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TREE CONSERVATION REPORT

PROJECT NAME:	Hillside Commons
PROJECT NO.	21825-1
LOCATION	3277 St. Joseph Boulevard Road, Ottawa ON, K1W 1A7
DATE:	May 17, 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 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)
0.49	17 Trees on site 3 Trees on City property 4 Trees on adjacent property	17 Trees on site 2 Trees on City property 0 Trees on adjacent property	0 Trees on site	1 Tree on City property 4 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)
3	Crack Willow / <i>Salix fragilis</i>	12, 13, 15, 19, 21, 24	Good
4	Black Walnut / <i>Juglans nigra</i>	12	Fair, some bark damage
5	Austrian Pine / <i>Pinus nigra</i>	36	Good
6	Austrian Pine / <i>Pinus nigra</i>	22	Fair, poor pruning



7	Austrian Pine / <i>Pinus nigra</i>	25	Good
8	Trembling Aspen / <i>Populus tremuloides</i>	38	Good
9	Trembling Aspen / <i>Populus tremuloides</i>	51	Good
10	Manitoba Maple / <i>Acer negundo</i>	40	Poor, broken stem and branch dieback
11	Manitoba Maple / <i>Acer negundo</i>	18, 20	Good
12	American Elm / <i>Ulmus americana</i>	18	Good
13	American Elm / <i>Ulmus americana</i>	14	Good
14	American Elm / <i>Ulmus americana</i>	10.5	Good
16	Basswood / <i>Tilia americana</i>	20, 24, 33	Good
18	White Spruce / <i>Picea glauca</i>	24	Good
19	Trembling Aspen / <i>Populus tremuloides</i>	17, 19, 23	Good
20	Manitoba Maple / <i>Acer negundo</i>	13	Good
21	Trembling Aspen / <i>Populus tremuloides</i>	29	Good

3.0 TREE INVENTORY OF CITY PROPERTY

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
6	Austrian Pine / <i>Pinus nigra</i>	22	Fair, poor pruning
15	Manitoba Maple / <i>Acer negundo</i>	19, 21	Good
17	Scots Pine / <i>Pinus sylvestris</i>	29	Fair, tangled with hydro lines

4.0 TREE INVENTORY OF ADJACENT PRIVATE PROPERTY



TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
1	Red Maple / <i>Acer rubrum</i>	13	Good
2	Red Maple / <i>Acer rubrum</i>	13	Good
22	White Spruce / <i>Picea glauca</i>	21	Fair
23	Trembling Aspen / <i>Populus alba</i>	19	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
1-23	6 – Regenerating from disturbance	None	None	Fair	Non

6.0 TREE REMOVAL RATIONALE

TREE NO.	RATIONALE (Describe rationale for tree removal, how it will effect existing systems, surrounding landscape, etc.)
3-16, 18-21	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>)
1, 2,17, 22, 23	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

	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>)
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 (%)
17	<ul style="list-style-type: none"> • Red Maple / <i>Acer rubrum</i> • Burr Oak / <i>Quercus macrocarpa</i> • Serviceberry / <i>Amelanchier canadensis</i> • Purple gem Crabapple / <i>Malus 'Purple Gem'</i> 	89%

10.0 ADDITIONAL INFORMATION

OWNER NAME	Landric Homes
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	3277 St. Joseph Boulevard, Ottawa, Ontario
LEGAL DESCRIPTION	Part 6, Plan 4R-21940, PIN 14508-0387 Part 8, Plan 4R-21940, PIN 14508-0387



(LOT, BLOCK, PLAN)	Part 9, Plan 4R-21940, PIN 14508-0387 Part 10, Plan 4R-21940, PIN 14508-0387 Part 11, Plan 4R-21940, PIN 14508-0387
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CONFIRMATION OF EXISTING OFFICIAL PLAN	General Urban Area
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CONFIRMATION OF ZONING DESIGNATIONS	Residential, 5th density (R5Z)
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PREVIOUS STATUS OF APPLICATION	N/A
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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 site.
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11.0 SCHEDULE OF PROPOSED WORKS

START DATE	TBD
SUBSTANTIAL COMPLETION	TBD

Submitted by:



17 MAY 2022
21823-1
Hillside Commons



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