

PRELIMINARY TREE CONSERVATION REPORT

4101 Limebank road

Tree Conservation Report submitted as Partial Requirements for a Site Plan Control Application, November 1, 2023

Dendron Forestry Services

Dendron Forestry Services
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Preliminary Tree Conservation Report

Address: 4101 Limebank Road

Date of Report: November 1, 2023

Date of Site Visit: October 31, 2023

Prepared by: Kevin Myers, ISA Certified Arborist; kevin.myers@dendronforestry.ca

Client: Groupe Montoni c/o Nadia Nguyen Dong; ntnguyendong@groupemontoni.com

This Report must be read in its entirety, including the Assumptions and Limiting Conditions attached herein.

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Introduction

This Preliminary Tree Conservation Report has been prepared for Groupe Montoni, as partial requirements for the Site Plan Control Application submitted to the City of Ottawa. The objectives of this Preliminary Report are:

- To describe all trees with diameters over 10 cm on the site, recording their species, size, and current health condition. This includes trees on adjacent private property 10 cm or greater in diameter, with critical root zones that extend onto the subject property. It also includes city trees of all sizes that will be impacted by the proposed development.
- To evaluate the impact of the trees by the proposed development. Determination on tree retention will be made in the final report, after more information on the development has been received and analyzed

Methodology

The following materials were reviewed as part of this report:

- Survey by Annis, O'Sullivan, Vollebekk Ltd., dated June 21, 2023
- GeoOttawa tree inventory layer and aerial photography
- Google© Street View imagery – various years

A site visit was conducted to collect the following information from each tree classified as protected under the City of Ottawa's Tree Protection By-law No. 2020-340:

- Diameter at breast height (1.3 m from grade)
- Species
- Tree health

Current Vegetation

According to GeoOttawa aerial imagery, the site has been used for agriculture since at least 1965 to 2022 and is consequently mostly free from persistent vegetation. Hedgerows run along the north and south property lines as well as through the middle of the site. These hedgerows contain a variety of woody shrub species, including: glossy buckthorn (*Frangula alnus*), common buckthorn (*Rhamnus cathartica*), red osier dogwood (*Cornus stolonifera*) and several species of willow (*Salix spp.*). Many young trees are also present, mainly young ash (*Fraxinus spp.*) and poplar (*Populus spp.*) but fall under the threshold of 10cm.

The property abuts federal lands to the east and city lands to the south but is not located near any provincially significant wetlands or Areas of Natural and Scientific Interest. No butternut (*Juglans cinerea*) trees were discovered on site.

Tree Inventory

Appendix A is information on protected trees in table format. **Table 1** is an inventory of all individual trees and **Table 2** is an inventory of groupings of trees on the site that are protected under City of Ottawa Tree Protection (By-law No. 2020-340). This includes private trees with a diameter at breast height (dbh) of 10 cm or greater, and city-owned trees of all sizes. It also includes trees with a dbh of 10 cm or greater on adjacent properties whose Critical Root Zone (CRZ) extend into the subject area. The CRZ is an area around the trunk with a radius equivalent to 10 times the diameter of the trunk.

Proposed development and Tree Protection

As proposed, the development will necessitate removal of all vegetation in the interior of the property, including **Trees 1 and 11-14**. Due to the small size of most of the trees, the proposed 3m buffer between the property line and paving on the north and east side may provide enough space to preserve trees along these property lines: any increase in this buffer will allow for more tree retention. Final determination on specific tree retention will take place when engineering plans are reviewed, as it is expected significant grading will be required across the site.

Trees 2-10 should be protected until such time as the indicated 'Future Road Realignment' is to take place. The stormwater management area should be designed so to leave the trees at the edge of the wettest area. If excavation is required for this area, it should be kept as far from the trees as possible.

Tree 15 is recommended for removal due to its poor condition and size: stress from construction could lead to this tree becoming hazardous.

