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TREE CONSERVATION REPORT

PROJECT NAME:	1765 Montreal Road
PROJECT NO.	22850-1
LOCATION	1765 Montreal Road, Ottawa ON, K4B 1P6
DATE:	December 20, 2022

Refer to attached drawings and aerials for further details (L-TP1 and L-TP2)

1.0 SITE INFORMATION (AREA TO BE DEVELOPED)

SIZE OF DEVELOPMENT AREA (HECTARES)	NUMBER OF TREES AFFECTED BY DEVELOPMENT	NUMBER OF TREES TO BE REMOVED	NUMBER OF TREES TO BE RETAINED	NUMBER OF TREES TO BE RETAINED AND PROTECTED (OUTSIDE OF PROPERTY LINE)
0.799	129 (on site) 68 (adjacent) 19 (City)	123 (on site) 0 (adjacent) 8 (City)	6 (on site) 68 (adjacent) 11 (City)	68 (adjacent) 11 (City)

2.0 TREE INVENTORY WITHIN PROPERTY LINE

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
1	Apple / <i>Malus spp.</i>	67, 23	Fair
2	Norway Maple / <i>Acer platanoides</i>	19	Good
3	Norway Maple / <i>Acer platanoides</i>	27	Good
4	Norway Maple / <i>Acer platanoides</i>	23	Good



20 DECEMBER 2022
22850-1
1765 Montreal Road

12	White Spruce / <i>Picea glauca</i>	30	Good
13	White Spruce / <i>Picea glauca</i>	15-35	Fair – Good, 37 Trees
17	Butternut / <i>Juglans cinerea</i>	17	Poor
18	Apple / <i>Malus spp.</i>	15, 14	Poor, Black rot present
19	Norway Maple / <i>Acer platanoides</i>	39	Good
20	Norway Maple / <i>Acer platanoides</i>	29	Good
23	Norway Maple / <i>Acer platanoides</i>	12, 10, 8	Poor
25	Eastern White Cedar / <i>Thuja occidentalis</i>	15-25	Fair-Good, Hedge, 44 Trees
26	White Spruce / <i>Picea glauca</i>	15	Good
27	Hackberry / <i>Celtis occidentalis</i>	18	Good
28	White Spruce / <i>Picea glauca</i>	38	Good
29	Eastern White Cedar / <i>Thuja occidentalis</i>	17	Good
30	White Spruce / <i>Picea glauca</i>	13	Fair
31	White Spruce / <i>Picea glauca</i>	22	Fair
32	White Spruce / <i>Picea glauca</i>	21	Good
33	White Spruce / <i>Picea glauca</i>	18	Good
34	White Spruce / <i>Picea glauca</i>	36	Good
35	Siberian Elm / <i>Ulmus pumila</i>	51, 26	Good
36	Manitoba Maple / <i>Acer negundo</i>	33	Poor
37	Eastern White Cedar / <i>Thuja occidentalis</i>	20-23	Good, 3 Trees
38	Balsam Fir / <i>Abies balsamea</i>	35	Good
40	Manitoba Maple / <i>Acer negundo</i>	49	Poor, Heavy Lean



20 DECEMBER 2022
22850-1
1765 Montreal Road

41	Norway Maple / <i>Acer platanoides</i>	38	Good
44	Manitoba Maple / <i>Acer negundo</i>	52, 29	Poor
45	Silver Maple / <i>Acer saccharinum</i>	55, 46	Fair
48	American Elm / <i>Ulmus americana</i>	23	Fair
49	Manitoba Maple / <i>Acer negundo</i>	30	Poor
51	Eastern White Cedar / <i>Thuja occidentalis</i>	10-16	Fair, 4 Trees
58	Siberian Elm / <i>Ulmus pumila</i>	91	Fair, 3 stems joined at 1.6m
59	Colorado Blue Spruce / <i>Picea pungens</i>	33	Fair
60	Colorado Blue Spruce / <i>Picea pungens</i>	28	Poor
61	Northern Catalpa / <i>Catalpa speciosa</i>	62	Poor
62	Northern Catalpa / <i>Catalpa speciosa</i>	49, 35, 29	Poor
63	Colorado Blue Spruce / <i>Picea pungens</i>	40	Fair
64	Siberian Elm / <i>Ulmus pumila</i>	20, 19, 18	Fair
65	White Spruce / <i>Picea glauca</i>	44	Good
66	White Spruce / <i>Picea glauca</i>	42	Good
69	Norway Maple / <i>Acer platanoides</i>	23	Fair
71	Siberian Elm / <i>Ulmus pumila</i>	22	Fair
72	Silver Maple / <i>Acer saccharinum</i>	68, 31	Fair
73	Red Oak / <i>Quecus rubra</i>	25, 22	Fair

