com February 20, 2025 City of Ottawa Page 6 of 6

Reference: 1010 Somerset Street West -- Tree Assessment Investigation

Attachment: Appendix A – Tree Inventory Chart Appendix B – Mapping Appendix C – Tree Protection Detail

Appendix A

Tree Inventory Chart

Tree Inventory & Preservation Chart

Project: 160402067 (1010 Somerset Street West) Date of Field Work: Oct. 22, 2024 *Condition: Good Fair Poor Tree Count Remarks (by DBH Range) Condition Total DBH 10-30- 50cm Construction ID # Botanical Name Common Name TI CS CV Defects: Biological / Structural / Mechanical Other Ownership Count (cm) 29cm 49cm + Requirement mechanical trunk damage, Emerald Ash borer damage, F F Fraxinus sp. Ash Tree 10 0 0 Р Municipal Retain 1 suppressed canopy vigor, natural lean 2 Ulmus pumila Siberian Elm 1 16 1 0 0 G G F suppressed canopy vigor Overhead wires Municipal Retain 3 Ulmus americana American Elm 14 0 0 F codominant branches & stems Multi-stem, overhead wires Municipal Retain 1 1 F F 4 Gleditsia triacanthos F Honey Locust 1 17 1 0 0 F G exposed roots, weak union Overhead wires Municipal Retain 5 Ginkgo biloba 38 0 0 G G Retain Ginkgo Tree F suppressed canopy vigor Overhead wires Municipal 6 Ginkgo biloba 24 0 0 G G Municipal Ginkao Tree 1 1 F suppressed canopy vigor Overhead wires Retain 7 Ulmus americana American Elm 1 10 1 0 0 G G G Multi-stem Municipal Retain 8 Amelanchier canadensis Serviceberry 1 9 1 0 0 F G G mechanical trunk damage, natural lean Municipal Retain 9 10 0 0 F F G Multi-stem Ulmus americana American Elm 1 codominant branches & stems, weak union, crossing branches Retain 1 Municipal 10 Ginkgo biloba 9 0 0 G F F Retain Ginkgo Tree 1 1 reduced canopy vigor Municipal 11 0 G F F Ginkgo biloba Ginkgo Tree 9 1 0 reduced canopy vigor Municipal Retain suppressed canopy vigor, branch tip dieback 12 Gleditsia triacanthos Honev Locust 1 11 1 0 0 G G F Municipal Retain Honey Locust 13 Gleditsia triacanthos 1 37 0 0 G G G Overhead wires Municipal Retain 14 Gleditsia triacanthos Honey Locust 1 40 0 1 0 G F F crossing branches, suppressed canopy vigor Municipal Retain 15 Gleditsia triacanthos Honey Locust 39 0 0 G F F crossing branches, suppressed canopy vigor Municipal Retain 1 1 F 34 0 G F 16 1 0 1 Retain Gleditsia triacanthos Honey Locust exposed roots, suppressed canopy vigor, crossing branches Municipal suppressed canopy vigor, crossing branches, asymmetrical crown G F F 17 Ginkgo biloba Ginkgo Tree 1 33 0 1 0 Municipal Retain Shape suppressed canopy vigor, crossing branches, vertical branches, 18 Ginkgo biloba Ginkgo Tree 27 1 0 0 G F F Municipal Retain 1 asymmetrical crown Shape 19 Ginkgo biloba Ginkgo Tree 1 36 0 1 0 G G G Specimen Tree Municipal Retain weak union, codominant branches & stems, vertical branches, leaf F F 20 Ulmus pumila Siberian Elm 1 21 1 0 0 F Retain Municipal snots 21 Ginkgo biloba 9 0 0 G G G Municipal Retain Ginkgo Tree 1 1 G 22 Ginkgo biloba Ginkao Tree 1 13 1 0 0 G G Municipal Retain 23 10 0 G Retain Ginkgo biloba Ginkgo Tree 0 F G mechanical trunk damage Municipal 24 Ginkgo biloba Ginkgo Tree 1 23 1 0 0 G F F crossing branches, vertical branches Municipal Retain 18 Retain 25 Gleditsia triacanthos Honey Locust 1 0 0 G F F crossing branches, suppressed canopy vigor Municipal 26 Picea pungens Blue Spruce 23 1 0 0 G F suppressed canopy vigor, crossing branches Municipal Retain 1 F 27 Ginkgo biloba 0 0 F F Municipal Retain Ginkgo Tree 1 28 1 G suppressed canopy vigor, crossing branches 28 Picea pungens Blue Spruce 1 19 1 0 0 G G G Municipal Retain 29 Picea pungens Blue Spruce 19 0 0 G G G Municipal Retain 30 Ginkgo biloba 34 0 0 G F G crossing branches Retain Ginkgo Tree 1 1 Municipal 31 18 1 0 0 G F F Municipal Retain Picea pungens Blue Spruce suppressed canopy vigor, crossing branches F 32 Gleditsia triacanthos Honey Locust 0 0 G F 1 11 1 suppressed canopy vigor, crossing branches Municipal Retain G 33 Picea pungens Blue Spruce 1 21 1 0 0 G G Municipal Retain 34 Gleditsia triacanthos Honey Locust 1 16 1 0 0 F G G frost cracks Municipal Retain 35 Acer saccharum Sugar Maple 18 0 0 G G G Municipal Retain 1 36 Ulmus pumila Siberian Elm 1 21 1 0 0 G G F leaf spots, branch tip dieback, exposed roots Municipal Retain 37 Acer saccharum Sugar Maple 10 0 0 F G G exposed roots Municipal Retain 0 G G G 38 Ulmus americana American Elm 1 15 1 0 Municipal Retain 14 G 39 Ulmus americana American Elm 1 1 0 0 F F codominant branches & stems, crossing branches, weak union Municipal Retain 28 G 40 Gleditsia triacanthos Honey Locust 1 0 0 F G exposed roots Municipal Remove

