



TREE CONSERVATION REPORT V2.0

1657 Carling Avenue

Tree Conservation Report submitted as Partial
Requirements for a Zoning Bylaw Amendment
Application, May 30, 2024

Dendron Forestry Services



Dendron Forestry Services

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613.805.WOOD (9663)

info@dendronforestry.ca

Tree Conservation Report

Submitted as part of Zoning Bylaw Amendment Application

Address: 1657 Carling Avenue
Date of Report: May 30, 2024
Date of Site Visit: May 9, 2023
Prepared by: Kevin Myers, ISA Certified Arborist ®
Client: Jordan R. Bianconi - Inside Edge Properties; jbianconi@ieproperties.com

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

Purpose of the Report

This Tree Conservation Report has been prepared for Jordan Bianconi from Inside Edge Properties, as partial requirements for the Zoning Bylaw Amendment 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:

- Site plan by Project 1 Studio Inc., dated May 29, 2024
- Registered Plan 492 by Stantec Geomatics Ltd., dated May 2, 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
- Relevant measurements such as distance to the existing structures like fences, driveways, etc



Current Vegetation

This site is currently occupied by a parking lot and a commercial building. The existing trees are limited to the edges of the property, and many of these were likely not planted. The growing conditions for trees are far from ideal, as the site is almost entirely paved, and the majority of the trees are showing signs of stress. The fence lines surrounding the property are also being overgrown by Common buckthorn (*Rhamnus cathartica*) – a highly invasive plant in Ontario.

Appendix A is an inventory of all trees that are protected under City of Ottawa Tree Protection (By-law No. 2020-340) on the site. 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. This does not take into account infrastructure such as buildings and asphalt and it assumed the tree has no restrictions on root growth.

Proposed Development and Conserved Vegetation

Trees 1-5 are far enough that impacts from construction will be lessened, however it is expected the CRZs will be affected by construction. Fencing should be erected as described below.

Trees 6-8, 16, 18 and 19 are in poor health and are not expected to endure the impacts of construction. Attempting to retain these trees during intense construction activities will not only be operationally difficult but could lead to safety issues.

Tree 9 and 10 are on adjacent property and are protected by an existing fence, which is expected to be left in place during construction. This fence should provide sufficient protection for these trees as they are smaller and set back from the property line.

Tree 11-15 are likely self-seeded Manitoba maples (*Acer negundo*) growing along the fence line between the subject property and 390 Tillbury. These trees are not in good health and have not been maintained. It is expected that excavation for this build will be extensive and come near this property line. This is likely to sever large portions of the trees' CRZs, potentially leading to tree destabilization and safety issues. What is more, several of the trees are growing around the fence and have poor future growth potential as they stand.

Update for version 2.0: This report updates the previous version, dated August 8, 2023, with a new site plan provided by the client. No recommendations have changed as a result of this update.



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Tree Protection Area (TPA)

Prior to any site works, protective fencing should be installed around the TPA 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 fencing around the TPA 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 Planting Recommendations

While canopy loss at this site will not be significant, every opportunity should be taken to plant native trees where possible. The following are suggested locations for planting with some recommended species:

- The proposed amenity space provides room for several large stature trees to be grown. Species suggestions include:
 - White oak (*Quercus alba*)
 - Red oak (*Quercus rubra*)
 - Bur oak (*Quercus macrocarpa*)
 - Basswood (*Tilia americana*)
 - Turkish hazel (*Corylus colurna*)
 - Hackberry (*Celtis occidentalis*)
 - Sugar maple (*Acer saccharum*)
 - Red maple (*Acer rubrum*)



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- Planting the widest variety of species possible is always preferred.
- Similarly, the strip of soft landscaping between the proposed path and approach from Tillbury Avenue provides space for large trees. These trees will also help reduce local temperatures by shading the proposed asphalt. See species suggestions above.
- Planting trees in front of the building along Carling will increase public canopy and provide many benefits. For best success, the trees should be planted with as much open soil exposed as possible, with either curbs or companion plantings protecting the roots of the trees. Species suggestions include:
 - Honey locust (*Gleditsia triacanthos*)
 - Little leaf linden (*Tilia cordata*)
 - Prospector elm (*Ulmus davidiana* var. 'Prospector')
 - Kentucky coffee tree (*Gymnocladus dioica*)
- There is also an opportunity for planting trees along the property line shared with 390 Tillbury. They should be as large as engineering standards will allow – species suggestions are as in the first list.

Wildlife Impact

The changes to this site are expected to have very little wildlife impact as it is currently a highly developed area.