3.0 TREE INVENTORY OF ADJACENT PROPERTY



TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
5	Norway Spruce / <i>Picea abies</i>	18	Good
39	Eastern White Cedar / <i>Thuja occidentalis</i>	15-25	Fair-Good, Hedge, 39 Trees
42	American Elm / <i>Ulmus americana</i>	23	Fair
43	Eastern White Cedar / <i>Thuja occidentalis</i>	16-23	Fair-Good, 5 Trees
46	European White Poplar/ <i>Populus alba</i>	26, 26	Poor
47	Eastern White Cedar / <i>Thuja occidentalis</i>	15-25	Fair-Good, Hedge, 17 Trees
67	Norway Maple / <i>Acer platanoides</i>	28	Fair
68	Norway Maple / <i>Acer platanoides</i>	18	Fair
70	Siberian Elm / <i>Ulmus pumila</i>	16	Poor
74	Manitoba Maple / <i>Acer negundo</i>	25	Poor

4.0 TREE INVENTORY OF CITY PROPERTY

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
6	Eastern White Cedar / <i>Thuja occidentalis</i>	25	Poor, woodpecker damage
7	Eastern White Cedar / <i>Thuja occidentalis</i>	24	Poor, woodpecker damage
8	Eastern White Cedar / <i>Thuja occidentalis</i>	17	Poor, woodpecker damage
9	Eastern White Cedar / <i>Thuja occidentalis</i>	14	Poor, woodpecker damage
10	Eastern White Cedar / <i>Thuja occidentalis</i>	15	Poor, woodpecker damage



20 DECEMBER 2022
22850-1
1765 Montreal Road

11	Eastern White Cedar / <i>Thuja occidentalis</i>	15	Poor, woodpecker damage
14	Norway Maple / <i>Acer platanoides</i>	23	Fair
15	White Pine / <i>Pinus strobus</i>	21	Good
16	White Pine / <i>Pinus strobus</i>	23	Good
21	Manitoba Maple / <i>Acer negundo</i>	17	Poor
22	Manitoba Maple / <i>Acer negundo</i>	21	Poor
24	Manitoba Maple / <i>Acer negundo</i>	14	Poor
50	Manitoba Maple / <i>Acer negundo</i>	36, 34	Poor
52	Manitoba Maple / <i>Acer negundo</i>	100	Poor
53	Siberian Elm / <i>Ulmus pumila</i>	51, 26	Fair, 2 Stems joined at base
54	Siberian Elm / <i>Ulmus pumila</i>	42, 28	Fair
55	Siberian Elm / <i>Ulmus pumila</i>	24, 14	Fair
56	Siberian Elm / <i>Ulmus pumila</i>	18	Good
57	Siberian Elm / <i>Ulmus pumila</i>	13	Good

5.0 ENVIRONMENTAL VALUE AND ECOLOGICAL FUNCTION

TREE NO.	VALUE SCALE 1-10 (1 POOR-10 HEALTHY)	WOODLOT SIGNIFICANCE	SIGNIFICANCE AS A PART OF A GREENSPACE LINKAGE	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)	DISTINCT TREES WITHIN PROPERTY BOUNDARY
1-74	8 - Relatively Healthy	None	None	Fair	Y



6.0 TREE REMOVAL RATIONALE

TREE NO.	RATIONALE <i>(Describe rationale for tree removal, how it will effect existing systems, surrounding landscape, etc.)</i>
1-3, 6,12-13, 17-20, 23-24, 27, 28- 38, 40- 41, 44- 45, 48- 49, 51 - 66	Tree locations conflict with, proposed grading, retaining walls, building footings, mechanical & electrical servicing.