* Trunk Integrity (TI) Canopy Structure (CS) Canopy Vigor (CV)

				Tree Count (by DBH Range)			onditi	on	Remarks					
ID #	Botanical Name	Common Name	Total Count	DBH (cm)	10- 29cm	30- 49cm	50cm	ті	cs	cv	Defects: Biological / Structural / Mechanical	Other	Ownership	Construction Requirement
41	Gleditsia triacanthos	Honey Locust	1	14	1	0	0	G	F	F	asymmetrical crown Shape, suppressed canopy vigor, crossing branches		Municipal	Retain
42	Gleditsia triacanthos	Honey Locust	1	35	0	1	0	G	F	G	crossing branches		Municipal	Retain
43	Gleditsia triacanthos	Honey Locust	1	21	1	0	0	F	G	G	exposed roots		Municipal	Retain
44	Gleditsia triacanthos	Honey Locust	1	20	1	0	0	F	G	G	exposed roots		Municipal	Retain
45	Tilia cordata	Littleleaf Linden	1	12	1	0	0	G	G	G			Municipal	Retain
46	Tilia cordata	Littleleaf Linden	1	17	1	0	0	G	F	G	natural lean		Municipal	Retain
40	Populus deltoides	Eastern Cottonwood	1	37	0	1	0	G	G	G			Municipal	Retain
	,		1								suckering, natural lean, suppressed canopy vigor, crossing			
48	Tilia cordata	Littleleaf Linden	1	17	1	0	0	F	F	F	branches		Municipal	Retain
49	Tilia cordata	Littleleaf Linden	1	11	1	0	0	F	G	G	mechanical trunk damage		Municipal	Retain
50	Acer saccharum	Sugar Maple	1	22	1	0	0	G	G	G			Municipal	Retain
51	Tilia cordata	Littleleaf Linden	1	11	1	0	0	F	G	G	suckering, exposed roots		Municipal	Retain
52	Acer ginnala	Amur Maple	1	10	1	0	0	G	G	G			Municipal	Retain
53	Acer ginnala	Amur Maple	1	10	1	0	0	G	G	F	reduced canopy vigor		Municipal	Retain
54	Acer ginnala	Amur Maple	1	10	1	0	0	G	G	G			Municipal	Retain
55	Acer ginnala	Amur Maple	1	10	1	0	0	G	G	F	reduced canopy vigor		Municipal	Retain
_	Acer ginnala	Amur Maple	1	10	1	0	0	G	G	G			Municipal	Retain
57	Acer ginnala	Amur Maple	1	11	1	0	0	G	G	G	mechanical trunk democra reduced concern visor branch tip		Municipal	Retain
58	Ginkgo biloba	Ginkgo Tree	1	17	1	0	0	F	Ρ	Ρ	mechanical trunk damage, reduced canopy vigor, branch tip dieback		Municipal	Retain
59	Ginkgo biloba	Ginkgo Tree	1	17	1	0	0	F	Ρ	F	mechanical trunk damage, reduced canopy vigor, branch tip dieback		Municipal	Retain
60	Ginkgo biloba	Ginkgo Tree	1	19	1	0	0	F	F	F	mechanical trunk damage, natural lean, reduced canopy vigor		Municipal	Retain
61	Ginkgo biloba	Ginkgo Tree	1	28	1	0	0	G	F	G			Municipal	Retain
62	Ginkgo biloba	Ginkgo Tree	1	30	0	1	0	G	G	G			Municipal	Retain
63	Ginkgo biloba	Ginkgo Tree	1	11	1	0	0	G	G	G			Municipal	Retain
64	Acer saccharum	Sugar Maple	1	43	0	1	0	G	G	G			Municipal	Retain
65	Ginkgo biloba	Ginkgo Tree	1	12	1	0	0	G	G	G			Municipal	Retain
66	Ulmus pumila	Siberian Elm	1	89	0	0	1	F	F	F	weak union, mechanical trunk damage, suppressed canopy vigor	Multi-stem	Municipal	Remove
67	Ulmus pumila	Siberian Elm	1	97	0	0	1	G	F	G	codominant branches & stems	Multi-stem	Municipal	Remove
68	Ulmus pumila	Siberian Elm	1	52	0	0	1	F	F	F	exposed roots, codominant branches & stems, suppressed canopy vigor, crossing branches, vine in crown	Multi-stem	Municipal	Remove
69	Gleditsia triacanthos	Honey Locust	1	18	1	0	0	G	F	F	suppressed canopy vigor		Municipal	Retain
70	Gleditsia triacanthos	Honey Locust	1	19	1	0	0	G	G	G			Municipal	Retain
71	Ulmus americana	American Elm	1	50	0	0	1	G	F	F	asymmetrical crown Shape, natural lean, suppressed canopy vigor		Municipal	Remove
72	Ulmus pumila	Siberian Elm	1	42	0	1	0	F	F	F	natural lean, suckering, leaf spots		Municipal	Remove
73	Ulmus pumila	Siberian Elm	1	30	0	1	0	G	F	F	reduced canopy vigor, leaf spots		Municipal	Remove
74	Acer negundo	Manitoba Maple	1	32	0	1	0	Ρ	F	F	crossing branches, suppressed canopy vigor, suckering, weak union	Multi-stem. Growing through fence.	Municipal	Remove
75	Acer negundo	Manitoba Maple	1	23	1	0	0	G	F	F	crossing branches, suppressed canopy vigor		Municipal	Remove
76	Acer platanoides	Norway Maple	1	28	1	0	0	G	F	F	crossing branches, suppressed canopy vigor		Municipal	Remove
77	Ulmus americana	American Elm	1	55	0	0	1	F	G	G	exposed roots		Municipal	Retain
78	Gleditsia triacanthos	Honey Locust	1	8	1	0	0	G	F	Ρ	reduced canopy vigor		Municipal	Retain
79	Gleditsia triacanthos	Honey Locust	1	15	1	0	0	G	G	G			Municipal	Retain
80	Gleditsia triacanthos	Honey Locust	1	15	1	0	0	G	G	G			Municipal	Retain

