



TREE CONSERVATION REPORT V4.0

6600 Rue Carrière

Tree Conservation Report prepared as Partial
Requirements for a Site Plan Control
Application, May 2, 2025

Dendron Forestry Services



Dendron Forestry Services

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Tree Conservation Report v4.0

Submitted as part of Site Plan Control Application

Address: 6600 Rue Carrière

Date of Report: May 2, 2025

Date of Site Visit: July 4, November 3, 2022 and Decemeber 16, 2024

Prepared by: Astrid Nielsen, MFC, RPF (Registered Professional Forester)
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Ottawa, Ontario, K1N 9K1

NOTE: This report is an update to the previous TCR prepared by Dendron Forestry Services dated January 15, 2025. It addresses the most recent City of Ottawa feedback received by Dendron on April 17, 2025.

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

Purpose of the Report

This Tree Conservation Report has been prepared for Jenny Lafrance from Provencher Roy, as partial requirements for the Site Plan Control Application submitted to the City of Ottawa. The objectives of this Tree Conservation 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 and what the recommended action is (retain and protect or remove)
- To provide recommendations on how to mitigate damage to retained trees during construction

Methodology

The following materials were reviewed as part of this report:

- Survey prepared by Annis, O'Sullivan, Vollebeck Ltd, dated Feb 5, 2020
- Site Servicing and grading and drainage Plan prepared by Jp2g Consultants, dated June 17, 2022



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- Paterson Group Geotechnical Investigation dated December 15, 2021
- Engineering plans prepared by Jp2g Consultants Inc, last updated Oct 28, 2022

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
- Relevant measurements such as distance to the existing structures like fences, driveways, etc

Other observations on the natural features were also noted and a scan for tree species at risk was completed.

Current Vegetation

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. These are identified on the Current Vegetation Map as part of this report. Protected trees include 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. This does not take into account infrastructure such as buildings and asphalt and it is assumed the tree has no restrictions on root growth.

Tree Inventory

Tree ¹	Species	Diameter at breast height (dbh)	Ownership ^{2,3}	Condition	Action and Recommendations
1	Colorado spruce (<i>Picea pungens</i>)	67 cm	Private	Fair; some dieback throughout crown	To be removed; in footprint of proposed building; Tree permit required
2	White pine (<i>Picea glauca</i>)	42, 42 cm	Private	Good; included bark at junction	To be removed; in footprint of proposed building; Tree permit required
3	Honey locust (<i>Gleditsia triacanthos</i>)	38 cm	Private	Good/fair, 10% crown dieback	To be removed; in footprint of proposed building; Tree permit required
4	Manitoba maple (<i>Acer negundo</i>)	10 cm sprouts	Private	Poor; old stump with sprouts	To be removed due to health; Tree permit required



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5	Cedar hedge (<i>Thuja occidentalis</i>)	5-15 cm	Private	Good/fair	Partial removal as shown on map, remaining section to be protected with fencing as per City of Ottawa Tree Protection Specifications (March 2021)
6	Austrian pine (<i>Pinus nigra</i>)	39 cm	Private	Fair; boring insect holes, heavy grapevine presence	Remove based on health and conflict with infrastructure
7	Cedar hedge (<i>Thuja occidentalis</i>)	5-10 cm	Private	Good/fair	Retain and protect with fencing as per City of Ottawa Tree Protection Specifications (March 2021)
8	Cedar (<i>Thuja occidentalis</i>)	51 cm (measured at 0.5 m)	Private	Fair: multiple stems, 5% lean	Remove; in footprint of proposed parking area; Tree permit required
9	Cedar (<i>Thuja occidentalis</i>)	21, 45, 22 cm	Private	Good/fair	Remove; in footprint of proposed parking area; Tree permit required
10	Cedar hedge (<i>Thuja occidentalis</i>)	5-15 cm	Private	Poor; unmaintained and shaded by adjacent tree	Remove; in footprint of proposed parking area; Tree permit required
11	Norway maple (<i>Acer platanoides</i>)	46 cm	Private	Good	Remove; in footprint of proposed parking area; Tree permit required
12	Red maple (<i>Acer rubrum</i>)	52 cm	Private	Good/fair; exposed roots, some root girdling beginning	Remove; in footprint of proposed parking area; Tree permit required
13	Crabapple (<i>Malus spp</i>)	7 cm	Private	Fair; recent loss of secondary stem and branch, split at old branch attachment wound	Retain and protect with fencing as per City of Ottawa Tree Protection Specifications (March 2021); may be relocated but no