Tree Protection

Prior to any site works, protective fencing should be installed around the trees as indicated in the attached Tree Information Map and maintained until all construction on site has been completed as per the **City of Ottawa Tree Protection Specifications (March 2021)**. Within the fenced area, the following tree protection guidelines should be applied:

- Do not change the grade
- Do not store construction material
- Do not operate machinery
- Do not convert to hard surface or change the landscaping
- Do not excavate unless it is a method that has been pre-approved by the City
- Do not place signs, notices or posters to any tree
- Do not damage the root system, trunk, or branches of any tree
- Direct the exhaust away from the tree

The tree protection fencing must be 1.2 m in height and constructed of a rigid or framed material (e.g. modulus – steel, plywood hoarding, or snow fence on a 2"X4" wood frame) with posts 2.4 m apart such that the fence location cannot be altered. All supports must be placed outside of the CRZ and installation must minimize damage to existing roots.

If the fenced tree protection area must be reduced to facilitate construction, *one* of the following mitigation measures should be applied:

- Place a layer of 6-12 inches (15 to 30 cm) of woodchip mulch to the area
- Apply ¾ (2 cm) inch plywood, or road mats over a 4+ inch (10 cm) think layer of the wood chip mulch
- Apply 4-6 inches (10 to 15 cm) of gravel over a taut, staked, geotextile fabric

Tree Planting Recommendations

Tree planting on this site could lead to increased canopy cover overall. Grade-level raised-curb style planters are recommended for planting in paved areas, and underplanting trees with shrubs can provide the trees protection and extra nutrients. The largest green spaces in the proposed development provide space for large trees. Species suggestions include:

White oak - *Quercus alba**
Red oak - *Quercus rubra**
Red pine - *Pinus resinosa**
Freeman maple - *Acer x freemanii*
Silver maple - *Acer saccharinum**
Ginkgo - *Ginkgo biloba*
Colorado spruce - *Picea pungens*
White spruce - *Picea glauca**
Norway spruce - *Picea abies*
Liberty elm - *Ulmus americana 'Libertas'**
Northern catalpa - *Catalpa speciosa*

In the 3m buffer along the edges of the development, if trees are not preserved, trees should be planted that match the current species mix (as they are well suited to the soil conditions). Species planted should also be able to tolerate wet soil conditions such as exist now and such as are expected to increase due to the runoff from the increased hard surfaces. Species suggestions include:

Poplar species – *Populus spp.*
Willow species – *Salix spp.*
Sycamore – *Platanus occidentalis*
Dogwood species – *Cornus spp.*

In all cases tree planting must take into consideration the proximity of natural and naturalized spaces: no invasive or aggressively spreading species are to be planted.

Wildlife Impact

During the site visit, several bird species were seen as well as a coyote. Due to its proximity to the greenbelt and the natural federal lands to the east, it is expected wildlife use the area as a corridor. Given the existence of other naturalized areas around this property, it is unlikely the development will have significantly negative impacts on wildlife.

Tree Clearing and Migratory Birds

Following the guidelines under the *Migratory Birds Convention Act*, 1994, removal of vegetation should be avoided during the nesting periods for migratory birds which extends from April 15 to as late as August 15th. If tree removal is required during this period, a nesting survey should be completed by a biologist within 5 days of tree removal to confirm that no nests are present.

The undersigned personally inspected the property and issues associated with this report on October 26, 2023. On Behalf of Dendron Forestry Services,



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APPENDIX A – Tree Information

Table 1 - Individual tree information

Tree[1,4]	Species	DBH (cm)	Ownership[2]	Tree Condition	Forester recommendation
1	American elm (*Ulmus americana*)	15	Subject property	Fair	Remove
2	American elm (*Ulmus americana*)	32	Subject property	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
3	American elm (*Ulmus americana*)	19	Subject property	Fair/Good	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
4	American elm (*Ulmus americana*)	15	Subject property	Fair/Good	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
5	American elm (*Ulmus americana*)	10	Subject property	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
6	American elm (*Ulmus americana*)	10	Subject property	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
7	American elm (*Ulmus americana*)	25	Subject property	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.