						ee Coun DBH Ran		C	onditio	on	Remarks			
ID #	Botanical Name	Common Name	Total Count	DBH (cm)	10- 29cm		50cm	ті	CS		Defects: Biological / Structural / Mechanical	Other	Ownership	Construction Requirement
81	Malus sp.	Apple Species	1	15	1	0	0	F	F	F	vine in crown, crossing branches, branch tip dieback, suckering	Multi-stem	Municipal	Remove
82	Acer negundo	Manitoba Maple	1	50	0	0	1	F	F	G	natural lean, weak union, suckering	Multi-stem	Municipal	Remove
83	Acer negundo	Manitoba Maple	1	50	0	0	1	Ρ	F	G	mechanical trunk damage, natural lean, weak union, suckering	Growing through fence	Municipal	Remove
84	Ulmus davidiana	Prospector Elm	1	13	1	0	0	F	F	F	branch tip dieback		Municipal	Retain
85	Ulmus davidiana	Prospector Elm	1	11	1	0	0	F	Р	Ρ	branch tip dieback, reduced canopy vigor, lost leader		Municipal	Retain
86	Quercus alba	White Oak	1	20	1	0	0	G	G	-	vine in crown		Municipal	Remove
87	Quercus alba	White Oak	1	18	1	0	0	G	G	-	vine in crown		Municipal	Remove
88	Quercus alba	White Oak	1	15	1	0	0	G	G	-			Federal	Remove
89	Quercus alba	White Oak	1	15	1	0	0	G	G	-			Federal	Retain
90	Ulmus davidiana	Prospector Elm	1	18	1	0	0	G	G	-			Federal	Retain
91	Unidentified	Unidentified	1	18	1	0	0	G	G	-	suppressed canopy vigor	Multi-stem	Federal	Retain
92	Unidentified	Unidentified	1	18	1	0	0	G	G	-	suppressed canopy vigor		Federal	Retain
93	Unidentified	Unidentified	1	19	1	0	0	F	F	-	suppressed canopy vigor	Multi-stem	Federal	Retain
94	Acer negundo	Manitoba Maple	1	25	1	0	0	G	F	-	suppressed canopy vigor	Multi-stem	Federal	Retain
95	Ulmus davidiana	Prospector Elm	1	32	0	1	0	G	F	-	suppressed canopy vigor	Multi-stem	Federal	Retain
96	Acer negundo	Manitoba Maple	1	25	1	0	0	Р	F	-	suppressed canopy vigor	Multi-stem	Federal	Retain
97	Acer saccharum	Sugar Maple	1	30	0	1	0	G	F	-	suppressed canopy vigor	Multi-stem	Federal	Retain
98	Acer rubrum	Red Maple	1	14	1	0	0	G	G	-			Federal	Retain
99	Celtis occidentalis	Hackberry	1	12	1	0	0	G	G	-			Federal	Retain
100	Celtis occidentalis	Hackberry	1	12	1	0	0	G	G	-			Federal	Retain
101	Ulmus davidiana	Prospector Elm	1	15	1	0	0	G	F	-	suckering	Multi-stem	Municipal	Retain