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					permit required as under 10 cm
14	Trembling aspen (<i>Populus tremuloides</i>)	21 cm	Private	Good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
15	Eastern Cottonwood (<i>Populus deltoides</i>)	65 cm	Adjacent school property	Fair/good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
16	Eastern Cottonwood (<i>Populus deltoides</i>)	97 cm	Adjacent school property	Fair/good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
17 ⁴	Poplars (<i>Populus spp.</i>)	20-40 cm (20-25 trees in total)	Adjacent school property	Fair – good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
18 ⁴	Eastern Cottonwood (<i>Populus deltoides</i>)	52, 44 cm	Adjacent school property	Fair - good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
19 ⁴	Row of red maples (<i>Acer rubrum</i>)	10-30 cm	Adjacent school property; set back 1-2 m from property line	Fair - good	Retain; no action needed as far enough from proposed construction
20 ⁴	Large tooth aspen (<i>Populus grandidentata</i>)	54 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure



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21 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	46 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
22 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	40 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
23 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	51 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
24 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	42 cm	Jointly owned with school	Good	Remove due to proximity to new building and conflict with the new transformer to be installed within 2 m of the tree
25 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	46 cm	Jointly owned with school	Good/fair; large branch hanging over subject property	Remove due to proximity to new building and conflict with the new transformer to be installed within 2 m of the tree
26 ⁴	Large tooth aspen (<i>Populus gandidentata</i>)	50 cm	Jointly owned with school	Remove	Remove due to proximity of the tree to the new building (appr 9.5 m)
27 ⁴	Red maple (<i>Acer rubrum</i>)	26,25,15,23 cm	Adjacent school property	Good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)

¹ Please refer to the enclosed Tree Conservation Report map for tree numbers. Note that this map includes a tree layer added to the survey and grading plan (in pdf format) provided by the client. This layer includes only information about the trees and the original plans have not altered in this process.



²Ownership 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.

³Trees on adjacent properties may 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.

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

The school property to the east and south of the subject site is lined with trees, mostly poplar and red maple. The larger poplars are eastern cottonwood (*Populus deltoides*) whereas there is a healthy understory of trembling aspen (*Populus tremuloides*). Along the east side, it is mostly poplar, with one small red oak and a few dead ash trees. Along the rear (south) end of the property, there is a row of eastern cottonwood closest to the property line with red maple (*Acer rubum*) dominating the row behind.

There were no tree species at risk identified on the site.

Proposed Development and Conserved Vegetation

The Geotechnical Report prepared by Paterson Group on December 15, 2021, identified the presence of sensitive silty clay on the site. This soil is common in Ottawa and can cause foundational issues if trees are planted too close to structures. Trees, especially high-water demanding species, can deplete water from the soil which may cause shrinkage and shifting of foundations. The new building will be approximately 2 m from the eastern property line where there is an 8-10 m wide row of poplar trees. Poplar trees are fast growing and are high water demanding trees. The recommendation from the report is to provide a setback of 7.5 m from the foundation for smaller trees. For medium to larger trees, the setback should be equivalent to the tree height at maturity. Since these poplars can grow 25-30 m high at maturity, they are closer than the recommended setback distance.

As per the recommendations of the geotechnical report regarding maximum tree heights and distances to the building, the row of poplars should be removed to reduce the risk of future foundation issues. In addition to this, the excavation for the new building will be close to the property line which would likely cause some instability of some of the large trees close to the property line on the school side.

