LASHLEY
+ASSOCIATES
LANDSCAPE ARCHITECTURE
AND SITE ENGINEERING

202 950 GLADSTONE AVENUE
OTTAWA, ON K1Y 3E6

T 613 233 8579
F 613 233 4051

W LashleyLA.com
E Mail@LashleyLA.com

TREE CONSERVATION REPORT

PROJECT NAME:	98 + 100 Bearbrook Road
PROJECT NO.	21813-1
LOCATION	98 + 100 Bearbrook Road, Ottawa ON, K1B 3B9
DATE:	March 18, 2022 **(Revised November 15, 2023 & coordinated with Dendron Report)**

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 ON SITE	NUMBER OF TREES TO BE REMOVED	NUMBER OF TREES TO BE RETAINED	NUMBER OF TREES TO BE RETAINED AND PROTECTED *(OUTSIDE OF PROPERTY LINE)*
0.4	31 Trees on site 5 Trees on City property 17 Trees on adjacent property	31 Trees on site 5 Trees on City property 5 Trees on adjacent property	0 Trees on site	13 Trees on adjacent property

2.0 TREE INVENTORY WITHIN PROPERTY LINE

TREE NO.	TREE SPECIES	SIZE *(DBH)*	CONDITION AND HEALTH *(GOOD, FAIR, POOR, OR DEAD)*
5	Eastern White Cedar / *Thuja occidentalis*	19	Good
6	Eastern White Cedar / *Thuja occidentalis*	20	Good
7	Eastern White Cedar / *Thuja occidentalis*	8-14	Good (hedge)
8	Silver Maple / *Acer saccharinum*	15, 15, 20, 26,	Fair

		32	
9	Silver Maple / *Acer saccharinum*	10, 13, 13, 15	Fair
10	Eastern Cottonwood / *Populus deltoides*	43, 45	Good
11	Eastern White Cedar / *Thuja occidentalis*	35	Good
12	Eastern Cottonwood / *Populus deltoides*	64	Good
13	Eastern Cottonwood / *Populus deltoides*	53	Good
14	Eastern Cottonwood / *Populus deltoides*	50	Good
15	Crack Willow / *Salix fragilis*	23	Good
16	Eastern Cottonwood / *Populus deltoides*	55	Good
17	Eastern White Cedar / *Thuja occidentalis*	10-18	Fair-Good (hedge)
18	Trembling Aspen / *Populus tremuloides*	33	Good
19	Trembling Aspen / *Populus tremuloides*	33	Good
20	Trembling Aspen / *Populus tremuloides*	44	Good
21	Trembling Aspen / *Populus tremuloides*	35	Good
22	Colorado Blue Spruce / *Picea pungens*	17	Good
24	Trembling Aspen / *Populus tremuloides*	28	Good
25	Colorado Blue Spruce / *Picea pungens*	18	Good
26	Trembling Aspen / *Populus tremuloides*	36	Good
27	Colorado Blue Spruce / *Picea pungens*	19	Good
29	Trembling Aspen / *Populus tremuloides*	17	Good
30	Colorado Blue Spruce / *Picea pungens*	22	Good
31	Colorado Blue Spruce / *Picea pungens*	32	Good

32	Colorado Blue Spruce / *Picea pungens*	18	Good
34	Colorado Blue Spruce / *Picea pungens*	22	Good
35	Colorado Blue Spruce / *Picea pungens*	28	Good
36	Colorado Blue Spruce / *Picea pungens*	25	Good
39	Manitoba Maple / *Acer negundo*	39	Poor
48	Eastern White Cedar / *Thuja occidentalis*	15-30	Fair – Good (38 stems in hedgerow)

3.0 TREE INVENTORY OF CITY PROPERTY

TREE NO.	TREE SPECIES	SIZE *(DBH)*	CONDITION AND HEALTH *(GOOD, FAIR, POOR, OR DEAD)*
1	Basswood / *Tilia americana*	46	Good
2	Apple/ *Malus spp.*	33	Poor
3	Apple/ *Malus spp.*	22	Poor
4	Apple/ *Malus spp.*	14 /15	Poor
47	Eastern White Cedar/ *Thuja occidentalis*	8-14	Poor – Fair (Hedge)

