



**Dendron Forestry Services**

www.dendronforestry.ca  
613.805.WOOD (9663)  
[info@dendronforestry.ca](mailto:info@dendronforestry.ca)

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## Tree Information Report

Submitted as part of Committee of Adjustment Application to the City of Ottawa

**Address:** 236 Woodroffe Avenue

**Date of Report:** February 9, 2023

**Date of Site Visit:** February 6, 2023

**Prepared by:** Astrid Nielsen, RPF, ISA Certified Arborist®  
131 Smirle Ave, Ottawa, K1Y 0S4  
[Astrid.nielsen@dendronforestry.ca](mailto:Astrid.nielsen@dendronforestry.ca)

**Client:** 2763082 Ontario Inc  
1679 Heron Rd  
Ottawa, Ontario K1V 6A2  
Canada  
[jack@papershootcamera.com](mailto:jack@papershootcamera.com)

Committee of Adjustment  
Received | Reçu le  
**2023-03-07**  
City of Ottawa | Ville d'Ottawa  
Comité de dérogation

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

### Purpose of the Report

The purpose of this report is to provide the client with a detailed description of all protected trees on site as per the City of Ottawa's Tree Protection By-law No. 2020-340. This report is part of a Committee of Adjustment application to the City of Ottawa and considers the impact that the proposed development will have on the trees. The assessment of the suitability of tree retention is based on the information provided at the time of report preparation which includes:

- Survey by Farley, Smith, Denis Surveying Ltd., dated January 16, 2023
- Site Plan by P<sup>2</sup> Concepts, dated November 2022
- Removals plan by D.B. Gray Engineering Inc., dated February 8, 2023
- Site Servicing plan by D.B. Gray Engineering Inc., dated February 8, 2023

This assessment does not consider additional factors that could influence tree retainability such as:

- site grading, and requirement for retaining walls and/or swales
- installation of gas lines for the new units

The potential for retaining those tree(s) identified for retention in this report may change as more information on the site-specific construction details is provided during the building permitting phase. For those trees that are recommended for retention, mitigation measures are provided to reduce the impact during construction. It should be noted that the construction phase includes all site works that



could impact trees, from the capping of services at the beginning to the final landscaping steps at the end.

**Methodology**

The following materials were reviewed as part of this report:

- Survey
- Site Plans
- 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

**Tree Information:**

The following is an inventory of all trees that are protected under City of Ottawa Tree Protection (By-law No. 2020-340) on the site and adjacent City property. This includes Distinctive Trees (private trees with a diameter at breast height (dbh) of 30 cm or greater) and city-owned trees of all sizes. It also includes Distinctive Trees 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. This does not take into account infrastructure such as buildings and asphalt and assumes the tree has no restrictions on root growth.

Tree <sup>1</sup>	Species	Diameter at breast height (cm)	Ownership <sup>2,3</sup>	Condition	Action	Recommendations
1	Colorado Spruce ( <i>Picea pungens</i> )	44	City	Good	Remove	Remove due to impact by excavation, driveway and servicing installation and capping of existing services; <b>Tree Permit required</b>
2	Ash ( <i>Fraxinus spp.</i> )	49	Boundary	Dead	Remove	Remove: <b>no Tree Permit required</b>
3	Sugar Maple ( <i>Acer saccharum</i> )	58	Boundary	Poor: significant dieback in crown	Remove	Remove: not suitable for retention due to poor health and proximity to proposed development; <b>Tree Permit and permission from adjacent property owner required</b>
4	Basswood ( <i>Tilia americana</i> )	52	Boundary	Fair/Poor: woodpecker activity and rot at first major junction; asymmetric crown;	Remove	Remove: not suitable for retention due to fair health and proximity to proposed development; <b>Tree Permit and permission from adjacent property owner required</b>