8	American elm (*Ulmus americana*)	18	Subject property	Fair/Good	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
9	American elm (*Ulmus americana*)	18	Subject property	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
10	American elm (*Ulmus americana*)	14	Subject property	Fair/Good	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
11	Ash (*Fraxinus spp.*)	9, 5, 5, 6	Subject property	Fair/Poor: four large dead stems – living stems are sprouts from these	Remove
12	Willow (*Salix spp.*)	15 stems 5-10cm	Subject property	Fair	Remove
13	Manitoba maple (*Acer negundo*)	12	Subject property	Fair/Good	Remove
14	Manitoba maple (*Acer negundo*)	14, 14, 12, 6, 5, 8	Subject property	Fair/Poor: fungal bodies present	Remove
15	Ash (*Fraxinus spp.*)	50 (estimate)	Adjacent north – unknown address	Fair/Poor	Remove: condition, size and proximity to construction could lead to tree becoming hazardous
16	Manitoba maple (*Acer negundo*)	15	Adjacent north – unknown address	Fair	Retain – final determination to be made when grading plan available
17	Manitoba maple (*Acer negundo*)	13	Adjacent north – unknown address	Fair/Poor	Retain – final determination to be made when grading plan available
18	Ash (*Fraxinus spp.*)	10, 8, 5	Adjacent north – unknown address	Fair/Poor: three large dead stems – living stems are	Retain – final determination to be made when grading plan available

				sprouts from these	
19	American elm (*Ulmus americana*)	12, 8	Adjacent north – unknown address	Fair	Retain – final determination to be made when grading plan available

Table 2 – Tree groupings

Group[1,4]	Species present	Description	Ownership[2]	General Tree Condition	Forester recommendation
G1	Poplars (*Populus spp.*)	10 stems 5-22cm DBH	Subject property	Good	Retain – final determination to be made when grading plan available
G2	Ash (*Fraxinus spp.*) and Manitoba maple (*Acer negundo*)	25 stems 3-10cm DBH	Adjacent north – unknown address	Fair/Poor	Retain – final determination to be made when grading plan available
G3	Ash (*Fraxinus spp.*)	50 stems 3-15cm DBH	Boundary with property to north	Fair	Retain – final determination to be made when grading plan available
G4	Trembling aspen (*Populus tremuloides*)	12 stems 2-25cm DBH	Boundary with property to north	Fair/Good	Retain – final determination to be made when grading plan available
G5	Silver poplar (*Populus alba*)	38 stems 5-45cm DBH	Boundary with property to north	Good	Retain – final determination to be made when grading plan available

[1] Please refer to the attached Tree Conservation Report maps for tree and group numbers. Note that these include a tree layer added to the base layers. The maps include only information about the trees and the original base layers are not altered in this process.

[2]Ownership of the tree in this report is based on the information provided and should not be used as a determination of ownership. For ownership disputes, a survey should be relied on. For boundary trees, consent from the adjacent property owner is required for removal as part of the application.

[4]The location of these trees was not provided and has been estimated

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APPENDIX B - Photographs





Above right: Tree 13 Above left: Tree 14 – private Manitoba maples to be removed.

Below: private willow to be removed.





Above: Tree 15 – boundary ash to be removed. Below: Group 2 – young ash and Manitoba maple.





Above: Group 5 - silver poplar

APPENDIX C: Assumptions and Limiting Conditions

Intended Use of the Report

This Report was prepared by Dendron Forestry Services (hereafter "Dendron") at the request of the Client. The results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report are to be used solely for the purposes outlined within this Report. All other uses are impermissible and unintended, unless specifically stated in writing in the Report.

Intended User of the Report

This Report was prepared by Dendron for the exclusive use of the Client and may not be used or relied upon by any other party. All other users are unintended and unauthorized, unless specifically stated in writing in the Report.

Limitations of this Report

This Report is based on the circumstances and on-site conditions as they existed at the time of the site inspection and the information provided by the Client and/or third parties to Dendron. On-site conditions may limit the extent of the on-site inspection(s) conducted by Dendron, including weather events such as rain, flooding, storms, winds, tornados, snowfall, snow cover, hail; obstructions including fencing, dwellings, buildings, sheds, plants, and animals; lack of access to the entire perimeter of the tree due to adjacent properties; the shape of the tree; and accessibility of the tree crown, branches, trunk, or roots for examination.