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 May 9, 2023. On Behalf of Dendron Forestry Services,

Kevin Myers, MFC, R.P.F. in Training

ISA Certified Arborist®, ON-2907A

kevin.myers@dendronforestry.ca; (514) 726-8531



APPENDIX A – TREE INVENTORY

Tree ¹	Species	Diameter at breast height (cm)	Ownership ^{2,3}	Condition	Forester recommended action
1	Honey Locust (<i>Gleditsia triacanthos</i>)	29	City	Good	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
2	Manitoba maple (<i>Acer negundo</i>)	25, 19	City	Fair: crack at union of stems; significant lean towards road	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
3	Willow spp. (<i>Salix sp.</i>)	35, 45, 42	City	Fair: large stems fusing – poor form; lean towards road; old wounds sealing slowly	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
4 ⁴	Colorado spruce (<i>Picea pungens</i>)	23	Adjacent – 1677 Carling	Fair/Poor: suppressed by Tree 3	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
5 ⁴	Colorado spruce (<i>Picea pungens</i>)	27	Adjacent – 1677 Carling	Fair/Poor: central leader is dead	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
6	Siberian elm (<i>Ulmus pumila</i>)	35 (estimate)	Boundary – 1677 Carling	Poor: only one branch with growth	Remove due to health status.
7 ⁴	Manitoba maple (<i>A. negundo</i>)	15, 15	Boundary – 376 Tillbury	Poor: old wounds have decay – tree nearly dead	Remove due to health status.
8	Red maple (<i>Acer rubrum</i>)	61	Subject property	Poor: significant dieback; ants in stem; old wounds not sealing – decay	Remove due to health status.



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				present; roots cut long ago for parking lot	
9 ⁴	Eastern white cedar (<i>Thuja occidentalis</i>)	15	Adjacent – 376 Tillbury	Fair: being girdled by wire; suppressed by Tree 8	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
10 ⁴	Eastern white cedar (<i>Thuja occidentalis</i>)	12	Adjacent – 390 Tillbury	Fair: suppressed by Tree 8	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
11 ⁴	Manitoba maple (<i>A. negundo</i>)	12	Boundary – 390 Tillbury	Fair: growing around fence	Remove due to health status, poor growing location and impacts from construction.
12 ⁴	Manitoba maple (<i>A. negundo</i>)	10	Boundary – 390 Tillbury	Fair: lean	Remove due to health status, poor growing location and impacts from construction.
13 ⁴	Manitoba maple (<i>A. negundo</i>)	21	Boundary – 390 Tillbury	Fair	Remove due to health status, poor growing location and impacts from construction.
14 ⁴	Manitoba maple (<i>A. negundo</i>)	20, 20, 15, 13	Boundary – 390 Tillbury	Fair: growing on fence; poor form	Remove due to health status, poor growing location and impacts from construction.
15 ⁴	Manitoba maple (<i>A. negundo</i>)	14, 8, 11	Subject property	Fair/Good: very close to house and fence	Remove due to health status, poor growing location and impacts from construction.
16	Silver maple (<i>Acer saccharinum</i>)	45	Subject property	Fair: minor broken branch; some dieback in crown; very poor growing location	Remove due to health status and impacts from construction.
17 ⁴	Manitoba maple (<i>A. negundo</i>)	9, 12, 5	Subject property	Fair: growing on fence	Remove due to poor growing location (removal of fence to create amenity space will necessitate removal of the tree)



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18 ⁴	Ash spp. (<i>Fraxinus</i> spp.)	11	Subject property	Poor	Remove due to health status and growing location
19 ⁴	Siberian elm (<i>U. pumila</i>)	12, 14	Subject property	Poor: growing from under deck, out of concrete	Remove due to health status and growing location
20	Red maple (<i>A. rubrum</i>)	13	City	Good	Remove due to plans

¹ Please refer to the enclosed Tree Conservation Report map for tree numbers. Note that this map 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.

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 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.

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



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APPENDIX B - PHOTOS



Figure 1 – (left to right) Tree 3: City willow, Tree 2: City Manitoba maple, Tree 1: City honey locust, Tree 4 and 5: adjacent Colorado spruces



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Figure 2 - (left) Tree 16: private maple (right) Tree 6: boundary elm



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Figure 3 – (Above) Tree 8: Private maple

(Right) base of Tree 8





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Figure 4 - Tree 20: City maple.



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Figure 5 - Trees 11-14: Manitoba maples growing along the fence



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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.



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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 May 6, 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.