The trees along the south side (trees 18, 24-27) will also be within a tree height of the foundation and require removal. All these trees are within a distance that is less than their current height from the proposed building. Furthermore, there is a transformer to be installed within 2 m of trees 24 and 25. In earlier report iterations, the option of retaining trees 24-26 was explored. The theory was that perhaps the hard surface of the new loading ramp would provide a sufficient barrier to alleviate any concerns around the potential for soil shrinkage by these trees. However, the responses to this question received by the Paterson group memorandum dated April 29, 2025, do not support this concept and, therefore, removal of these trees is now recommended. The option to relocate the transformer was also explored but no longer being considered given the concern around the potential for soil shrinkage.



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The row of poplars to the south (trees 20 – 23) will be less than 2 m from the new parking area. The excavation for the proposed parking lot will impact the roots of these trees and may contribute to instability, and removal and replacement is the preferred option in this area.

The remaining trees on the subject site are in direct conflict with the proposed building and parking lot footprint. The exception to this is 13 (see Proposed Development and Conserved Vegetation map) as well as the cedar hedges identified as 5 and 7. These trees should be protected during all site works with protective fencing as indicated in the 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

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.

Tree Planting Recommendation

Tree planting along the eastern and southeast corner should follow the recommendations from the Geotechnical report such that only small trees and shrubs are planted that reach no higher than 7.5 m at maturity. Larger trees should only be planted at a distance that is equal to or greater than their



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maximum height at maturity. The replacement trees that are planted on the school property should be native to the Ottawa region.

The undersigned personally inspected the property and issues associated with this report on July 4, November 3, 2022 and Decemeber 16, 2024. On Behalf of Dendron Forestry Services,



Astrid Nielsen, MFC, RPF (Registered Professional Forester)

ISA Certified Arborist®, ON-1976

ISA Tree Risk Assessment Qualified

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Figure 1: Cedar hedge along the western property line



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Figure 2: Poplar trees along the eastern property line



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Figure 3: Poplars and red maples along the southern property line



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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



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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 June 28, 2022, 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.