102	Ulmus davidiana	Prospector Elm	1	17	1	0	0	G	G	-	5		Municipal	Retain
103	Unidentified	Unidentified	1	20	1	0	0	G	G	-			Municipal	Remove
104	Unidentified	Unidentified	1	15	1	0	0	G	G	-			Municipal	Remove
105	Celtis occidentalis	Hackberry	1	18	1	0	0	F	F	-	suckering	Adjacent property	Federal	Retain
106	Celtis occidentalis	Hackberry	1	14	1	0	0	F	F	-	branch tip dieback	Adjacent property	Federal	Retain
107	Acer rubrum	Red Maple	1	16	1	0	0	G	G	-		Adjacent property	Federal	Retain
G1	Acer negundo	Manitoba Maple	4	-	4	0	0	F	F	F	natural lean, suppressed canopy vigor, crossing branches, weak union		Municipal	Retain
G2	Ulmus americana	American Elm	4	-	4	0	0	G	F	F	suppressed canopy vigor, crossing branches, weak union, exposed roots		Municipal	Retain
G2	Gleditsia triacanthos	Honey Locust	1		1	0	0	G	F	F	suppressed canopy vigor, crossing branches		Municipal	Retain
G3	Acer ginnala	Amur Maple	7	-	7	0	0	F	F	F	codominant branches & stems, reduced canopy vigor, suckering, leaf spots		Municipal	Retain
G4	Amelanchier canadensis	Serviceberry	11	-	11	0	0	F	F	F	natural lean, mechanical trunk damage, suppressed canopy vigor		Municipal	Retain
G5	Acer ginnala	Amur Maple	7	-	7	0	0	F	F	F	codominant branches & stems, mechanical trunk damage, crossing branches, reduced canopy vigor	Multi-stem	Municipal	Remove
G6	Acer negundo	Manitoba Maple	1		1	0	0	F	F	F	natural lean, suppressed canopy vigor, exposed roots	Multi-stem	Municipal	Remove
G6	Ulmus pumila	Siberian Elm	1		1	0	0	F	F	G	natural lean, weak union, suppressed canopy vigor	Growing on fence	Municipal	Remove
G6	Ulmus pumila	Siberian Elm	1		1	0	0	F	F	G	natural lean, weak union, suppressed canopy vigor		Municipal	Remove
G7	Acer negundo	Manitoba Maple	1	10	1	0	0	F	F	F	exposed roots, suppressed canopy vigor, weak union, suckering	Multi-stem	Municipal	Remove
G7	Acer negundo	Manitoba Maple	1	22	1	0	0	F	F	Ρ	exposed roots, suppressed canopy vigor, weak union, suckering	Growing on fence	Municipal	Remove
G7	Ulmus pumila	Siberian Elm	1	12	1	0	0	F	F	F	suckering, suppressed canopy vigor		Municipal	Remove
G7	Ulmus pumila	Siberian Elm	1	12	1	0	0	F	F	F	mechanical trunk damage, suppressed canopy vigor		Municipal	Remove

