



COHEN & MASTERTM

TREE AND SHRUB SERVICES

TREE PRESERVATION, PLANTING AND MANAGEMENT REPORT

The Wellington IG Inc.
192 Main St.
WELLINGTON, ON
K0K 3L0

Application #: SP-11-12.

Prepared by:

JENNIFER GAGNÉ

COHEN AND MASTER TREE AND SHRUB SERVICES LTD.

ISA CERTIFIED ARBORIST - ON 1993-A

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Date of Site Visits: Apr. 5, 20 & 24, 2022

Report Date: June 23, 2022

Revised: Oct. 26, 2023

Introduction

The Wellington IG Inc. retained Cohen & Master Tree and Shrub Services in May 2022 to complete a Tree Preservation, Planting and Management Report for 192 Main St., Wellington. The report was requested relative to the construction of garden suites, new parking, and landscaping. *The following report was revised in October 2023 relative to comments received from the municipality relative to the installation of a proposed perimeter fence.*

The purpose of this report is to:

- Establish species, size and condition of trees on the subject site and within 6m of the property line on adjacent properties.
- Provide a prescription for trees to be protected during the project.
- Provide a Tree Preservation Plan showing the location of required tree protection measures, injuries, removals and protection notes based on the site plan.

Key Items

A total of 138 trees were inventoried for this report: 79 trees are located on the subject site (8 are boundary trees), 25 trees are located on adjacent property and the remaining 33 trees have a diameter less than 10cm and are not protected under the policy. The following trees >10cm DBH will need to be removed or injured due to the proposed construction:

Action	Ownership/Location	Tag Number	Total No. Trees
Remove	Private Property, Subject Site	Trees 2, 5, 13, 14, 18, 20, 23, 24, 26, 27, 38, 45, 48, 49, 50, 62, 65, 74, 79, 93(2 trees), 100, 110, 127, 128 (4 trees)	24
	Private Property, Adjacent or Boundary	Trees 28, 32, 33, 34, 101	5
Injure	Private Property, Subject Site	Trees 10, 56, 57, 76, 87, 88, 90, 102, 103, 108, 117, 131, 134, 136	14
	Private Property, Adjacent or Boundary	Trees 35, 39, 40, 41, 77, 78, 80, 83, 89, 92, 94, 95, 96, 99, 112-114, 119, 121,	19

In addition to above, Trees 1, 15, 22, 25, 30, 36, 37, 42, 46, 47, 54, 58-61, 64, 68-72, 86, 97, 98, 111, 123, 133, 135 will need to be removed due to poor condition.

Method

1. The subject site was assessed on April 20 and 24, 2022 by the Consulting Arborist.
2. Photos were taken on June 16th and are attached as Appendix I.
3. The methods used to collect data and the information provided below are consistent with the details provided in the TREE PRESERVATION, PLANTING AND MANAGEMENT REPORT TERM OF REFERENCE (TOR).
4. Trunk diameter was measured using a calibrated diameter tape. The measurement was taken at 1.4 meters above ground level, generally referred to as the diameter at breast height (DBH).
5. Trees were assessed by external visual inspection from the ground and assigned a condition rating ranging from good to poor in consideration of biological and structural condition.
6. Trees proposed for removal due to construction were appraised using the *Guide for Plant Appraisal, 9th Edition*, authored by the Council of Tree and Landscape Appraisers (CTLA).
7. The tree inventory is attached as Appendix II.
8. A Tree Inventory and Preservation Plan was prepared by Cohen and Master by adding tree protection notes to the Landscape Plan prepared by Victoria Taylor Architect (Oct. 10, 2023). The Preservation Plan is found in Appendix III.
9. Limitations of assessment applicable to this report are described in Appendix IV.

Tree Protection Prescription

Pre-Construction Phase

TREE PROTECTION ZONES (TPZ) AND TREE PROTECTION BARRIERS

1. The following tree protection measures must be read in conjunction with the Tree Preservation Plan, Appendix III. Both documents must be provided to the site supervisor prior to any work commencing on the site.
2. No disturbance is allowed within the TPZ of trees without permission from the County of Prince Edward. Disturbance includes soil compaction from foot traffic and construction materials, excavation, trenching, grade changes, or storage or disposal of materials, including those toxic to plants.
3. The minimum TPZ radius is specified by the Tree Management and Preservation Policy and shown in the table below:

Trunk Diameter (DBH)	Tree Protection Zone - Minimum Protection Distances Required
< 10 cm	1.2 m
10-20 cm	1.8m
21-30 cm	1.8 m
30 – 41 cm	2.4 m
41 – 50 cm	3.0 m
51 – 60 cm	3.6 m
61 – 70 cm	4.2 m
71 – 80 cm	4.8 m
81 – 90 cm	5.4 m
91-100 cm	6 m
>100 cm	0.06 m / cm trunk diameter

4. Tree protection fencing is required under the Tree Management and Preservation Policy to be installed at the minimum distances noted in the table above for all trees 10 cm DBH or greater.
5. Protection fencing shall be comprised of materials making it semi-permanent, continuous and immovable. Protection fencing material shall be rigid (plywood) unless otherwise approved to be flexible (orange construction fence or siltation fabric) by the Director of Operations for trees on municipal lands or the Director of Development Services for trees on private lands subject to the Policy. Protection fencing shall be kept in place until the end of construction activities.
6. See Tree Preservation Plan, Appendix III for details.

