



**Committee of Adjustment**  
 Received | Reçu le  
**Revised | Modifié le : 2024-04-09**  
 City of Ottawa | Ville d'Ottawa  
**Comité de dérogation**

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## TREE INFORMATION REPORT

PROJECT NAME:	275 MacLaren Street
PROJECT NO.	23870-1
LOCATION	275 MacLaren Street, Ottawa ON, K2P 0L9
INSPECTION DATE:	26 September, 2023 Reinspection of Tree E07 , 11 March 2024* See notes by Principal Landscape Architect

Refer to attached drawing for further details (TP-01, TP-02)

### 1.0 SITE INFORMATION

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)
0.09	11 Trees on site  1 Trees on City property  0 Trees on adjacent property	4 Trees on site  0 Trees on City property  0 Trees on adjacent property	7 Trees on site	1 Tree on City property

### 2.0 TREE INVENTORY WITHIN PROPERTY LINE

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
E02	Burr Oak / <i>Quercus macrocarpa</i>	2cm	Good. Young sapling.
E03	Siberian Elm / <i>Ulmus pumila</i>	52cm	Fair. Imbalanced crown, heavy lean to east over driveway. Dead branches in upper canopy. Compression roots raising driveway and tension roots likely attached to building foundation.



E04	Siberian Elm / <i>Ulmus pumila</i>	30cm	Good. Dead branches in upper canopy. Well-developed buttress roots.
E05	Eastern White Cedar / <i>Thuja occidentalis</i>	15cm	Fair. Some trunk damage. Response wood evident around wounds.
E06	White Spruce / <i>Picea glauca</i>	16cm	Dead.
E07	Siberian Elm / <i>Ulmus pumila</i>	44cm	Fair. East leaning stem historically removed at 0.9m. Remaining stem leans southwest over existing building. Dead branches in upper canopy. 8 Significant Branches are dead or dying in the crown*
E08	Norway Maple / <i>Acer platanoides</i>	47cm	Good. North lean over adjacent property. Conflicts with overhead wires
E09	Norway Maple / <i>Acer platanoides</i>	37cm	Fair. Heavily conflicted with overhead wires
E10	Norway Maple / <i>Acer platanoides</i>	22cm	Fair. Imbalanced crown heavily leaning to south over building. Little buttress support. Stem/upper canopy resting on E11
E11	Manitoba Maple / <i>Acer negundo</i>	46cm	Fair. Heavy lean to southeast over existing building. Intertwined with and provides structural support to E10
E12	Manitoba Maple / <i>Acer negundo</i>	43cm	Poor. Leans to the northwest over the building. Internal rot at base. Large broken branch hanging from tree.

### 3.0 TREE INVENTORY OF CITY PROPERTY

TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
E01	Crimson King Norway Maple / <i>Acer platanoides</i>	35cm	Poor. Large vertical split in trunk. Significant splitting in branches above crotch. Some response wood around previous pruning wounds. Dead branches in canopy.

### 4.0 TREE INVENTORY OF ADJACENT PRIVATE PROPERTY



TREE NO.	TREE SPECIES	SIZE (DBH)	CONDITION AND HEALTH (GOOD, FAIR, POOR, OR DEAD)
	N/A		

5.0 TREE REMOVAL RATIONALE (ABORIST'S AND PRINCIPAL LANDSCAPE ARCHITECT'S\* RECOMMENDATIONS)

TREE NO.	RATIONALE
E03	Tree location conflicts with proposed accessible access ramp
E04	This tree conflicts with the new entrance of proposed building addition.
E06	Tree is dead.
E07*	<p>Proposed building foundation is within 1.2m of the stem and excavation for the foundation will likely create structural instability.</p> <p>PLA: There are structural roots extending SW toward the new addition foundations that will likely need to be removed to allow construction and proper backfilling of the foundations. If helical piles are used to replace the foundations, the root structure will still need to daylighted to allow assessment for the location of the piles causing stress on the tree. Considering the condition of the crown with 8 limbs affected by dieback the tree is likely to undergo more stress from any type of construction in its vicinity with a result of the tree not surviving long term.*</p> <p>Construction access, laydown space and process likely to compact surrounding soils and further damage tree.</p> <p>PLA: Further, the proximity of the centre of the tree at 1.2m from the building foundation (~0.8m at the edge of the trunk and root crown) will require some root removal. The SW lean (3 approx. 100mm/1000 mm) of the remaining stem means that by the time the trunk reaches the height of the addition roof it may affect the roof if there is wind or any movement of the stem, as well as being a hazard if it starts to drop limbs or falls during a storm.*</p>

6.0 TREE RETENTION RATIONALE AND MITIGATION MEASURES

TREE NO.	RATIONALE AND MITIGATION DESCRIPTION
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E05, E08, E09, E10, E11, E12	Trees exist adjacent to proposed construction activities. Trees to be protected per Standard City of Ottawa Tree Protection Measures as noted below.
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## 7.0 TREE PROTECTION MEASURES

	RATIONALE AND MITIGATION DESCRIPTION
1	Erect a fence at the critical root zone*(CRZ) of all trees to be protected shown on the attached plans TP-01.
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 (%)
3*	<ul style="list-style-type: none"> <li>2 Serviceberry – <i>Amelanchier canadensis</i></li> <li>1 Balsam Fir – <i>Abies balsmea</i>*</li> </ul>	100%



	<ul style="list-style-type: none"> <li>Serviceberry and Balsam Fir are culturally significant to the property owner and site users. They are appropriately scaled for the resulting site area.*</li> </ul>	
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9.0 ADDITIONAL INFORMATION

OWNER NAME	National Association of Friendship Centres
ADDRESS	275 MacLaren Street, Ottawa ON, K2P 0L9
TEL. NO.	(613) 563-4844

PROFESSIONAL NAME	Lashley + Associates Corporation
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	275 MacLaren Street, Ottawa ON, K2P 0L9
LEGAL DESCRIPTION (LOT, BLOCK, PLAN)	Part of Lots 46, 47, R-Plan 15558, City of Ottawa P.I.N. 04118-0030(LT)



14 MARCH 2024  
23870-1  
275 MacLaren

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 addition and associated site works.
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Submitted by:



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



David Lashley  
BLA, OALA, AAPQ, CSLA  
Principal Landscape Architect



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## Site Photographs

Photo 1: Tree E01 (retain) - No conflict with proposed construction.







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Photo 2: Tree E02 (retain) - No conflict with proposed construction.







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**Photo 3:** Tree E03 (remove) – Heavy leaner to east over existing driveway and conflicts with proposed accessible ramp.





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Photos 4 & 5: Tree E04 (remove) – Conflicts with proposed building entrance.







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Photo 6: Tree E05 (retain) – Does not conflict with construction.







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Photo 7: Tree E06 (remove) – Dead.





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Photo 8: Tree E07 (remove) – 1.2m from proposed building façade and foundation.







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Photos 8 a, b, c, d, e, f taken 11 March 2024\*



a. Leaning SW stem



b dead branches in crown



c leaning SW toward addition area



d dead branches in crown





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e. south face of trunk



f. east face of trunk



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Photo 9: Trees E08 & E09 (retain) – No conflict with construction.



E09

E08





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Photo 10: Tree E10 (retain) – No conflict with construction.





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Photo 11: Tree E11 (retain) – No conflict with construction.







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Photo 12: Tree E12 (retain) – No conflict with construction.





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