						Tree Count (by DBH Range) Condition			nditic	n	Remarks			
ID #	Botanical Name	Common Name		DBH (cm)		30- 49cm		TI	cs				Ownership	Construction Requirement
G8	Acer negundo	Manitoba Maple	14	-	14	0	0	F	F	F	natural lean, exposed roots, mechanical trunk damage, suppressed canopy vigor, vine in crown	Growing on fence	Municipal	Remove

Appendix B

Mapping





Stantec

Stantec Consulting Ltd. 400 - 1331 Clyde Avenue Ottawa ON Tel. 613.722.4420 www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend



EXISTING DECIDUOUS TREE AND IDENTIFICATION NUMBER EXISTING CONIFEROUS TREE AND IDENTIFICATION NUMBER

CRITICAL ROOT ZONE (CRZ)

EXISTING VEGETATION GROUPING

PROJECT LIMIT

Notes

- 1. AERIAL MAPPING FROM MICROSOFT BING MAPPING.
- AERIAL IMAGE 2024.2. LOCATION OF TREES ARE BASED ON THE SITE SURVEY COMBINED WITH ON-SITE OBSERVATIONS.

1 ISSUED FOR REVIEW		TA	ILL	25.02.19
Revision		Ву	Appd.	YY.MM.DD
File Name: XR_160402067_L_ExTrees.dwg	BL	ILL	TA	24.11.05
Permit-Seal	Dwn.	Chkd.	Dsgn.	YY.MM.DD

×

Client/Project

CITY OF OTTAWA 1010 SOMERSET STREET WEST

REZONING AND REDEVELOPMENT

OTTAWA, ONTARIO

Title TREE INVENTORY PLAN

 Project No.
 Scale
 5
 15
 2

 160402067
 1:500
 5
 15
 2

 Drawing No.
 Sheet
 Revision

 LO1
 1 of 2
 1



) Stantec

Stantec Consulting Ltd. 400 - 1331 Clyde Avenue Ottawa ON Tel. 613.722.4420 www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend



 \sim

EXISTING DECIDUOUS TREE AND IDENTIFICATION NUMBER EXISTING CONIFEROUS TREE AND IDENTIFICATION NUMBER

CRITICAL ROOT ZONE (CRZ)

EXISTING VEGETATION GROUPING

EXISTING TREE TO BE REMOVED

EXISTING VEGETATION GROUPING TO BE REMOVED

[[]] PROJECT LIMIT

Notes

1. LOCATION OF TREES ARE BASED ON THE SITE SURVEY COMBINED WITH ON-SITE OBSERVATIONS.

ISSUED FOR REVIEW TA ILL 25.02.19 By Appd. YY.MM.DD Revision BL ILL TA 24.11.05 File Name: XR_160402067_L_ExTrees.dwg Dwn. Chkd. Dsgn. YY.MM.DD Permit-Seal

 \boxtimes

Client/Project

CITY OF OTTAWA 1010 SOMERSET STREET WEST

REZONING AND REDEVELOPMENT

OTTAWA, ONTARIO

Title TREE PRESERVATION PLAN

Project No. Scale 160402067 Drawing No. Sheet Revision L02 2 of 2

Appendix C

City of Ottawa Tree Protection Detail