In the event that information provided by the Client or any third parties, including but not limited to documents, records, site and grading plans, permits, or representations or any site conditions are updated or change following the completion of this Report, this Report is no longer current and valid and cannot be relied upon for the purpose for which it was prepared. Dendron and its agents, assessors, and/or employees are not liable for any damages, injuries, or losses arising from amendments, revisions, or changes to the documents, records, site and grading plans, permits, representations, or other information upon which Dendron relied in preparing this Report.

No assessment of any other trees or plants has been undertaken by Dendron. Dendron and its agents, assessors, and/or employees are not liable for any other trees or plants on or around the subject Property except those expressly identified herein. The results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report apply only to the trees identified herein.

Trees and plants are living organisms and subject to change, damage, and disease, and the results, observations, interpretations, analysis, recommendations, and conclusions as set out in this Report are valid only as at the date any inspections, observations, tests, and analysis took place. No guarantee, warranty, representation, or opinion is offered or made by Dendron as to the length of the validity of the results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report. As a result the Client shall only rely upon this Report as representing the results, observations, interpretations, analysis, recommendations, and conclusions that were made as at the date of such inspections, observations, tests, and analysis. The trees discussed in this Report should be re-assessed periodically and at least within one year of the date of this Report.

No Opinion regarding ownership of the Tree

This Report was not prepared to make a determination as to ownership of the subject tree(s). Where ownership of the subject tree(s) is identified within this Report, said identification is based on the information provided by the Client and third parties, including surveys, permits, and site and grading plans and may not be relied upon as a guarantee, warranty, or representation of ownership.

Assumptions

This Report is based on the circumstances and conditions as they existed at the time of the site inspection and the information provided by the Client and/or third parties to Dendron. Where documents, records, site and grading plans, permits, representations, and any other information was provided to Dendron for the purpose of preparing this Report, Dendron assumed that said information was correct and up-to-date and prepared this Report in reliance on that information. Dendron and its agents, assessors, and/or employees, are not responsible for the veracity or accuracy of such information. Dendron and its agents, assessors, or employees are not liable for any damages, injuries, or losses arising from inaccuracies, errors, and/or omissions in the documents, records, site and grading plans, permits, representations, or other information upon which Dendron relied in preparing this Report.

For the purpose of preparing this Report, Dendron and its agents, assessors, and/or employees assumed that the property which is the subject of this Report is in full compliance with all applicable federal, provincial, municipal, and local statutes, regulations, by-laws, guidelines, and other related laws. Dendron and its agents, assessors, and/or employees are not liable for any issues with respect to non-compliance with any of the above-referenced statutes, regulations, bylaws, guidelines, and laws as it may pertain to or affect the property to which this Report applies.

For the purpose of preparing this Report, Dendron and its agents, assessors, and/or employee assumed that there are no hidden or unapparent conditions affecting the results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report.

No Publication

The Client acknowledges and agrees that all intellectual property rights and title, including without limitation, all copyright in this Report shall remain solely with Dendron Forestry. Possession of this Report, or a copy thereof, does not entitle the Client or any third party to the right of publication or reproduction of the Report for any purpose save and except where Dendron has given its prior written consent.

Neither all nor any part of the contents of this Report shall be disseminated to the public through advertising, public relations, news, sales, the internet or other media (including, without limitation, television, radio, print or electronic media) without the prior written consent of Dendron Forestry.

Implementing the Report Recommendations

Dendron and its agents, assessors, and/or employees accept no responsibility for the implementation of any part of this Report unless specifically requested to provide oversight on the implementation of the recommendations. In the event that inspection or supervision of all or part of the implementation of the within recommendations is requested, that request shall be in writing and the details agreed to in writing by both parties.

Dendron and its agents, assessors, and/or employees are not liable for any damages or injuries arising from the manner in which the recommendations in this Report are implemented, including failure to, incorrect, or negligent implementation of the recommendations.