				lean towards subject property		
5	Sugar maple ( <i>Acer saccharum</i> )	42	Boundary	Fair/Good: small amount of dieback in crown; good structure	Retain	Retain; roots to be exposed by hydrovac or airspade and severed by hand; monitor for stability during construction; any pruning for clearance to be done by certified arborist
6	Black walnut ( <i>Juglans nigra</i> )	Multi-stem: 67, 72	Boundary	Good/Fair	Retain	Retain: roots to be exposed by hydrovac or airspade and severed by hand; monitor for stability during construction; consider structural support system; any pruning for clearance to be done by certified arborist
7	Basswood ( <i>Tilia americana</i> )	24	Boundary	Good	Retain	Retain: protect as per the City of Ottawa Tree Protection Specifications (March 2021)
8	Sugar maple ( <i>Acer saccharum</i> )	30.5	Boundary	Fair: suppressed by large neighbour; lean towards adjacent property; scar at base – 50x5cm	Retain	Retain: possible removal in future due to lean
9	Sugar maple ( <i>Acer saccharum</i> )	75	Boundary	Good/Fair: 3 large codominant stems	Retain	Retain: protect as per the City of Ottawa Tree Protection Specifications (March 2021)
10 <sup>4</sup>	Sugar maple ( <i>Acer saccharum</i> )	70 (est.)	Adjacent – 237 Compton Ave	Fair	Retain	No action required

<sup>1</sup> Please refer to the attached Tree Information map for tree numbers. Note that this includes a tree layer added to the site plan (in pdf format) provided by the client. This layer includes only information about the trees and the original site plan is not altered in this process.

<sup>2</sup>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.

<sup>3</sup>Trees on adjacent properties do not include a full assessment. The diameters are estimated, and the health is estimated based on what is visible from the subject property. Trees along the property line may also have limited health assessments if part of the tree is not visible.

<sup>4</sup>The location of these trees was not provided and has been estimated

**Proposed development and preserved vegetation:**

Options were explored to retain **Tree 1**, but due to need for site access, capping of existing and installation of new services (see ‘Removals plan’ and ‘Site servicing plan’), as well as the shallow-rooting nature of spruces, it is the opinion of Dendron Forestry Services that best long-term outcomes for the urban tree canopy will be achieved by removing this tree and replanting after construction is complete. This will allow efforts to be focused on preserving the large mature trees at the back of the property.



The roots of **Tree 5 and Tree 6** should be severed before excavation and installation of the driveway. A hydrovac system or airspade is to be used to expose the roots so they can be cleanly severed by hand, and this will be performed by a certified arborist. After excavation and during construction, the tree should be monitored for stability. Any roots to be severed for the installation of the stone entryway must also be cut by hand. Any required pruning for clearance will also be performed by a certified arborist.

Although not protected under city By-law No. 2020-340, **Tree 7** could be preserved: given its location far from proposed construction and good health, it could provide benefits to the future property owners if retained effectively. If preserved, tree protection should be implemented as below.

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) thick layer of the wood chip mulch
- Apply 4-6 inches (10 to 15 cm) of gravel over a taut, staked, geotextile fabric



The undersigned personally inspected the property and issues associated with this report on February 6, 2023. On Behalf of Dendron Forestry Services,



Astrid Nielsen, MFC, RPF (Registered Professional Forester)

ISA Certified Arborist®, ON-1976

ISA Tree Risk Assessment Qualified

Principal, Dendron Forestry Services

[Astrid.nielsen@dendronforestry.ca](mailto:Astrid.nielsen@dendronforestry.ca)

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Figure 1 - Tree 1: City Colorado spruce – to be removed



*Figure 2 - Trees 2 and 3 (indicated with arrows): Boundary – to be removed*



Figure 4 - Trees 4 and 5 (indicated with arrows): Boundary – Tee 4 to be removed and tree 5 to be retained