7.0 TREE RETENTION RATIONALE AND MITIGATION MEASURES

TREE NO.	RATIONALE AND MITIGATION DESCRIPTION <i>(Describe rational for tree retention, impact of development for remaining trees, grade changes, drainage pattern changes, effects of impervious surfaces and new buildings, changes to the water table, long-term survival promotion, etc.)</i>
4,5,7- 11, 14- 16, 21- 22, 25- 26, 39 42-43, 46-47, 50, 67- 74	Trees exist on adjacent and City property near the property lines. Trees to be protected by tree preservation fencing to City standards.

8.0 TREE PROTECTION MEASURES



	RATIONALE AND MITIGATION DESCRIPTION (<i>Describe rationale for tree retention, impact of development for remaining trees, grade changes, drainage pattern changes, effects of impervious surfaces and new buildings, changes to the water table, long-term survival promotion, etc.</i>)
1	Erect a fence at the critical root zone*(CRZ) of all trees to be protected shown on the attached plans L-TP1 and L-TP2.
2	Do not place any material or equipment within the CRZ of the tree.
3	Do not attach any signs, notices, or posters to any tree.
4	Do not raise or lower the existing grade within the CRZ of a tree without direction and approval of the landscape architect. Landscape Architect to provide specification of grade changes.
5	Do not damage the root system, trunk or branches of any tree.
6	Ensure that exhaust fumes from all equipment are NOT directed towards the canopy of any tree.

* D = diameter of trunk in centimeters
D x 10cm = Critical Root Zone

The critical root zone is established as being 10 centimetres from the trunk of a tree for every centimetre of trunk diameter. The trunk diameter is measured at a height of 1.2 metres for trees of 15 centimetres diameter and greater and at a height of 0.3 metres for trees of less than 15 centimetres diameter.

9.0 SUGGESTED TREES FOR LANDSCAPE PLAN

NO. OF PROPOSED TREES	SUGGESTED TREE SPECIES	PERCENT OF TREE OFFSET TO THE SITE (%)
29	Red Maple, Serviceberry, Catalpa, Yellowwood, Mountain Ash, Basswood	22%

10.0 ADDITIONAL INFORMATION

OWNER NAME	Landric Montreal Road Property Inc.
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20 DECEMBER 2022
22850-1
1765 Montreal Road

ADDRESS	63 Chemin de Montréal E, Gatineau, Qc. J8M 1K3
TEL. NO.	819-593-4805

APPLICANT NAME	Lashley + Associates Corporation
ADDRESS	950 Gladstone Avenue, Ottawa, Ontario, K1Y 3E6
TEL. NO.	613-233-8579

PROFESSIONAL NAME	Ryan Paliga, Landscape Architect + Arborist (ON-1664A)
ADDRESS	950 Gladstone Avenue, Ottawa, Ontario, K1Y 3E6
TEL. NO.	613-233-8579

CONTRACTOR NAME	TBA
ADDRESS	TBA
TEL. NO.	TBA

MUNICIPAL ADDRESS	1765 Montreal Road, Ottawa ON, K4B 1P6
LEGAL DESCRIPTION (LOT, BLOCK, PLAN)	Lots 24 and 25 Registered Plan 462, City of Ottawa



20 DECEMBER 2022
22850-1
1765 Montreal Road

CONFIRMATION OF EXISTING OFFICIAL PLAN	Suburban Area
CONFIRMATION OF ZONING DESIGNATIONS	Residential First Density (R1AA)
PREVIOUS STATUS OF APPLICATION	N/A
PURPOSE OF REPORT	To describe the existing tree coverage on the property and to identify the trees to be removed or protected for the construction of the new buildings and associated site works.
11.0 SCHEDULE OF PROPOSED WORKS	
START DATE	N/A
SUBSTANTIAL COMPLETION	N/A