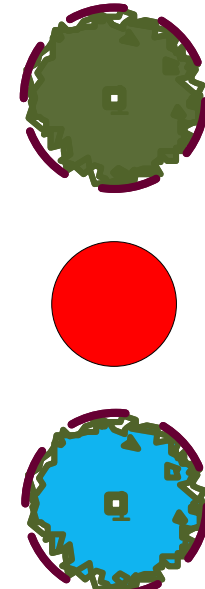
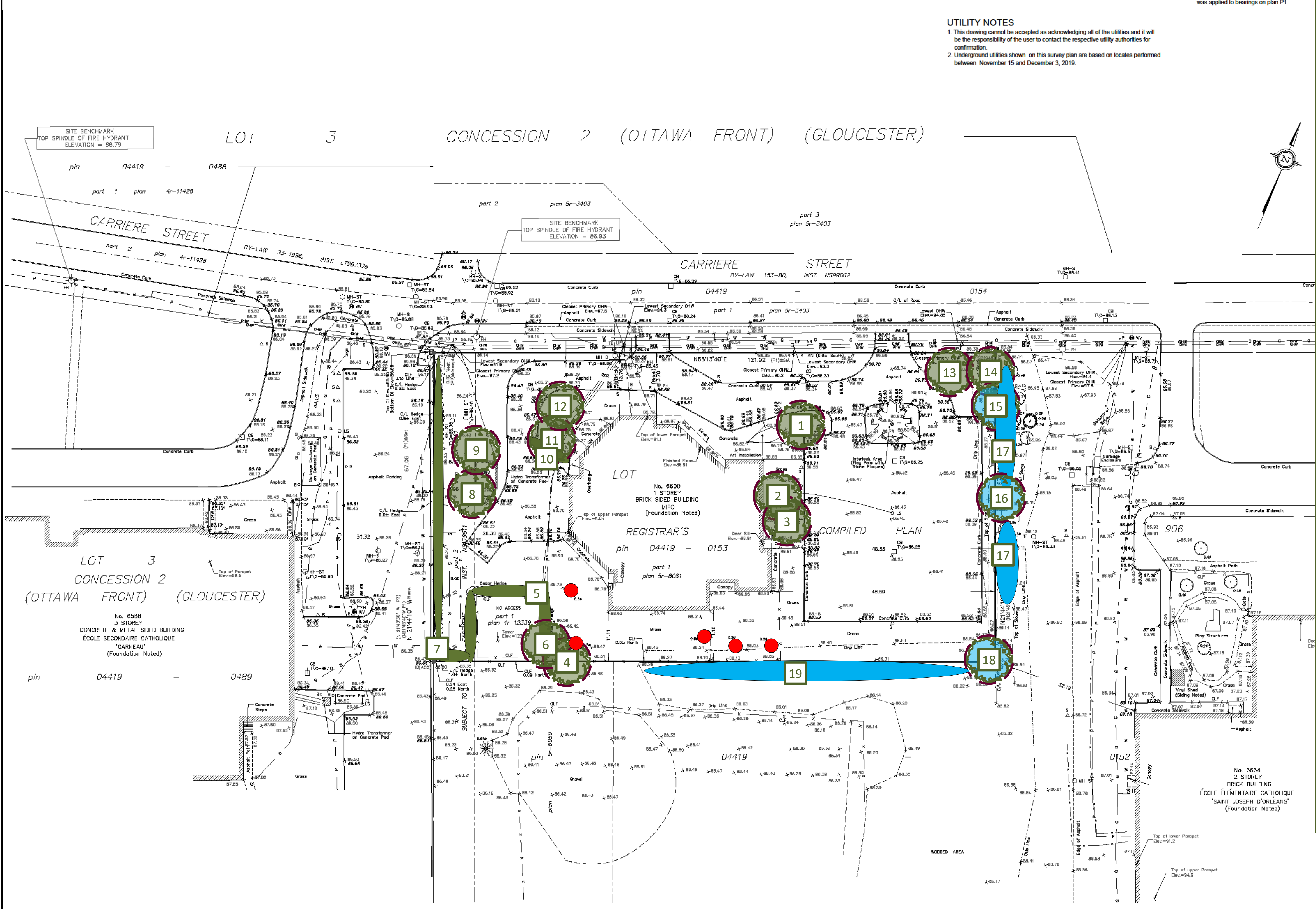
Notwithstanding any of the above, nothing in this Report is taken to absolve the Client of the responsibility of obtaining a new Report in the event that the circumstances of the tree change.

ELEVATION NOTES
1. Elevations shown are geodetic and are referred to the CGVD28 geodetic datum.
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

UTILITY NOTES
1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Underground utilities shown on this survey plan are based on locates performed between November 15 and December 3, 2019.

Bearings are grid and are referred to the Cont. Zone 9 (76°30' West Longitude) NAD-83 (only).
For bearing comparisons, a rotation of 0°35'30" was applied to bearings on plan P3.
For bearing comparisons, a rotation of 0°00'40" was applied to bearings on plan P1.

Tree ¹	Species	Diameter at breast height (dbh)
1	Colorado spruce (<i>Picea pungens</i>)	67 cm
2	White pine (<i>Picea glauca</i>)	42, 42 cm
3	Honey locust (<i>Gleditsia triacanthos</i>)	38 cm
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18 ⁴	Eastern Cottonwood (<i>Populus deltoides</i>)	52, 44 cm
19 ⁴	Row of eastern Cottonwood (<i>Populus deltoides</i>) in front and red maples (<i>Acer rubrum</i>) in the back	27-52 cm