Construction Phase

7. It is the responsibility of the site supervisor to inspect the condition of the tree protection measures outlined on the plan and within this report each morning. If disturbance is observed, it is to be repaired prior to work commencing on site that day.
8. Tree protection measures are prescribed for work within the TPZ of trees on the subject site and adjacent property. See the Tree Preservation Plan for details.
9. During construction, if any tree roots are exposed or disturbed, care is to be taken to minimize their disturbance. If roots must be removed outside the TPZ, they must be cleanly pruned. Tearing roots hinders wound closure and can increase risk of disease and root rot.

Post-Construction Phase

10. Trees that have undergone injuries are to be monitored for any indications of stress following construction. Stress as a result of the construction may not be apparent for some years following the disturbance and may make the trees more susceptible to other stresses (water stress, insects, disease). If the condition of the trees declines, the most appropriate method to address the issue is to be carried out.
11. It is strongly recommended that injured trees be thoroughly watered once per week, from spring to fall, for two years after completion of the work on the site. Root disturbance diminishes the stored energy reserves of trees, impacts the tree's ability to absorb water and elements, and can increase chance of disease. Watering will help the trees cope with any stress that the work may have caused.

COMPENSATION

12. The County typically requires compensation for tree removals at a ratio of 1:1 for Trees 10-20cm DBH, 2:1 for 20-50cm DBH, and 3:1 for >50cm DBH.
13. The required compensation is calculated below.

Tree Replacement Calculation				
	DBH range	10-<20	20-<50	>=50
	Removals	15	12	2
	Replacement #	19*	24	6
Total # of replacement trees		49		

*Trees 93 and 128 are multi-stem trees proposed for removal, therefore, compensation is 2 trees and 4 trees respectively.

14. Due to space limitations, the client is not able to plant the total # of caliper trees required. Cash in lieu of planting may be provided.
15. For planting details, refer to the landscape plans prepared by Victoria Taylor Landscape Architect.

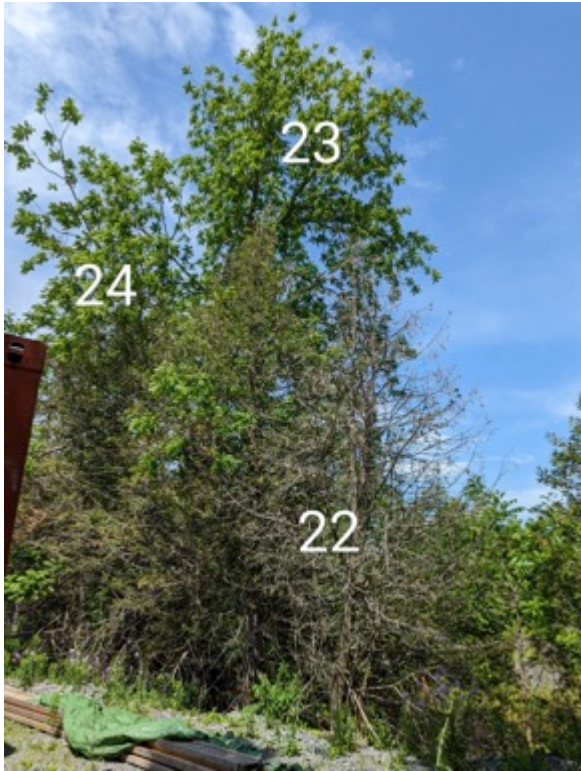
On behalf of Cohen & Master Tree and Shrub Services,

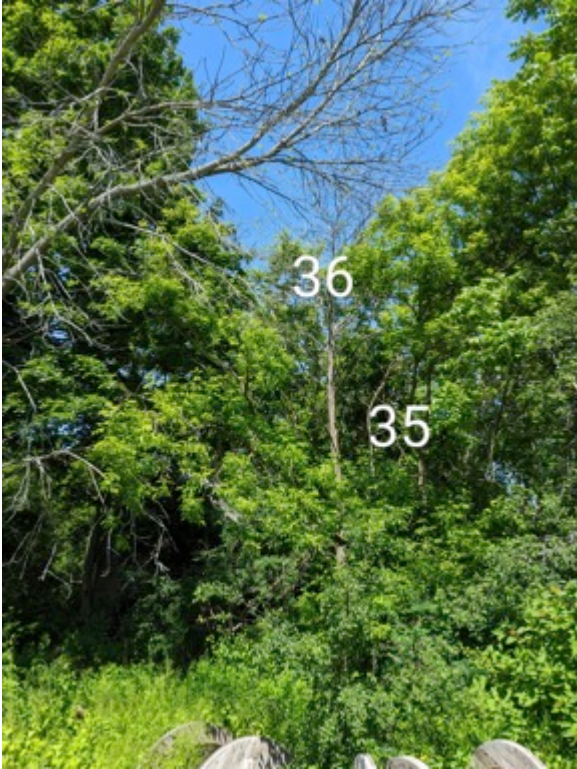
A handwritten signature in cursive script that reads "Jennifer Gagné". The signature is written in dark ink on a light background.