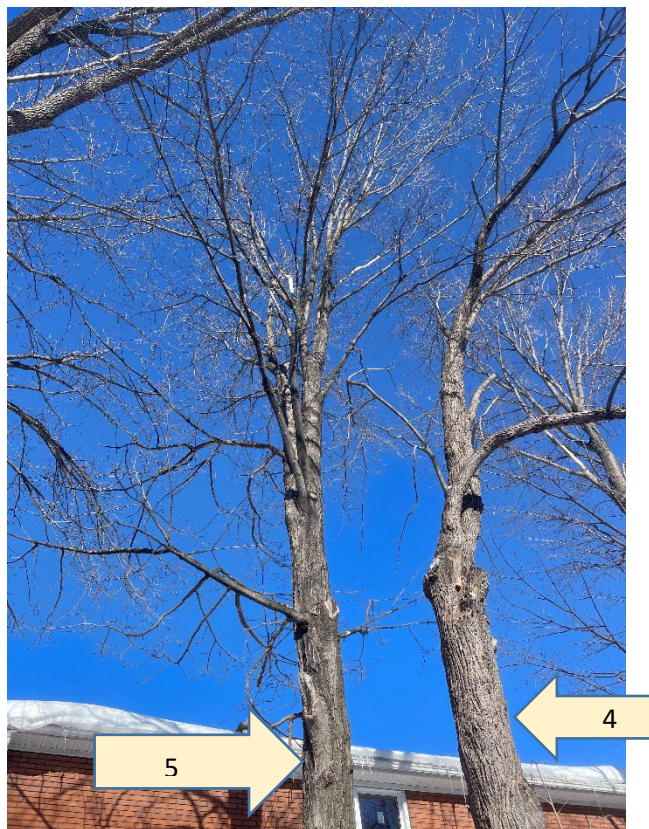


Figure 3 - Trees 4 and 5 (indicated with arrows)



*Figure 5 - Tree 6: Boundary black walnut – to be retained*





Figure 7 - Tree 8: Boundary – to be retained



Figure 6 - Wound at base of Tree 8



Figure 8 - Trees 8, 9 and 10 (indicated with arrows) – to be retained



## 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 February 2, 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 #	Species	Diameter at breast height (cm)	Condition	Recommendations
1	Colorado Spruce ( <i>Picea pungens</i> )	44	Good	Remove due to impact by excavation, driveway and servicing installation and capping of existing services; <b>Tree Permit required</b>
2	Ash ( <i>Fraxinus spp.</i> )	49	Dead	Remove: <b>no Tree Permit required</b>
3	Sugar Maple ( <i>Acer saccharum</i> )	58	Poor: significant dieback in crown	Remove: not suitable for retention due to poor health and proximity to proposed development; <b>Tree Permit and permission from adjacent property owner required</b>
4	Basswood ( <i>Tilia americana</i> )	52	Fair/Poor: woodpecker activity and rot at first major junction; asymmetric crown; lean towards subject property	Remove: not suitable for retention due to fair health and proximity to proposed development; <b>Tree Permit and permission from adjacent property owner required</b>
5	Sugar maple ( <i>Acer saccharum</i> )	42	Fair/Good: small amount of dieback in crown; good structure	Retain; roots to be exposed by hydrovac or airspade and severed by hand; monitor for stability during construction; any pruning for clearance to be done by certified arborist
6	Black walnut ( <i>Juglans nigra</i> )	Multi-stem: 67, 72	Good/Fair	Retain; roots to be exposed by hydrovac or airspade and severed by hand; monitor for stability during construction; consider structural support system; any pruning for clearance to be done by certified arborist
7	Basswood ( <i>Tilia americana</i> )	24	Good	Retain; protect as per the City of Ottawa Tree Protection Specifications (March 2021)
8	Sugar maple ( <i>Acer saccharum</i> )	30.5	Fair: suppressed by large neighbour; lean towards adjacent property; scar at base - 50x5cm	Retain; possible removal in future due to lean
9	Sugar maple ( <i>Acer saccharum</i> )	75	Good/Fair: 3 large codominant stems	Retain; protect as per the City of Ottawa Tree Protection Specifications (March 2021)
10 <sup>d</sup>	Sugar maple ( <i>Acer saccharum</i> )	70 (est.)	Fair	No action required