Private Tree

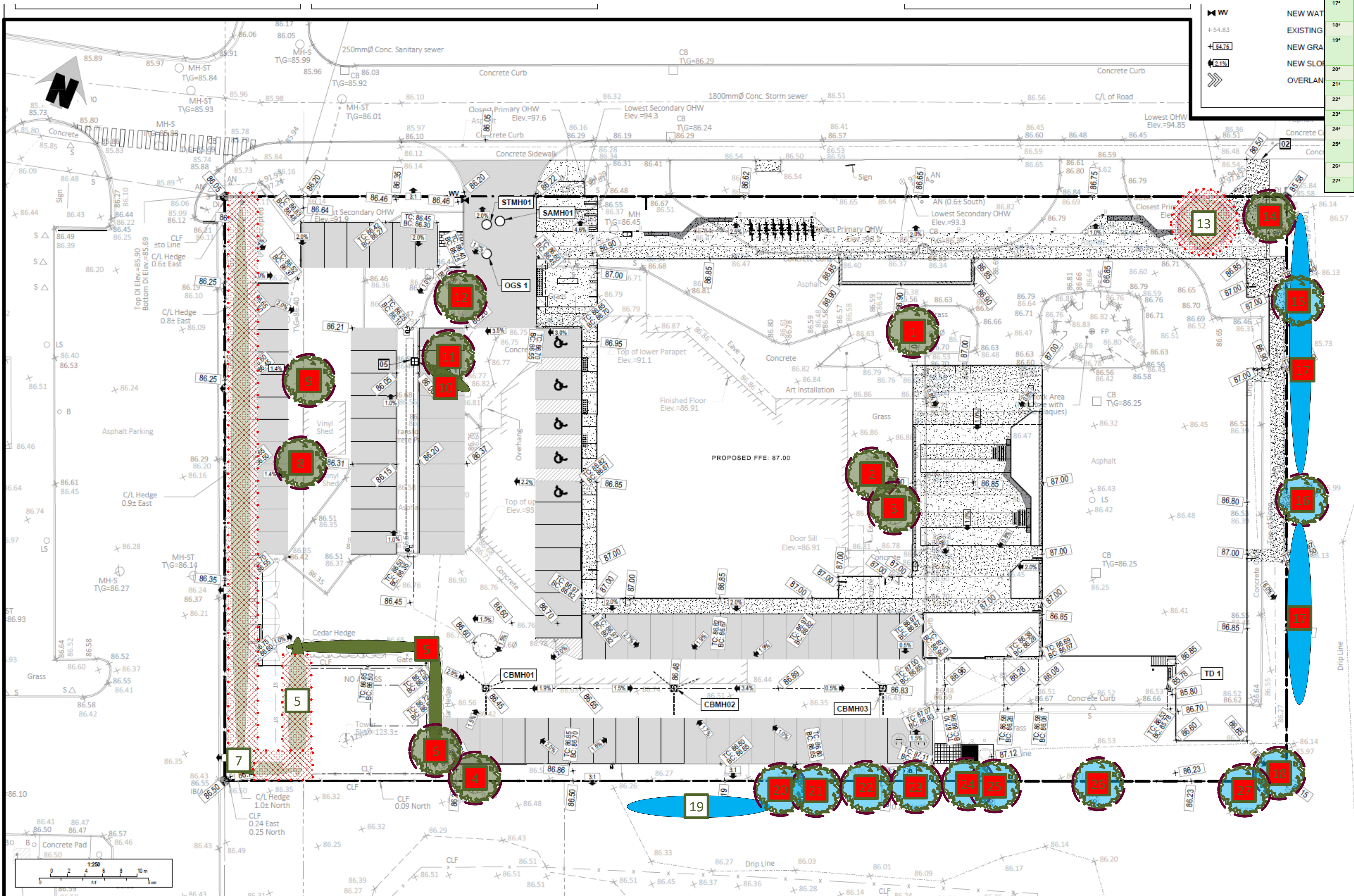
Tree previously removed – only stump remaining

Tree either fully or partly on adjacent property

Note that the tree layer has been added to the original survey plan supplied by the client in pdf format. This layer refers to the trees only, and the original survey plan has not been altered in the process.