4.0 TREE INVENTORY OF ADJACENT PRIVATE PROPERTY

TREE NO.	TREE SPECIES	SIZE *(DBH)*	CONDITION AND HEALTH *(GOOD, FAIR, POOR, OR DEAD)*
18A	Trembling Aspen / *Populus tremuloides*	35	Good
23	Silver maple / *Acer saccharinum*	20,30	Good
28	Red maple / *Acer rubrum*	28	Good

33	Red maple / *Acer rubrum*	45	Good
37	Red maple / *Acer rubrum*	55,55	Good
38	Red maple / *Acer rubrum*	35	Good
40	Manitoba Maple / *Acer negundo*	52	Fair (Identified as #1 in Dendron Report)
41	Manitoba Maple / *Acer negundo*	20	Poor
42	Red maple / *Acer rubrum*	20	Good
43	Apple / *Malus spp.*	22,20,18	Poor
44	Manitoba Maple / *Acer negundo*	33	Fair
45	European Buckthorn / *Rhamnus cathartica*	10-15	Fair (hedge)
46	Red maple / *Acer rubrum*	16	Fair
49	Norway Maple / *Acer platanoides*	30	Poor
50	Norway Maple / *Acer platanoides*	30	Fair
51	Austrian Pine / *Pinus nigra*	20-28	Good (grouping of 4)
52	Norway Maple / *Acer platanoides*	40	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
5-10, 11, 13-22,	8 – Relatively Healthy	None	None	Good	Y

6.0 TREE REMOVAL RATIONALE	
TREE NO.	RATIONALE *(Describe rationale for tree removal, how it will effect existing systems, surrounding landscape, etc.)*
1-39, 47, 48	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 *(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.)*
18A, 40-46, 49-52	Trees exist on adjacent property near the property lines. Trees to be protected by tree preservation fencing to City standards.

8.0 TREE PROTECTION MEASURES	
TREE NO.	RATIONALE AND MITIGATION DESCRIPTION *(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.)*
1	Erect a fence at the critical root zone*(CRZ) of all trees to be protected shown on the attached plans 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 (%)
5 On private property	• Red Maple / *Acer rubrum* • Hackberry / *Celtis occidentalis* • Burr Oak / *Quercus macrocarpa*	12% (73% total incl both private & adjacent property)
25 On adjacent property	• Sugar Maple / *Acer saccharum* • Freeman's Maple / *Acer x freemanii* • Basswood / *Tilia americana* • Japanese Tree Lilac / *Syringa reticulata* • Autumn Gold Maidenhair Tree / *Gingko biloba* 'Autumn Gold' • Homestead Elm / *Ulmus x* 'Homestead' • Thornless Hawthorn / *Crataegus crus-galli*	61% (73% total incl both private & adjacent property)

10.0 ADDITIONAL INFORMATION

OWNER NAME	Landric Bearbrook Property Inc.

ADDRESS	63 Chemin de Montréal E, Gatineau, Qc. J8M 1K3
TEL. NO.	613-794-5560

PROFESSIONAL NAME	Lashley & Associates Landscape Architecture & Site Engineering
ADDRESS	Suite 202, 950 Gladstone Avenue, Ottawa ON K1Y 3E6
TEL. NO.	613-233-8579

CONTRACTOR NAME	TBD
ADDRESS	TBD
TEL. NO.	TBD

MUNICIPAL ADDRESS	98 Bearbrook Road, Ottawa, Ontario 100 Bearbrook Road, Ottawa, Ontario
LEGAL DESCRIPTION *(LOT, BLOCK, PLAN)*	Lot 14, Part 1, Plan 5R-1738, PIN 04746-0637 Lot 14, Part 2, Plan 5R-1738, PIN 04746-0638

CONFIRMATION OF EXISTING OFFICIAL PLAN	General Urban Area
CONFIRMATION OF ZONING DESIGNATIONS	Arterial Main Street (AM11)
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 a new building and associated site works. To identify new trees to be planted on the subject and adjacent sites.

11.0 SCHEDULE OF PROPOSED WORKS	
START DATE	TBD
SUBSTANTIAL COMPLETION	TBD

Submitted by:

Ryan Paliga
MLA, OALA, ISA
Landscape Architect + Arborist (ON–1664A)