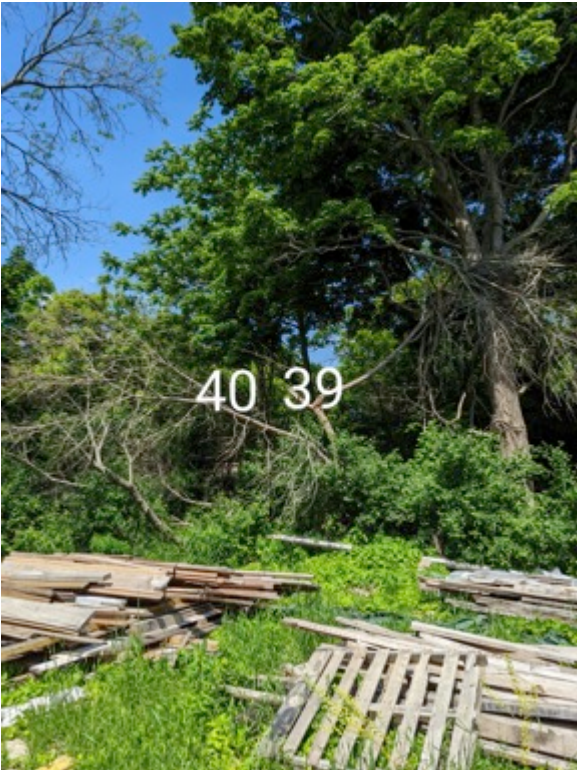
Jennifer Gagné, M.F.C., I.S.A. Certified Arborist ON-1993A

Appendix I – Photographs



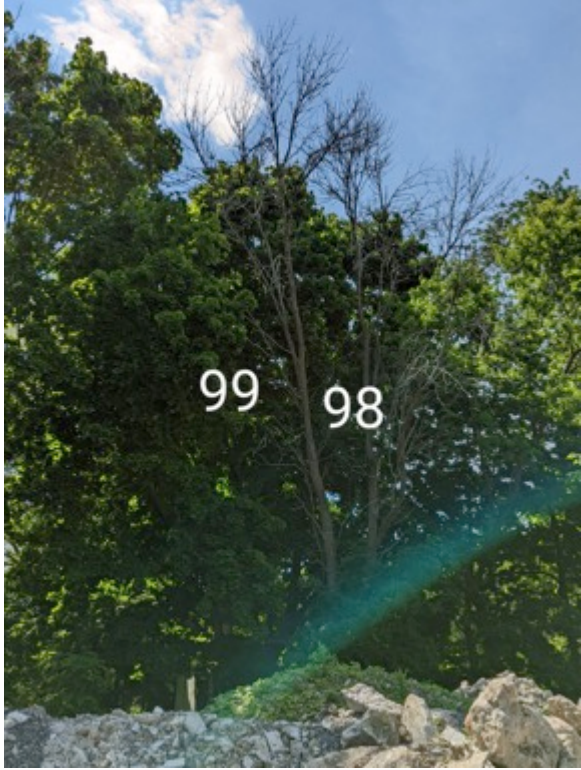
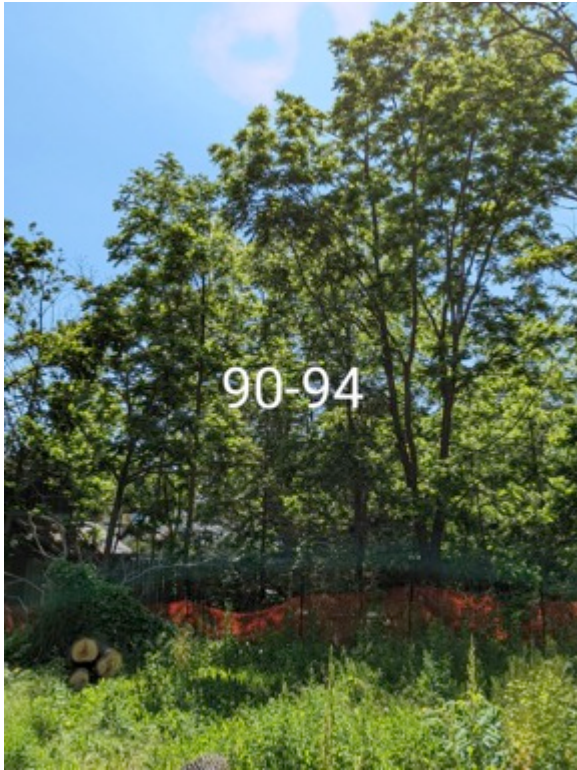
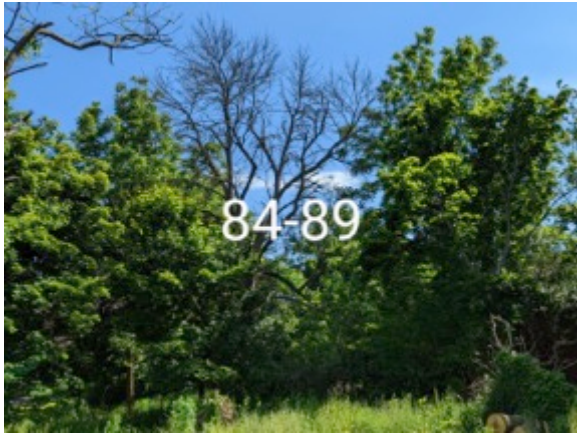