Tree Conservation Report – 6600 Rue Carriere
Current Vegetation
Tree layer prepared by Dendron Forestry Services
Version 1.0, July 28, 2022
For more information, please contact info@dendronforestry.ca



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8	Cedar (<i>Thuja occidentalis</i>)	51 cm (measured at 0.5 m)	Private	Fair; multiple stems, 5% lean	Remove; in footprint of proposed parking area; Tree permit required
9	Cedar (<i>Thuja occidentalis</i>)	21, 45, 22 cm	Private	Good; fair	Remove; in footprint of proposed parking area; Tree permit required
10	Cedar hedge (<i>Thuja occidentalis</i>)	5-15 cm	Private	Poor; unmaintained and shaded by adjacent tree	Remove; in footprint of proposed parking area; Tree permit required
11	Norway maple (<i>Acer platanoides</i>)	46 cm	Private	Good	Remove; in footprint of proposed parking area; Tree permit required
12	Red maple (<i>Acer rubrum</i>)	52 cm	Private	Good; fair; exposed roots, some root grinding beginning	Remove; in footprint of proposed parking area; Tree permit required
13	Crabapple (<i>Malus spp</i>)	7 cm	Private	Fair; recent loss of secondary stem and branch, split at old branch attachment wound	Retain and protect with fencing as per City of Ottawa Tree Protection Specifications (March 2021); may be relocated but no permit required as under 10 cm
14	Trembling aspen (<i>Populus tremuloides</i>)	21 cm	Private	Good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
15	Eastern Cottonwood (<i>Populus deltoides</i>)	65 cm	Adjacent school property	Fair/good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
16	Eastern Cottonwood (<i>Populus deltoides</i>)	97 cm	Adjacent school property	Fair/good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
17	Poplars (<i>Populus spp.</i>)	20-40 cm (20-25 trees in total)	Adjacent school property	Fair - good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
18	Eastern Cottonwood (<i>Populus deltoides</i>)	52, 44 cm	Adjacent school property	Fair - good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)
19	Row of red maples (<i>Acer rubrum</i>)	10-30 cm	Adjacent school property	Fair - good	Retain; no action needed as far enough from proposed construction
20	Large tooth aspen (<i>Populus grandidentata</i>)	54 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
21	Large tooth aspen (<i>Populus grandidentata</i>)	46 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
22	Large tooth aspen (<i>Populus grandidentata</i>)	40 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
23	Large tooth aspen (<i>Populus grandidentata</i>)	51 cm	Adjacent school property	Good	Remove based on proximity (less than 2 m) to new parking lot which will damage roots increasing risk of failure
24	Large tooth aspen (<i>Populus grandidentata</i>)	42 cm	Jointly owned with school	Good	Remove due to proximity to new building and conflict with the new transfer to be installed within 2 m of the tree
25	Large tooth aspen (<i>Populus grandidentata</i>)	46 cm	Jointly owned with school	Good; fair; large branch hanging over subject property	Remove due to proximity to new building and conflict with the new transfer to be installed within 2 m of the tree
26	Large tooth aspen (<i>Populus grandidentata</i>)	50 cm	Jointly owned with school	Remove	Remove due to proximity of the tree to the new building (approx 9.5 m)
27	Red maple (<i>Acer rubrum</i>)	26.25, 15.23 cm	Adjacent school property	Good	Remove due to proximity of new building and sensitive marine clay soils (see report for more details)

Tree Protection Fencing

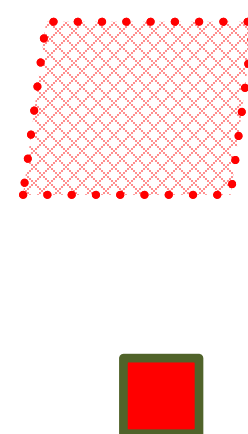
Prior to any site works, protective fencing should be installed around the trees as indicated in Map and maintained until all construction on site has been completed as per the **City of Ottawa Tree Protection Specifications (March 2021)**. Within the fenced area, the following tree protection guidelines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



Recommended Tree Protection Fencing Area

Private Tree

Tree to be removed

Tree either fully or partly on adjacent property

Note that the tree layer has been added to the original grading plan supplied by the client in pdf format. This layer refers to the trees only, and the original grading plan has not been altered in the process.
Details on the grading plan were lost when the pdf was imported, see original plan for details on grading and servicing.
The locations of trees 14-26 were estimated using the survey plan



Tree Conservation Report – 6600 Rue Carriere
Proposed Development and Conserved Vegetation
Tree layer prepared by Dendron Forestry Services
Version 4.0, May 2, 2025
For more information, please contact info@dendronforestry.ca