Further Services

Neither Dendron nor any assessor employed or retained by Dendron for the purpose of preparing or assisting in the preparation of this Report shall be required to provide any further consultation or services to the Client, save and except as already carried out in the preparation of this Report and including, without limitation, to act as an expert witness or witness in any court in any jurisdiction unless the Client has first made specific arrangements with respect to such further services, including, without limitation, providing the payment of the Report's regular hourly billing fees.

Limits of Liability

In carrying out this Report, Dendron and its agents, assessors, and/or employees have exercised a reasonable standard of care, skill, and diligence as would be customarily and normally provided in carrying out this Report. While reasonable efforts have been made to ensure that the trees recommended for retention are healthy, no guarantees are offered, or implied, that these trees, or all parts of them will remain standing. It is professionally impossible to predict with absolute certainty the behaviour of any single tree or group of trees, or all their component parts, in all given circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential to fall, lean, or otherwise pose a danger to property and persons in the event of adverse weather conditions, and this risk can only be eliminated if the tree is removed.

Without limiting the foregoing, no liability is assumed by Dendron for:

a) any legal description provided with respect to the Property;
b) issues of title and or ownership respect to the Property;
c) the accuracy of the Property line locations or boundaries with respect to the Property; and
d) the accuracy of any other information provided to Dendron by the Client or third parties;
e) any consequential loss, injury or damages suffered by the Client or any third parties, including but not limited to replacement costs, loss of use, earnings and business interruption; and
f) the unauthorized distribution of the Report.

The total monetary amount of all claims or causes of action the Client may have as against Dendron Forestry, including but not limited to claims for negligence, negligent misrepresentation, and breach of contract, shall be strictly limited solely to the total amount of fees paid by the Client to Dendron Forestry pursuant to the Contract for Services dated September 11, 2023, for which this Assessment was carried out.

Further, under no circumstance may any claims be initiated or commenced by the Client against Dendron or any of its directors, officers, employees, contractors, agents, assessors, or Assessors, in contract or in tort, more than 12 months after the date of this Report.

No Third Party Liability
This Report was prepared by Dendron exclusively for the Client for the purpose set out in the Report. Any use which a third party makes of this Report, or any reliance on or decisions a third party may make based upon this Report, are made at the sole risk of any such third parties. Dendron Forestry accepts no responsibility for any damages or loss suffered by any third party or by the Client as a result of decisions made or actions based upon the unauthorized use or reliance of this Report by any such party.

General

Any plans and/or illustrations in this Report are included only to help the Client visualize the issues in this Report and shall not be relied upon for any other purpose. This report is best viewed in colour. Any copies printed in black and white may make some details difficult to properly understand. Dendron accepts no liability for misunderstandings due to a black and white copy of the report.

Notwithstanding any of the above, nothing in this Report is taken to absolve the Client of the responsibility of obtaining a new Report in the event that the circumstances of the tree change.

Tree[1,4]	Species	DBH (cm)	Tree Condition
1	American elm (*Ulmus americana*)	15	Fair
2	American elm (*Ulmus americana*)	32	Fair
3	American elm (*Ulmus americana*)	19	Fair/Good
4	American elm (*Ulmus americana*)	15	Fair/Good
5	American elm (*Ulmus americana*)	10	Fair
6	American elm (*Ulmus americana*)	10	Fair
7	American elm (*Ulmus americana*)	25	Fair
8	American elm (*Ulmus americana*)	18	Fair/Good
9	American elm (*Ulmus americana*)	18	Fair
10	American elm (*Ulmus americana*)	14	Fair/Good
11	Ash (*Fraxinus spp.*)	9, 5, 5, 6	Fair/Poor: four large dead stems – living stems are sprouts from these
12	Willow (*Salix spp.*)	15 stems 5-10cm	Fair
13	Manitoba maple (*Acer negundo*)	12	Fair/Good
14	Manitoba maple (*Acer negundo*)	14, 14, 12, 6, 5, 8	Fair/Poor: fungal bodies present
15	Ash (*Fraxinus spp.*)	50 (estimate)	Fair/Poor
16	Manitoba maple (*Acer negundo*)	15	Fair
17	Manitoba maple (*Acer negundo*)	13	Fair/Poor
18	Ash (*Fraxinus spp.*)	10, 8, 5	Fair/Poor: three large dead stems – living stems are sprouts from these
19	American elm (*Ulmus americana*)	12, 8	Fair