### Tree Protection Fencing

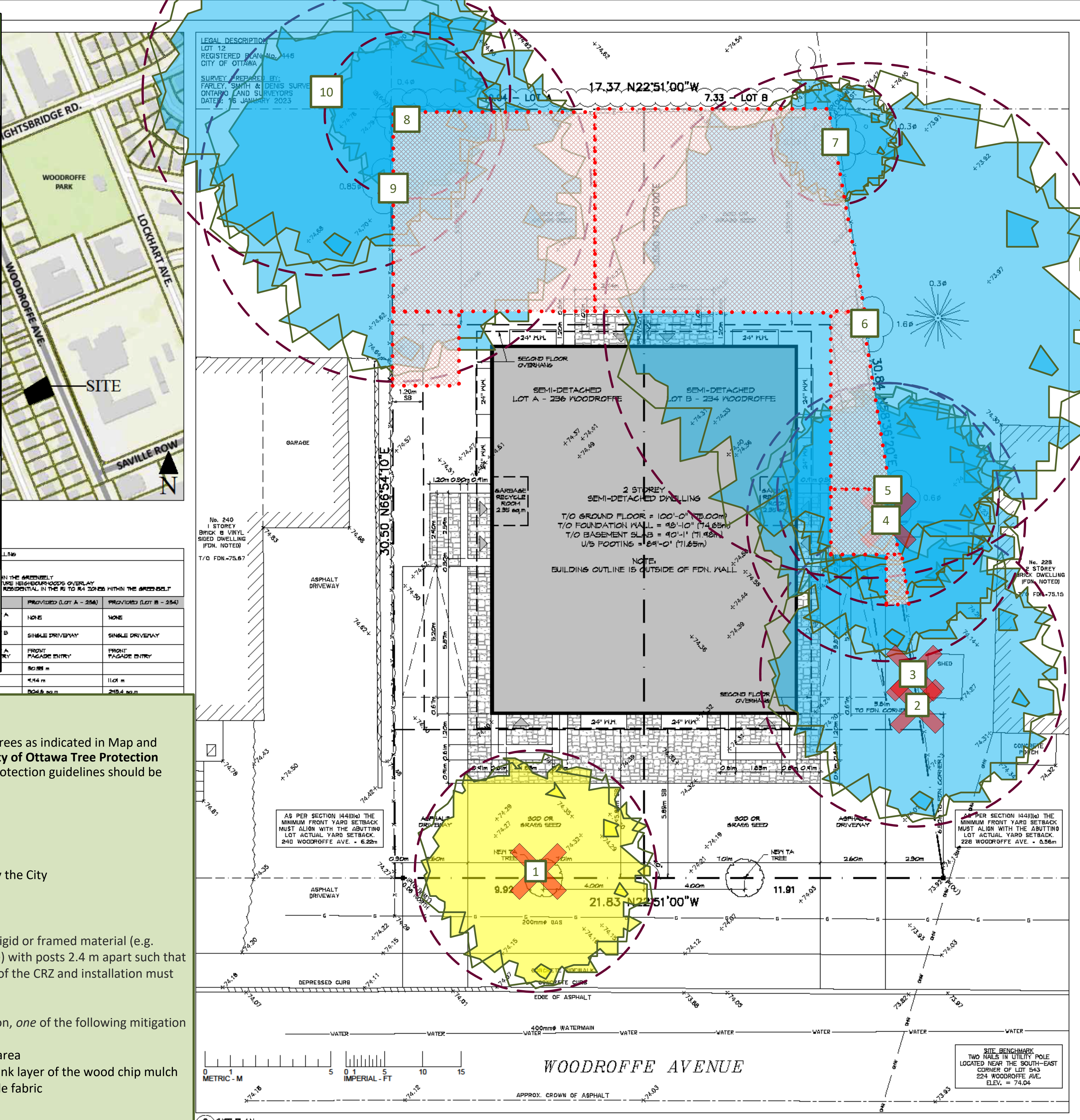
Prior to any site works, protective fencing should be installed around the trees as indicated in Map and maintained until all construction on site has been completed as per the **City of Ottawa Tree Protection Specifications (March 2021)**. Within the fenced area, the following tree protection guidelines 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) thick layer of the wood chip mulch
- Apply 4-6 inches (10 to 15 cm) of gravel over a taut, staked, geotextile fabric



