



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:	275 Carling Ave Retirement
PROJECT NO.	17691-1
LOCATION	275 Carling Ave, Ottawa, ON
DATE:	May 2018

Refer to attached drawings and aerials for further details (TP-01 and TP-02)

SIZE OF DEVELOPMENT AREA (HECTARES)	NUMBER OF TREES ON SITE	NUMBER OF TREES TO BE REMOVED	NUMBER OF TREES TO BE RETAINED AND PROTECTED
2.793	7 (WITHIN PROPERTY BOUNDARY) 15 (WITHIN CITY PROPERTY)	7 (WITHIN PROPERTY BOUNDARY) 15 (WITHIN CITY PROPERTY)	0

2.0 TREE INVENTORY WITHIN PROPERTY LINE

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION (GOOD, FAIR, POOR, OR DEAD)	NOTES
1	Hackberry/ <i>Celtis occidentalis</i>	9 cm	Good	
2	Hackberry/ <i>Celtis occidentalis</i>	10cm	Good	
3	Crimson King Norway Maple/ <i>Acer platanoides 'Crimson King'</i>	20cm	Fair	Wound in trunk and bowl



4	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	20cm	Fair	Wound in trunk
5	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	23cm	Fair	Wound in trunk
6	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	25cm	Fair	Girdling roots
7	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	28cm	Good	
8	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	23cm	Fair	
9	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	26cm	Fair	
10	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	19cm	Fair	
11	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	21cm	Poor	Structural defects, interior rot, spalling bark
12	Crimson King Norway Maple/ <i>Acer platanoides</i> 'Crimson King'	22cm	Poor	Structural defects, interior rot, spalling bark
13	Siberian Elm/ <i>Ulmus pumila</i>	9; 10cm	Fair	2 stems joined at 15cm ht.
14	Manitoba Maple/ <i>Acer negundo</i>	18; 18; 21cm	Fair	Multi-stem, epicormic growth, dieback
15	Manitoba maple/ <i>Acer negundo</i>	19cm	Fair	Dieback



16	Manitoba Maple/ <i>Acer negundo</i>	11; 14; 15; 17cm	Fair	Multi-stem, epicormic growth, dieback
17	Manitoba Maple/ <i>Acer negundo</i>	13; 21cm	Fair	Multi-stem, epicormic growth, dieback
18	Manitoba Maple/ <i>Acer negundo</i>	10; 15cm	Fair	Multi-stem, epicormic growth, dieback
19	Manitoba Maple/ <i>Acer negundo</i>	12; 15 cm	Fair	Multi-stem, epicormic growth, dieback
20	Manitoba Maple/ <i>Acer negundo</i>	13 cm	Fair	Epicormic growth, dieback
21	Manitoba Maple/ <i>Acer negundo</i>	13; 18cm	Fair	Multi-stem, epicormic growth, dieback
22	Manitoba Maple/ <i>Acer negundo</i>	16, 17cm	Fair	Multi-stem, epicormic growth, dieback

3.0 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 OR RARE TREES WITHIN PROPERTY BOUNDARY
1-22	5	The trees located within property do not form, or are apart of, a woodlot of significance, as evaluated in the Urban Natural Areas Environmental Evaluation Study (UNAEES).	The trees located within the property do not form part of a greenspace linkage, as evaluated in the Greenspace Master Plan.	3 Good 17 Fair 2 Poor 0 Dead	



4.0 TREE REMOVAL RATIONALE

TREE NO.	RATIONALE (Describe rationale for tree removal, how it will effect existing systems, surrounding landscape, etc.)
1-22	The trees on property listed and noted on TP-01 must be removed. The trees are either in poor health or in direct conflict with the new building and/or new landscaping, or will be harmed in the process due to construction access and work.

5.0 TREE PROTECTION MEASURES

Measure NO.	Tree Protection Measures
1	Do not place any material or equipment within the CRZ of the tree.
2	Do not attach any signs, notices, or posters to any tree.
3	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.
4	Do not damage the root system, trunk or branches of any tree.
5	Ensure that exhaust fumes from all equipment are NOT directed towards the canopy of any tree.

Definition of CRZ:

- * D = diameter of trunk in centimeters
- D x 10cm = Critical Root Zone (CRZ)

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

6.0 SUGGESTED TREES FOR LANDSCAPE PLAN



NO. OF PROPOSED TREES	SUGGESTED TREE SPECIES	PERCENT OF TREE OFFSET TO THE SITE (%)
11	<i>Celtis occidentalis</i> <i>Gleditsia triacanthos 'Shademaster'</i> <i>Ostrya virginiana</i> (See TP-02 for locations)	50%

7.0 ADDITIONAL INFORMATION

OWNER/ APPLICANT NAME	265 Carling Avenue Limited
ADDRESS	275 Carling Ave, Ottawa, On
TEL. NO.	

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
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MUNICIPAL ADDRESSES	275 Carling Ave, Ottawa, ON
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LEGAL DESCRIPTIONS (LOT, BLOCK, PLAN)	Lots 11 & 12 PT Lots 9, 10 Registered Plan 54, City of Ottawa, Ontario.
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CONFIRMATION OF EXISTING OFFICIAL PLAN	
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CONFIRMATION OF ZONING DESIGNATIONS	
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PREVIOUS STATUS OF APPLICATION	
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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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8.0 SCHEDULE OF PROPOSED WORKS

START DATE	TBD
SUBSTANTIAL COMPLETION	TBD

28 MAY 2018
275 Carling Ave



Submitted by:



Ryan Paliga

MLA, OALA, ISA

Landscape Architect + Arborist (ON – 1664A)