Group[1,4]	Species present	Description	General Tree Condition
G1	Poplars (*Populus spp.*)	10 stems 5-22cm DBH	Good
G2	Ash (*Fraxinus spp.*) and Manitoba maple (*Acer negundo*)	25 stems 3-10cm DBH	Fair/Poor
G3	Ash (*Fraxinus spp.*)	50 stems 3-15cm DBH	Fair
G4	Trembling aspen (*Populus tremuloides*)	12 stems 2-25cm DBH	Fair/Good
G5	Silver poplar (*Populus alba*)	38 stems 5-45cm DBH	Good

TCR Map – 4101 Limebank Road
Tree layer prepared by
Dendron Forestry Services
Existing vegetation, November 1, 2023
For more information, please contact: info@dendronforestry.ca

Note: the tree layer has been added to aerial imagery from GeoOttawa. This layer refers to the trees only, and the original imagery has not been altered in the process. *Tree locations were not provided and have been estimated.*

Legend

Approximate location of identified grouping of trees

Tree on subject property

Tree either fully or partly on adjacent property

Group[1,4]	Species present	Description	General Tree Condition	Forester recommendation
G1	Poplars (*Populus spp.*)	10 stems 5-22cm DBH	Good	Retain – final determination to be made when grading plan available
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Tree[1,4]	Species	DBH (cm)	Tree Condition	Forester recommendation
1	American elm (*Ulmus americana*)	15	Fair	Remove
2	American elm (*Ulmus americana*)	32	Fair	Retain and protect until road realignment takes place. Further assessment at that time. Keep excavation for stormwater management area as far as possible from tree.
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15	Ash (*Fraxinus spp.*)	50 (estimate)	Fair/Poor	Remove: condition, size and proximity to construction could lead to tree becoming hazardous
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19	American elm (*Ulmus americana*)	12, 8	Fair	Retain – final determination to be made when grading plan available



TCR Map – 4101 Limebank Road
Tree layer prepared by
Dendron Forestry Services
Version 1.0, November 1, 2023
For more information, please contact: info@dendronforestry.ca

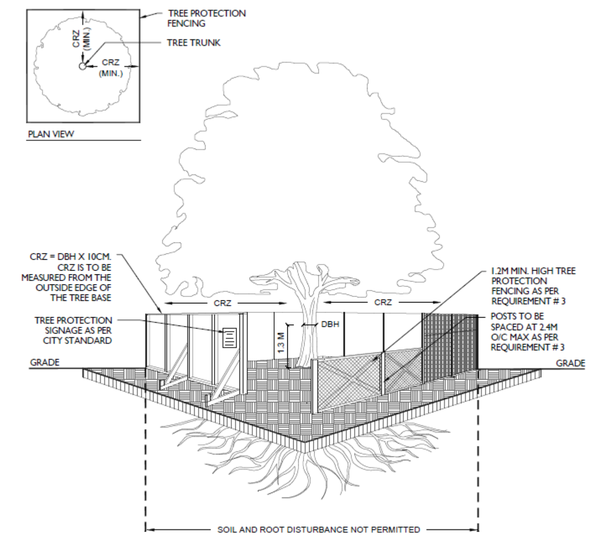
Note: the tree layer has been added to the original site plan supplied by the client in pdf format. This layer refers to the trees only, and the original plan has not been altered in the process. Refer to the original plan for details as quality is lost when importing the plan into the mapping software used to create the tree layer.

TREE PROTECTION REQUIREMENTS:

1. 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.
2. 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
3. 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)
4. 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.
5. 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.

Failure to install and maintain fencing as described in this report may result in fines from the city.



Legend

- Approximate location of identified grouping of trees
- Tree Protection Area
- Tree on subject property
- Tree either fully or partly on adjacent property
- Tree to be removed