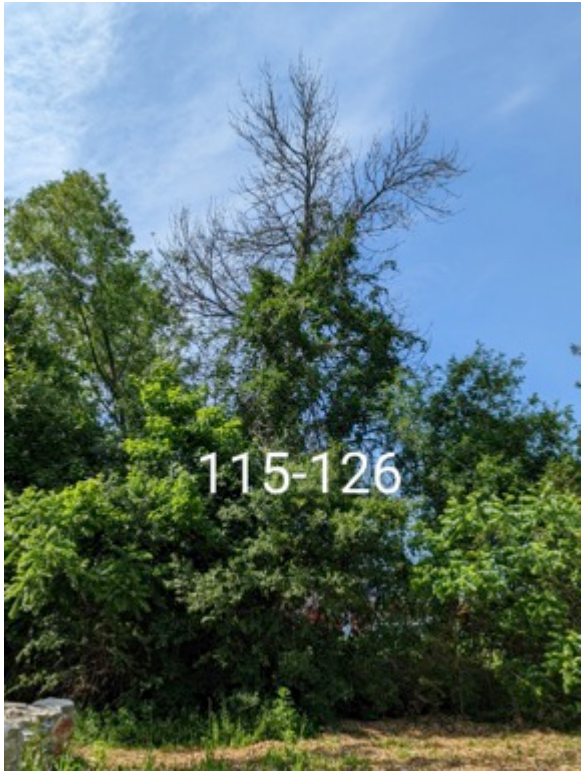
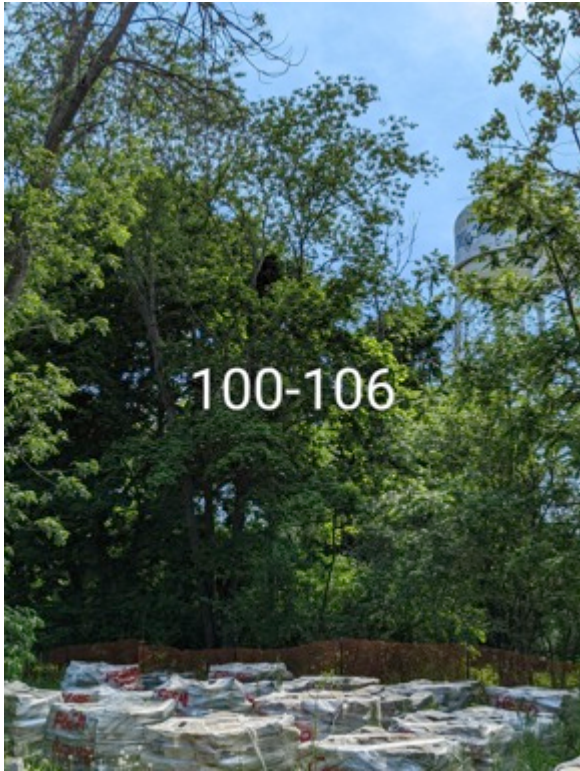


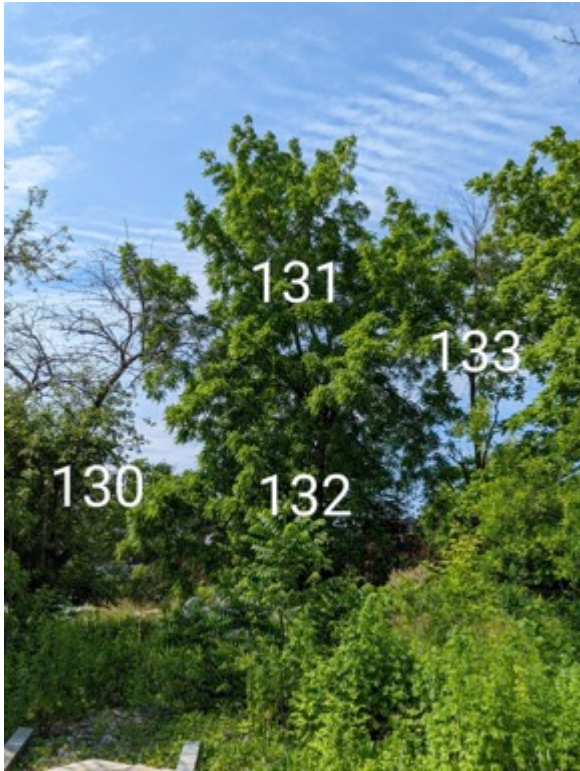












Appendix II – Tree Inventory
attached

Inventory date: April 2022

Chart Details:

Tree #: Inventoried trees were assigned an identification number.

Species: Includes the botanical name and common name of each tree.

DBH: Diameter in cm measured at 1.4 meters from the ground

Overall Rating: Overall rating of good (G), fair (F), poor (P) or dying (D) based on overall health and structure.

Observations: Specific observations from the visual assessment that have informed the condition rating and action.

TPZ: Minimum required tree protection zone radius in meters.