IN THE APPLICABLE TYPE NEIGHBOURHOODS OVERLAY RESIDENTIAL IN THE R1 TO R4 ZONES WITHIN THE GREENBELT

	PROVIDED (LOT A - 236)	PROVIDED (LOT B - 234)
A	NONE	NONE
B	SINGLE DRIVEWAY	SINGLE DRIVEWAY
A, B	FRONT PACKAGE ENTRY	FRONT PACKAGE ENTRY

MINIMUM LOT WIDTH: 130 m  
MINIMUM LOT AREA (A & B): 2282 sq.m  
MINIMUM LOT WIDTH: 114 m  
MINIMUM LOT AREA (A & B): 2088 sq.m

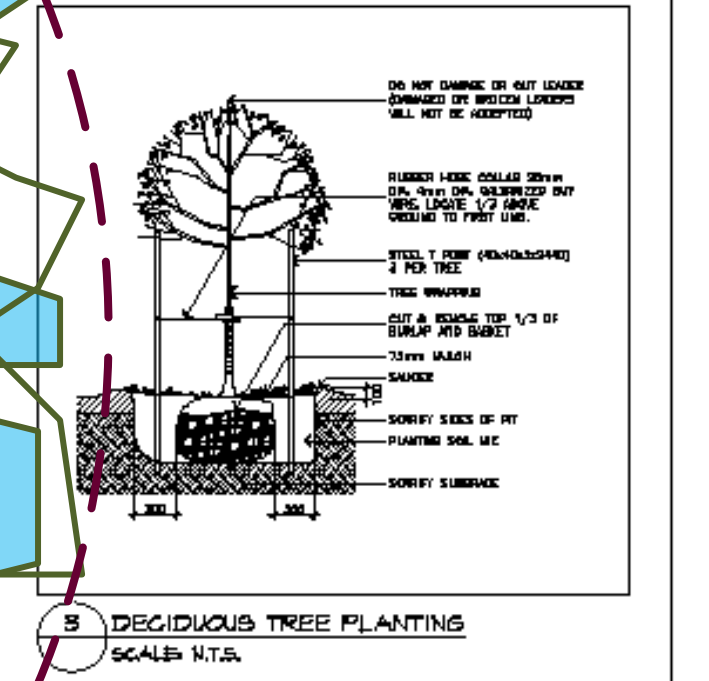
**P<sup>2</sup> concepts**  
739 RIDGEWOOD AVE., UNIT 201  
OTTAWA, ONTARIO, K1V 6M8

ALL CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE & TO REPORT ALL ERRORS AND/OR OMISSIONS TO THE ARCHITECT.

ALL CONTRACTORS MUST COMPLY WITH ALL CODES, BYLAWS & OTHER AUTHORITIES HAVING JURISDICTION OVER THE WORK.

ALL DIMENSIONS AND CONDITIONS TO BE VERIFIED ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALE.

DO NOT SCALE DRAWINGS.



NO.	REVISION	DATE
3	ISSUED FOR SEVERANCE	2023.02.08
2	ISSUED TO CONSULTANTS	2022.12.15
1	CLIENT DESIGN REVIEW	2022.11.30

SEAL: \_\_\_\_\_ NORTH: \_\_\_\_\_

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to design the work shown on the attached documents.

Qualification information  
Required unless design is exempt under Div. C-3.2.5.1. of the building code

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ BCIN: \_\_\_\_\_  
Registration information  
Required unless design is exempt under Div. C-3.2.4.1. of the building code

Firm: \_\_\_\_\_ Signature: \_\_\_\_\_ BCIN: \_\_\_\_\_

**WOODROFFE SEMI**  
234-236 WOODROFFE AVENUE  
OTTAWA, ONTARIO, K2A 3V4

DRAWING:  
LOCATION MAP & SITE PLAN  
ZONING INFORMATION  
BUILDING INFORMATION

DATE: NOVEMBER 2022 SHEET NO.: \_\_\_\_\_  
SCALE: AS NOTED  
DRAWN: PK  
CHECKED: PR  
JOB NO.: 0502

SP1

Note that 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 site 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 Information Report – 236 Woodroffe Avenue  
Tree layer prepared by Dendron Forestry Services  
Version 1.0, February 11, 2023  
For more information, please contact [info@dendronforestry.ca](mailto:info@dendronforestry.ca)

