

Tree Information Report

Date: September 23, 2024



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Committee of Adjustment
 Received | Reçu le
2024-11-12

City of Ottawa | Ville d'Ottawa
Comité de dérogation

Client information

Company: Dextor A Edwards Architect Ltd.
Address: 460 Hunt Club BLVD. West
 suite 203, K2B 0B8

Primary Contact: Dextor Edwards
Email: dae.architecte@xplornet.ca
Telephone: 819-665-0052

Site Address: 346 Roosevelt, Ottawa ON, K2A 1Y9

Reason for application:

Infill / Development: Client is requesting to build a 4 storey triplex.

Tree Information:

| Tree # | Species | DBH (centimeters) | Location | Condition |
|--------|---------------------------------|--------------------|--|--|
| 1 | Manitoba Maple (Acer Negundo) | 23 | Boundary tree, south side of lot nearest to road | Healthy, virile, no observable defects |
| 2 | Manitoba Maple (Acer Negundo) | 39.5 | Boundary tree, south side of lot nearest to road | Healthy, virile, no observable defects |
| 3 | Manitoba Maple (Acer Negundo) | 22.5 | Boundary tree, south side of lot nearest to road | Healthy, virile, no observable defects |
| 4 | Manitoba Maple (Acer Negundo) | 22.5 | Boundary tree, south side of lot nearest to road | Healthy, virile, no observable defects |
| 5 | Manitoba Maple (Acer Negundo) | 11.5 | Boundary tree, south side of lot nearest to road | Healthy, virile, no observable defects, pollard prune. |
| 6 | Common Lilac (Syringa Vulgaris) | 3 to 10 cm cluster | rear fenceline (south west corner) | Healthy |

| | | | | |
|----|---|--------|---|--|
| 7 | Norway Maple (Acer Platanoides) | 13.5 | rear fenceline (west fenceline) | Healthy, no defects, crowded crown |
| 8 | Sugar maple (Acer Saccharum) | 21.5 | rear fenceline (west fenceline) | Healthy, virile, no observable defects |
| 9 | Basswood (Tilia Americana) | 35.5 | rear, mid-fenceline (west fenceline) | Healthy, non virile, gnarled and dark flaking bark |
| 10 | Basswood (Tilia Americana) | 30.5 | rear, mid-fenceline (west fenceline) | dead tree |
| 11 | Basswood (Tilia Americana) | 19 | rear, mid-fenceline (west fenceline) | dead tree |
| 12 | White Ash (Fraxinus Americana) | 10.5 | rear, mid-fenceline (west fenceline) | Healthy, no observable defects, forest grown. |
| 13 | Basswood (Tilia Americana) | 42.5 | rear corner (north west fenceline) | dead tree |
| 14 | Basswood (Tilia Americana) | 17.5 | rear corner (north west fenceline) | Healthy, virile, no observable defects |
| 15 | Buckthorn (Rhamnus spp.) | 1 to 5 | North west corner along north neighbors fenceline | Healthy shrubs. |
| 16 | Noray Maple (Acer Platanoides) "Crimson King" | 35 cm | North neighbors front yard tree. | Healthy, virile, good form, no dieback and no observable signs of decay or disease. |

Tree protection plan :

- 1. The cluster of Trees 1,2 ,3 ,4 and 5, will require protection from activities that may disturb the CRZ or compact the soil around the tree. The Critical root zone of this tree is a radius of 3.9 meters from the base of the cluster. A temporary jobsite fence should be erected between the worksite and the tree no closer than 3.9 meters to the tree. If this is not possible, then work in this area must not exceed the allowable 30% disturbance of the crz.*
- 2. Trees 7, 8, 9, 12 and 14 should be protected and impact to crz should be no greater than 30%, measurements should be taken on site to determine where a temporary jobsite fence should be erected between the tree and the jobsite.*
- 3. Tree #16 is the neighbors Crimson King Maple tree; much care should be taken to protect this tree's crown and roots. Any activities that require pruning the crown or roots should be discussed with the homeowner before hand and written consent should be taken and signed. A protective barrier (jobsite fence) should be erected between the tree and the jobsite no nearer than 3.5 meters from the bole of the tree*
- 4. Follow the City of Ottawa guidelines as outlined in "Tree Protection Specifications" to protect the CRZ of the tree. (Image below) As well, the **Tree Inventory** Table above has the CRZ information.*

Additional Comments

There are 3 distinctive sugar maple trees on the neighboring property to the west of the site. These trees are sufficiently far away from the site to be considered in this report, however the largest maple tree in the middle of the neighboring vacant lot has attracted attention and is very dear to the public. During my site visit, I met a neighbor expressing their concern and admiration for the tree that looks to be 100+ years old, has a trunk diameter greater than 1 meter and whose crown extends over the entire lot.

Tree protection and replacement plan:

Trees to be protected will follow guidelines as dictated by the city of Ottawa and are as follows:
(As quoted from [Tree Protection By-law | City of Ottawa](#))

The primary purpose of the City of Ottawa's Tree Protection By-law is to ensure that trees are protected from injury or destruction. The by-law identifies guidelines to follow when working around trees since trees can be seriously injured if their roots are compacted, cut or damaged.