Ownership Category: subject site, adjacent, boundary (shared tree)

Action: Protect, injure or remove recommendations based on the site plans, and other actions to be taken. Shading indicates

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
1	<i>Acer saccharum</i> (sugar maple)	116	P	P	P	7	subject site	Remove due to poor condition	-	
2	<i>Acer platanoides</i> (Norway maple)	15, 10.5, 8.5	G	F	G	1.8	subject site	Remove due to proposed generator	1	\$1,860
3	<i>Acer platanoides</i> (Norway maple)	22.5	F	F	F	1.8	subject site	Protect	-	
4	<i>Acer saccharum</i> (sugar maple)	9.5	F	F	F	1.2	subject site	Protect	-	
5	<i>Carya ovata</i> (shagbark hickory)	39.5	G	G	G	2.4	subject site	Remove due to proposed driveway	2	\$12,790
6	<i>Acer platanoides</i> (Norway maple)	16	P	P	F	1.8	subject site	Protect	-	
7	<i>Acer saccharum</i> (sugar maple)	29.5	G	F	G	1.8	subject site	Protect	-	
8	<i>Abies balsamea</i> (balsam fir)	22	G	G	G	1.8	subject site	Protect	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
9	<i>Picea glauca</i> (white spruce)	33	G	G	G	2.4	subject site	Protect	-	
10	<i>Juglans nigra</i> (black walnut)	15, 15, 14.5	F	F	G	1.8	subject site	Injure due to proposed driveway and fence	-	
11	<i>Acer platanoides</i> (Norway maple)	5 x (5-9cm)	P	P	G	1.2	subject site	Injure due to proposed fence (undersized)	-	
12	<i>Acer platanoides</i> (Norway maple)	9	F	P	G	1.2	subject site	Injure due to proposed driveway and fence (undersized)	-	
13	<i>Aesculus hippocastanum</i> (horsechestnut)	40	F	F	G	2.4	subject site	Remove due to proposed parking	2	\$6,200
14	<i>Acer saccharum</i> (sugar maple)	19.5	F	P	F	1.8	subject site	Remove due to proposed parking	1	\$1,910
15	<i>Populus deltoides</i> (cottonwood)	71	P	P	P	4.8	subject site	Remove due to poor condition	-	
16	<i>Acer saccharum</i> (sugar maple)	9.5	G	G	G	1.2	subject site	Remove due to proposed parking (undersized)	-	
17	<i>Thuja occidentalis</i> (eastern white cedar)	5x (5.5-7cm)	G-F	G-F	G-F	1.2	subject site	Remove (partial) due to proposed driveway (undersized)	-	
18	<i>Juglans nigra</i> (black walnut)	13.5	G	F	G	1.8	subject site	Remove due to garbage storage	1	\$1,170

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
19	<i>Juglans nigra</i> (black walnut)	9	F	F	G	1.2	subject site	Remove due to garbage storage (undersized)	-	
20	<i>Populus deltoides</i> (cottonwood)	39, 33.5	F	F	G	2.4	subject site	Remove due to garbage storage	2	\$8,300
21	<i>Thuja occidentalis</i> (eastern white cedar)	8x (5-10cm)	F	F	F	1.8	subject site	Remove due to garbage storage (undersized)	-	
22	<i>Thuja occidentalis</i> (eastern white cedar)	7x (18-29.5cm)	P	F	P	1.8	subject site	Remove due to poor condition	-	
23	<i>Juglans nigra</i> (black walnut)	70, 21	F	F	F	4.2	subject site	Remove due to proposed parking	3	\$23,700
24	<i>Juglans nigra</i> (black walnut)	21	F	F	G	1.8	subject site	Remove due to proposed parking and retaining wall	2	\$2,590
25	<i>Fraxinus pennsylvanica</i> (green ash)	28	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
26	<i>Juglans nigra</i> (black walnut)	18	F	F	G	1.8	subject site	Remove due to proposed parking and retaining wall	1	\$1,900
27	<i>Juglans nigra</i> (black walnut)	19	F	F	G	1.8	subject site	Remove due to proposed retaining wall	1	\$1,600
28	<i>Acer saccharum</i> (sugar maple)	11	F	F	F	1.8	boundary	Remove due to proposed retaining wall	1	\$610

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
29	<i>Acer saccharum</i> (sugar maple)	9	F	F	F	1.2	boundary	Remove due to proposed retaining wall (undersized)	-	
30	<i>Fraxinus pennsylvanica</i> (green ash)	2x (15-20)	D	P	P	1.8	adjacent	Remove due to poor condition (dying)	-	
31	<i>Acer saccharum</i> (sugar maple)	5-10	F	F	G	1.8	adjacent	Remove due to proposed retaining wall (undersized)	-	
32	<i>Juglans nigra</i> (black walnut)	20-29	F	F	G	1.8	adjacent	Remove due to proposed retaining wall	2	\$3,130
33	<i>Juglans nigra</i> (black walnut)	10-20	F	P	G	1.8	adjacent	Remove due to proposed retaining wall	1	\$1,000
34	<i>Juglans nigra</i> (black walnut)	20-29	F	F	G	1.8	adjacent	Remove due to proposed retaining wall	2	\$3,130
35	<i>Acer negundo</i> (Manitoba maple)	30-40, 7x (10-20)	P	P	P	2.4	adjacent	Injure due to proposed fence	-	
36	<i>Fraxinus pennsylvanica</i> (green ash)	25-35	D	P	P	2.4	adjacent	Remove (dead)	-	
37	<i>Fraxinus pennsylvanica</i> (green ash)	29	P (H)	P	P	1.8	subject site	Remove due to poor condition (hazard)	-	
38	<i>Acer saccharum</i> (sugar maple)	59.5	P	P	F	3.6	subject site	Remove due to proposed parking	3	\$1,300

