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## TREE CONSERVATION REPORT

PROJECT NAME:	Mutchmor Public School Addition
PROJECT NO.	12524-1
LOCATION	186 Fifth Avenue Ottawa, ON K1S 2N1
DATE:	February 15 2013

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
.515	6 (WITHIN PROPERTY BOUNDARY)	2 (WITHIN PROPERTY BOUNDARY)	4 (WITHIN PROPERTY BOUNDARY)
	26 (ADJACENT PROPERTY & CITY ROW)	5 (WITHIN CITY ROW)	21 (ADJACENT PROPERTY & CITY ROW)

### 2.0 TREE INVENTORY WITHIN PROPERTY LINE

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
23	Ash	35cm	Good
24	Ash	20cm	Fair
25	Ash	35cm	Good
26	Scots Pine	30cm	Fair
30	Maple	25cm	Good



31	Maple	25cm	Fair
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3.0 TREE INVENTORY OF ADJACENT PROPERTY

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
1	Maple	70cm	Good
2	Ash	30cm	Good
3	Ash	40cm	Good
4	Ash	50cm	Good
5	Manitoba Maple	25cm	Good
6	Manitoba Maple	20cm	Good
7	Elm	30cm	Good
8	Ash	25cm	Good
9	Manitoba Maple	20cm	Good
10	Manitoba Maple	15cm	Good
11	Elm	30cm	Good
12	Elm	15cm	Good
13	Elm	40cm	Good
14	Basswood	20cm	Good
15	Basswood	30cm	Good
16	Norway Maple	15cm	Good
17	Elm	20cm	Good



18	Linden	25cm	Fair
19	Linden	30cm	Good
20	Linden	25cm	Good
21	Linden	25cm	Good
22	Linden	25cm	Good
27	Thornless Common Honey Locust	25cm	Fair
28	Silver Maple	85cm	Good
29	Maple	20cm	Good
32	Lilac	25cm	Good

#### 4.0 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
1-32	7	All trees located within and adjacent to the property line are residential trees and are not significant to woodlots	All trees located within and adjacent to the property line are not a part of a green space linkage	Good-Fair	1. Maple 4. Ash 28. Silver Maple



## 5.0 TREE REMOVAL RATIONALE

TREE NO.	RATIONALE <i>(Describe rationale for tree removal, how it will effect existing systems, surrounding landscape, etc.)</i>
18	The removal of this tree is not required for construction access, however it is planted to close to a more desirable Elm. Removing it will allow the adjacent Elm to properly mature.
19	The removal of this tree is required for construction access, and is not considered to be of significant landscape value.
20	The removal of this tree is required for construction access, and is not considered to be of significant landscape value.
21	The removal of this tree is required for construction access, and is not considered to be of significant landscape value.
22	The removal of this tree is required for construction access, and is not considered to be of significant landscape value.
23	The removal of this tree is recommended due to its close proximity to the new construction, and the high risk of the tree being infectedd by the Emerald Ash Borer in the future.
24	The removal of this tree is recommended due to its close proximity to the new construction, the fact that the leader has been pruned several times, and the high risk of the tree being infected by the Emerald Ash Borer in the future.

## 6.0 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>
1-17 & 25-32	The remaining trees both on-site and on adjacent property will be retained to provided privacy to neighbors, and create shade for the site. Existing trees will be protected during construction, and the completed addition will not have a significant impact their ability to grow and remain healthy.



## 7.0 TREE PROTECTION MEASURES

Measure NO.	Tree Protection Measures
1	Erect a fence at the critical root zone*(CRZ) of all trees to be protected shown on the attached plans L01 and L02.
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.

## 8.0 SUGGESTED TREES FOR LANDSCAPE PLAN

NO. OF PROPOSED TREES	SUGGESTED TREE SPECIES	PERCENT OF TREE OFFSET TO THE SITE (%)
6	Thuja occidentalis 'George Peabody'	86%

## 9.0 ADDITIONAL INFORMATION

OWNER NAME	Ottawa Carleton District School Board
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15 FEBRUARY 2013  
**MUTCHMOR PUBLIC  
SCHOOL ADDITION**

ADDRESS	1224 Main Street Stittsville, ON K2S 0E2
TEL. NO.	613-596-8211
APPLICANT NAME	Ottawa Carleton District School Board
ADDRESS	1224 Main Street Stittsville, ON K2S 0E2
TEL. NO.	613-596-8211
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	N/A
ADDRESS	N/A
TEL. NO.	N/A
MUNICIPAL ADDRESS	186 Fifth Avenue Ottawa, ON K1S 2N1
LEGAL DESCRIPTION (LOT, BLOCK, PLAN)	Lot 52, 53, 54, 55, 56, and Block 22; Registered Plan 44183 & 34756 City of Ottawa



CONFIRMATION OF EXISTING OFFICIAL PLAN	Confirmed
CONFIRMATION OF ZONING DESIGNATIONS	Confirmed
PREVIOUS STATUS OF APPLICATION	No previous application has been submitted

PURPOSE OF REPORT	To describe the existing tree coverage on the property and to identify the trees to be removed for the construction of a school addition. To describe trees on adjacent property to be protected and preserved or to be removed. 86% of the existing trees within the property and adjacent property will be replaced along with other landscaping implementation.
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10.0 SCHEDULE OF PROPOSED WORKS

START DATE	June 2013
SUBSTANTIAL COMPLETION	September 2014