The Tree Protection By-law requires that anyone working near protected trees must, unless otherwise authorized by the City:

- *Erect a 1.2 m high fence around the outer edge of the critical root zone (CRZ) of trees prior to beginning other site work, and maintain the fence until the work is complete (see the [City's Tree Protection Specification \[PDF 377KB \]](#)Opens in a new tab or window(link is external) for more information)*
- *Not place any material or equipment within the CRZ of the tree*
- *Not raise or lower the existing grade within the CRZ of a tree*
- *Not extend any hard surface or significantly change landscaping within the CRZ of a tree*
- *Not attach any signs, notices or posters to any tree, except as required by this by-law for trees to be removed*
- *Not damage the root system, trunk or branches of any tree*
- *Ensure that exhaust fumes from equipment are not directed towards any tree's canopy*

The critical root zone (CRZ) 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 1.3 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.

It is an offence under the Tree Protection By-law to fail to adequately protect a tree that has not been approved for removal.

Google maps overhead with tree locations



Geottawa Map:



Images:



Trees # 1-5



Trees # 6-14



Tree # 1 (Manitoba maple stem, part of cluster of 5 stems separating from ground level)



Tree # 2 (Manitoba maple stem, part of cluster of 5 stems separating from ground level)



Tree # 3 (Manitoba maple stem, part of cluster of 5 stems separating from ground level)



Tree # 4 (Manitoba maple stem, part of cluster of 5 stems separating from ground level)



Tree # 5 (Manitoba maple stem, part of cluster of 5 stems separating from ground level)



Tree # 6 (1) (Lilac stem, part of larger cluster)



Tree # 6 (2) (Lilac stem, part of larger cluster)



Tree # 6 (3) (Lilac stem, part of larger cluster)



Tree # 6 (4) (Lilac stem, part of larger cluster)



Tree # 7 (Healthy Norway Maple)



Tree # 8 (Healthy Sugar Maple)



Tree # 9 (Healthy Basswood)



Tree # 10 (Dead Basswood)



Tree # 11 (Dead Basswood)



Tree # 12 (Healthy Ash tree)



Tree # 13 (dead basswood)



Tree # 14 (Healthy Basswood)



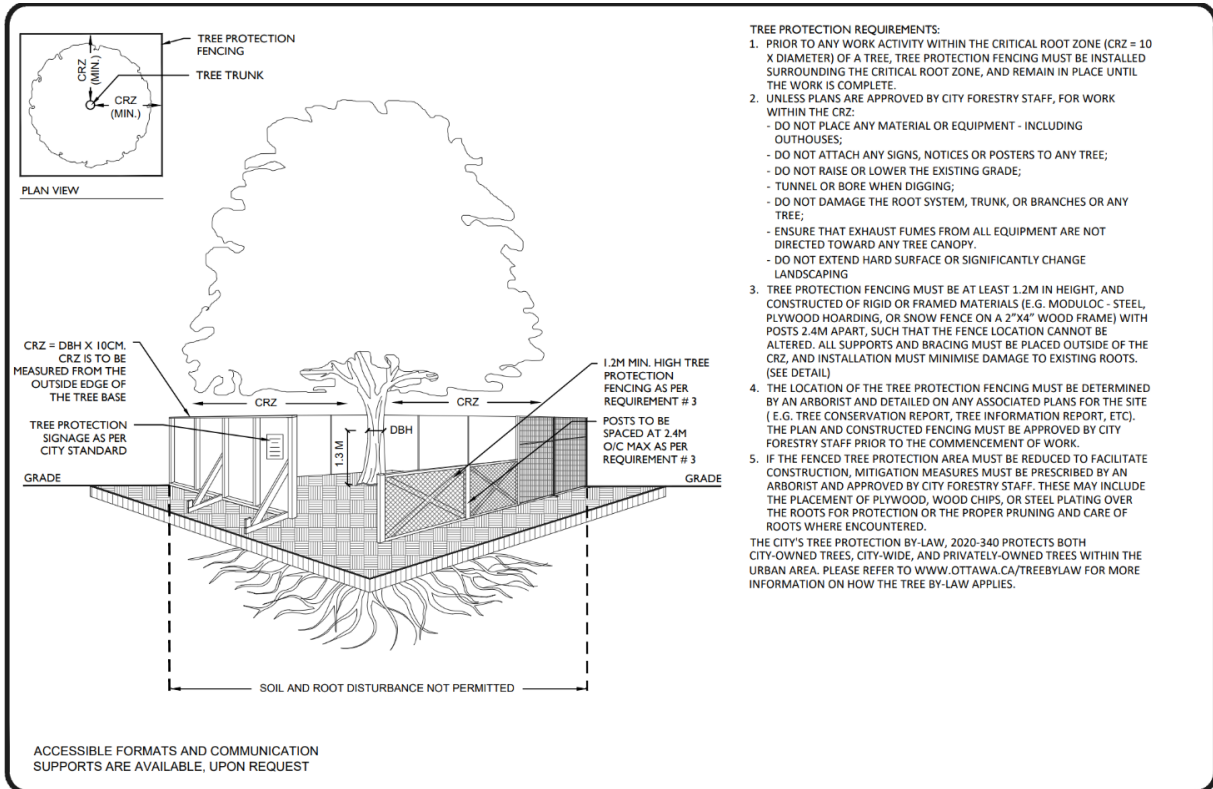
Tree # 15 (Buckthorne shrubs)



Tree # 16 (Norway Maple, bole of tree)



Tree # 16 (Norway Maple, full tree)



- TREE PROTECTION REQUIREMENTS:**
- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
 - UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRADE;
 - TUNNEL OR BORE WHEN DIGGING;
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
 - TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
 - THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
 - IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.
- THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST



TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

| | |
|--------------|------------|
| SCALE: | NTS |
| DATE: | MARCH 2021 |
| DRAWING NO.: | 1 of 1 |

Signed:

Date: 2024-09-23

Arborist: Maxwell Carmanico