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
39	<i>Juglans nigra</i> (black walnut)	27	F	F	F	1.8	adjacent	Injure due to proposed parking and fence	-	
40	<i>Juglans nigra</i> (black walnut)	20-29	F-P	F	P	1.8	adjacent	Injure due to proposed fence	-	
41	<i>Acer platanoides</i> (Norway maple)	20-29	G	G	G	1.8	boundary	Injure due to proposed fence	-	
42	<i>Fraxinus pennsylvanica</i> (green ash)	50	D	P	P	3	subject site	Remove due to poor condition (dying)	-	
43	<i>Thuja occidentalis</i> (eastern white cedar)	7x (5-10cm)	P	F	P	1.8	subject site	Remove due to poor condition (undersized)	-	
44	<i>Juglans nigra</i> (black walnut)	8	G	G	G	1.2	subject site	Remove due to proposed parking (undersized)	-	
45	<i>Juglans nigra</i> (black walnut)	21	F	F	G	1.8	subject site	Remove due to proposed parking	2	\$1,960
46	<i>Fraxinus pennsylvanica</i> (green ash)	30,17	P	P	P	1.8	subject site	Remove due to poor condition	-	
47	<i>Fraxinus pennsylvanica</i> (green ash)	35-45	P	P	P	3	subject site	Remove due to poor condition	-	
48	<i>Juglans nigra</i> (black walnut)	16.5, 13	G	F	G	1.8	subject site	Remove due to proposed bike storage	1	\$2,590
49	<i>Juglans nigra</i> (black walnut)	12.5	G	G	G	1.8	subject site	Remove due to proposed bike storage	1	\$920

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
50	<i>Thuja occidentalis</i> (eastern white cedar)	12	F	F	F	1.8	subject site	Remove due to proposed bike storage	1	\$520
51	<i>Carya ovata</i> (shagbark hickory)	17.5	G	F	G	1.8	subject site	Protect	-	
52	<i>Juglans nigra</i> (black walnut)	6.5	F	P	G	1.2	subject site	Protect	-	
53	<i>Thuja occidentalis</i> (eastern white cedar)	8	F	F	F	1.2	subject site	Injure due to proposed garbage storage (undersized)	-	
54	<i>Fraxinus pennsylvanica</i> (green ash)	16.5	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
55	<i>Fraxinus pennsylvanica</i> (green ash)	9	p	P	P	1.2	subject site	Remove due to poor condition (undersized)	-	
56	<i>Thuja occidentalis</i> (eastern white cedar)	24.5	F	F	G	1.8	subject site	Injure due to proposed garbage storage	-	
57	<i>Taxus sp.</i> (yew)	21,11	F	P	G	1.8	subject site	Injure due to proposed walkway	-	
58	<i>Juniperus virginiana</i> (eastern red cedar)	26	P	P	F	1.8	subject site	Remove due to poor condition	-	
59	<i>Fraxinus pennsylvanica</i> (green ash)	16	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
60	<i>Malus sp.</i> (apple)	36, 24	D	P	P	2.4	subject site	Remove due to poor condition (dying)	-	
61	<i>Malus sp.</i> (apple)	28.5, 24.5, 23.5	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
62	<i>Thuja occidentalis</i> (eastern white cedar)	8x (19-37cm)	F	F	F	2.4	subject site	Remove (partial) due to proposed suite	2	\$3,400
63	<i>Fraxinus pennsylvanica</i> (green ash)	7	P	P	P	1.2	subject site	Remove due to poor condition (undersized)	-	
64	<i>Fraxinus pennsylvanica</i> (green ash)	41.5, 36, 36	D	P	P	2.4	subject site	Remove due to poor condition (dying)	-	
65	<i>Quercus rubra</i> (red oak)	17.5	G	F	G	1.8	subject site	Remove due to proposed suite	1	\$2,170
66	<i>Acer negundo</i> (Manitoba maple)	10	P	P	F	1.8	subject site	Protect	-	
67	<i>Acer negundo</i> (Manitoba maple)	9	P	P	F	1.2	subject site	Protect	-	
68	<i>Carya ovata</i> (shagbark hickory)	38	P	P	P	2.4	subject site	Remove due to poor condition	-	
69	<i>Juglans nigra</i> (black walnut)	26	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
70	<i>Juglans nigra</i> (black walnut)	40	D	P	P	2.4	subject site	Remove due to poor condition (dying)	-	
71	<i>Juglans nigra</i> (black walnut)	34	D	P	P	2.4	subject site	Remove due to poor condition (dying)	-	
72	<i>Fraxinus pennsylvanica</i> (green ash)	50	D	P	P	3	subject site	Remove due to poor condition (dying)	-	
73	<i>Fraxinus pennsylvanica</i> (green ash)	8	F	P	G	1.2	subject site	Remove due to proposed suite (undersized)	-	
74	<i>Quercus rubra</i> (red oak)	21	G	G	G	1.8	subject site	Remove due to proposed courtyard	2	\$3,440
75	<i>Abies balsamea</i> (balsam fir)	18	F	G	F	1.8	subject site	Protect	-	
76	<i>Juglans nigra</i> (black walnut)	34.5	F	F	G	2.4	subject site	Injure due to proposed courtyard and fence	-	
77	<i>Picea pungens</i> (Colorado spruce)	30-40	G	G	G	2.4	adjacent	Injure due to proposed fence	-	
78	<i>Pinus strobus</i> (white pine)	53	G	F	G	3.6	adjacent	Injure due to proposed courtyard and fence	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
79	<i>Juglans nigra</i> (black walnut)	11	F	F	G	1.8	subject site	Remove due to proposed walkway	1	\$430
80	<i>Juglans nigra</i> (black walnut)	11.5	G	G	G	1.8	adjacent	Injure due to proposed walkway and fence	-	
81	<i>Thuja occidentalis</i> (eastern white cedar)	6.5, 6	P	F	P	1.2	boundary	Injure due to fence (undersized)	-	
82	<i>Juglans nigra</i> (black walnut)	9.5	G	G	G	1.2	subject site	Injure due to fence (undersized)	-	
83	<i>Acer platanoides</i> (Norway maple)	24.5	G	F	G	1.8	boundary	Injure due to fence	-	
84	<i>Juglans nigra</i> (black walnut)	25-29	G	F	G	1.8	adjacent	Protect	-	
85	<i>Acer platanoides</i> (Norway maple)	8.5	F	F	G	1.2	adjacent	Injure due to fence (undersized)	-	
86	<i>Fraxinus pennsylvanica</i> (green ash)	48.5	D	P	P	3	boundary	Remove due to poor condition (dying)	-	
87	<i>Acer platanoides</i> (Norway maple)	23	F	F	G	1.8	subject site	Injure due to fence	-	
88	<i>Acer platanoides</i> (Norway maple)	17	F	F	F	1.8	subject site	Injure due to fence	-	
89	<i>Juglans nigra</i> (black walnut)	30-40	G	G	G	2.4	adjacent	Injure due to fence	-	
90	<i>Juglans nigra</i> (black walnut)	23.5	F	F	F	1.8	subject site	Injure due to fence	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
91	<i>Juglans nigra</i> (black walnut)	9	G	G	G	1.2	subject site	Remove due to proposed suite (undersized)	-	
92	<i>Juglans nigra</i> (black walnut)	16	F	F	G	1.8	boundary	Injure due to fence	-	
93	<i>Thuja occidentalis</i> (eastern white cedar)	4x (5-13)	F	F	P	1.8	subject site	Remove due to proposed suite	2	\$1,380
94	<i>Juglans nigra</i> (black walnut)	37.5	G	F	G	2.4	boundary	Injure due to proposed suite and fence	-	
95	<i>Juglans nigra</i> (black walnut)	20-25	P	P	G	1.8	boundary	Injure due to fence	-	
96	<i>Acer platanoides</i> (Norway maple)	80-90	P	P	F	5.4	adjacent	Injure due to proposed suites and fence. <u>Recommend owners remove due to hazard</u>	-	
97	<i>Fraxinus pennsylvanica</i> (green ash)	22	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
98	<i>Fraxinus pennsylvanica</i> (green ash)	27, 26, 17, 11	P	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
99	<i>Acer platanoides</i> (Norway maple)	90-100	F	F	G	6	adjacent	Injure due to proposed suite and fence	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
100	<i>Acer platanoides</i> (Norway maple)	22	G	G	G	1.8	subject site	Remove due to proposed suite	2	\$2,430
101	<i>Acer negundo</i> (Manitoba maple)	30.5	P	P	F	2.4	boundary	Remove due to proposed fence	2	\$1,160
102	<i>Prunus serotina</i> (black cherry)	32.5, 26.5, 27.5	F	F	F	2.4	subject site	Injure due to proposed suite and fence	-	
103	<i>Acer platanoides</i> (Norway maple)	16.5	F	F	G	1.8	subject site	Injure due to proposed fence	-	
104	<i>Juglans nigra</i> (black walnut)	7	P	P	P	1.2	adjacent	Injure due to proposed fence (undersized)	-	
105	<i>Fraxinus pennsylvanica</i> (green ash)	30-40	D	P	P	2.4	adjacent	Protect	-	
106	<i>Juglans nigra</i> (black walnut)	6	F	F	F	1.2	boundary	Injure due to fence (undersized)	-	
107	<i>Thuja occidentalis</i> (eastern white cedar)	8	F	F	F	1.2	subject site	Injure due to proposed fence (undersized)	-	
108	<i>Juglans nigra</i> (black walnut)	14.5	G	G	G	1.8	subject site	Injure due to proposed fence	-	
109	<i>Juglans nigra</i> (black walnut)	8	G	G	G	1.2	subject site	Remove due to proposed suite (undersized)	-	
110	<i>Populus deltoides</i> (cottonwood)	19	F	F	F	1.8	subject site	Remove due to proposed suite	1	\$1,130

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
111	<i>Fraxinus pennsylvanica</i> (green ash)	20-29	D	P	P	1.8	subject site	Remove due to poor condition (dying)	-	
112	<i>Populus deltoides</i> (cottonwood)	35-45	D	P	P	3	adjacent	Injure due to proposed fence	-	
113	<i>Populus deltoides</i> (cottonwood)	30-40	F	F	F	2.4	adjacent	Injure due to proposed fence	-	
114	<i>Juglans nigra</i> (black walnut)	24.5	G	G	G	1.8	adjacent	Injure due to proposed fence	-	
115	<i>Thuja occidentalis</i> (eastern white cedar)	9	P	P	F	1.2	subject site	Injure due to proposed fence (undersized)	-	
116	<i>Juglans nigra</i> (black walnut)	5.5	G	F	G	1.2	subject site	Injure due to proposed fence (undersized)	-	
117	<i>Acer saccharum</i> (sugar maple)	11	F	F	F	1.8	subject site	Injure due to proposed fence	-	
118	<i>Acer saccharum</i> (sugar maple)	8	F	F	F	1.2	boundary	Injure due to proposed fence (undersized)	-	
119	<i>Prunus serotina</i> (black cherry)	30-40	P	P	F	2.4	adjacent	Injure due to proposed fence	-	
120	<i>Thuja occidentalis</i> (eastern white cedar)	8	P	P	P	1.2	subject site	Remove due to poor condition (undersized)	-	
121	<i>Populus deltoides</i> (cottonwood)	5x (30-40), 3x (15-25)	P	P	F	2.4	adjacent	Injure due to proposed fence	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
122	<i>Juglans nigra</i> (black walnut)	7	F	F	G	1.2	subject site	Injure due to proposed fence (undersized)	-	
123	<i>Fraxinus pennsylvanica</i> (green ash)	35-45	P	P	P	3	adjacent	Remove due to poor condition	-	
124	<i>Thuja occidentalis</i> (eastern white cedar)	7	P	P	P	1.2	subject site	Injure due to proposed fence (undersized)	-	
125	<i>Juglans nigra</i> (black walnut)	5.5	G	G	G	1.2	subject site	Injure due to proposed fence (undersized)	-	
126	<i>Thuja occidentalis</i> (eastern white cedar)	7, 5, 8	F	F	F	1.2	subject site	Injure due to proposed fence (undersized)	-	
127	<i>Pinus strobus</i> (white pine)	21	F	F	F	1.8	subject site	Remove due to proposed suite	2	\$2,300
128	<i>Thuja occidentalis</i> (eastern white cedar)	4x (10-20)	F	F	F	1.8	subject site	Remove 4 trees due to proposed suite	4	\$870
129	<i>Juglans nigra</i> (black walnut)	7	F	F	G	1.2	boundary	Injure due to proposed fence (undersized)	-	
130	<i>Thuja occidentalis</i> (eastern white cedar)	7	P	P	P	1.2	subject site	Remove due to proposed suite (undersized)	-	
131	<i>Juglans nigra</i> (black walnut)	49	F	F	F	3	subject site	Injure due to proposed suite and fence	-	

Tree #	Species	DBH (cm)	Overall Rating	Structure	Health	TPZ (m)	Ownership	Action	Compensation trees	Appraisal
132	<i>Thuja occidentalis</i> (eastern white cedar)	8, 8, 5.5, 5	F	F	F	1.2	subject site	Injure due to proposed fence (undersized)	-	
133	<i>Fraxinus pennsylvanica</i> (green ash)	34.5	D	P	P	2.4	subject site	Remove due to poor condition (dying)	-	
134	<i>Juglans sp.</i> (butternut hybrid)	101	F	F	F-P	6.06	subject site	Injure due to proposed parking and fence	-	
135	<i>Aesculus hippocastanum</i> (horsechestnut)	31	P	P	P	2.4	subject site	Remove due to poor condition	-	
136	<i>Thuja occidentalis</i> (eastern white cedar)	5x (5-10cm)	F	F	F	1.8	subject site	Injure due to proposed fence	-	
137	<i>Ulmus pumila</i> (Siberian elm)	9x (20-30)	P	P	F	1.8	adjacent	Protect	-	

Total number of trees to replant:

49

Appendix III - Tree Preservation Plan
attached

Appendix IV - LIMITATIONS OF ASSESSMENTS

It is the policy of Cohen and Master Tree and Shrub Services to attach the following clause in regards to limitations. This is to ensure that the client is fully aware of what is technically and professionally realistic in the preservation and assessment of trees in the urban environment.

The assessment of the trees in this report has been done in conjunction with and according to accepted arboriculture methods and techniques. These include an examination of the above ground parts of the tree for structural defects, scars, cracks, the overall condition of the root structures, the severity and direction of lean (if any), the general condition of the trees and the surrounding environment, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, symptoms of infestation and pathogens, discoloured foliage, and the proximity of potential targets should a tree fail. Except where specifically noted, the trees were not cored, probed or climbed and there was no detailed inspection of the root crowns involving excavations, or samples taken to be scientifically tested.

Notwithstanding the recommendations and conclusions presented in this report, it must be acknowledged that trees are living organisms. They are not immune to changes in site conditions, dramatic weather events or seasonal variations in climate. Therefore it should always be recognized that trees are ever evolving and their health and vigour constantly vary over time. While all reasonable efforts have been made to ensure that the subject trees are healthy, no guarantees are offered or implied that these trees or part(s) of any trees will remain intact.

It is professionally and practically impossible to predict with absolute certainty the behaviour of any tree or its component parts under all circumstances and variables. Most trees have the potential for failure under adverse weather conditions and the risk can only be completely eliminated if the tree is removed. Inherently, a standing tree will always pose some level of risk. Although every effort has been made to ensure that this assessment is reasonably accurate, trees should be re-assessed periodically. The assessment presented in this report is valid at the time of inspection.

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