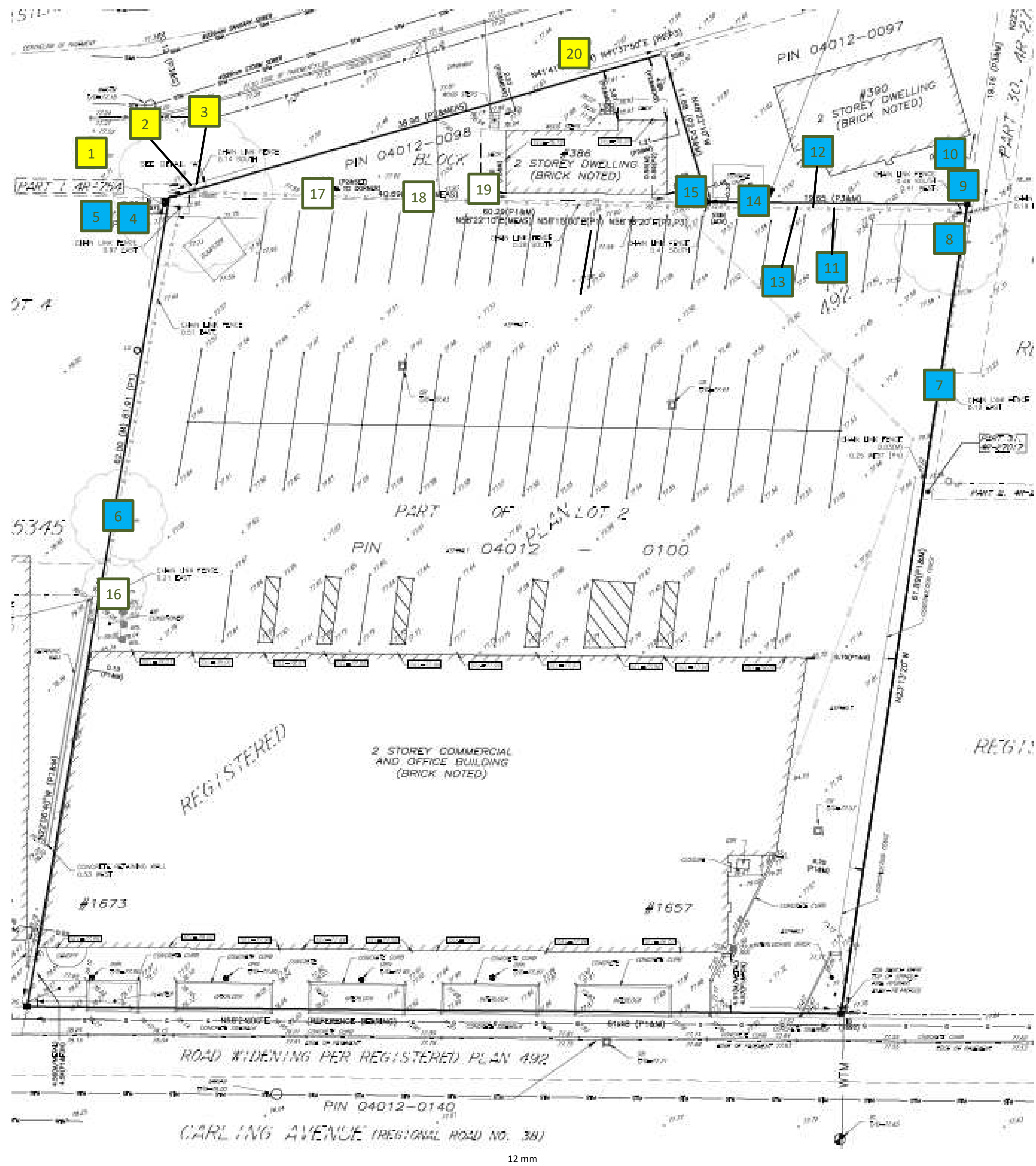
No Third Party Liability

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.

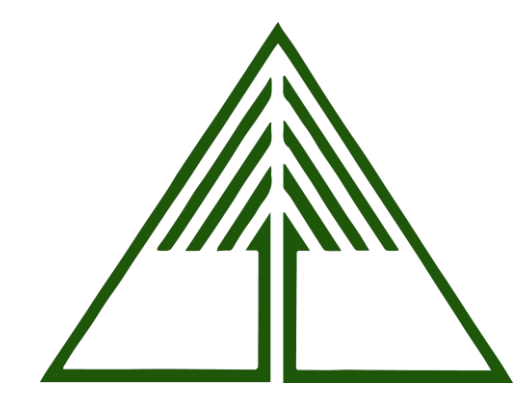


Legend

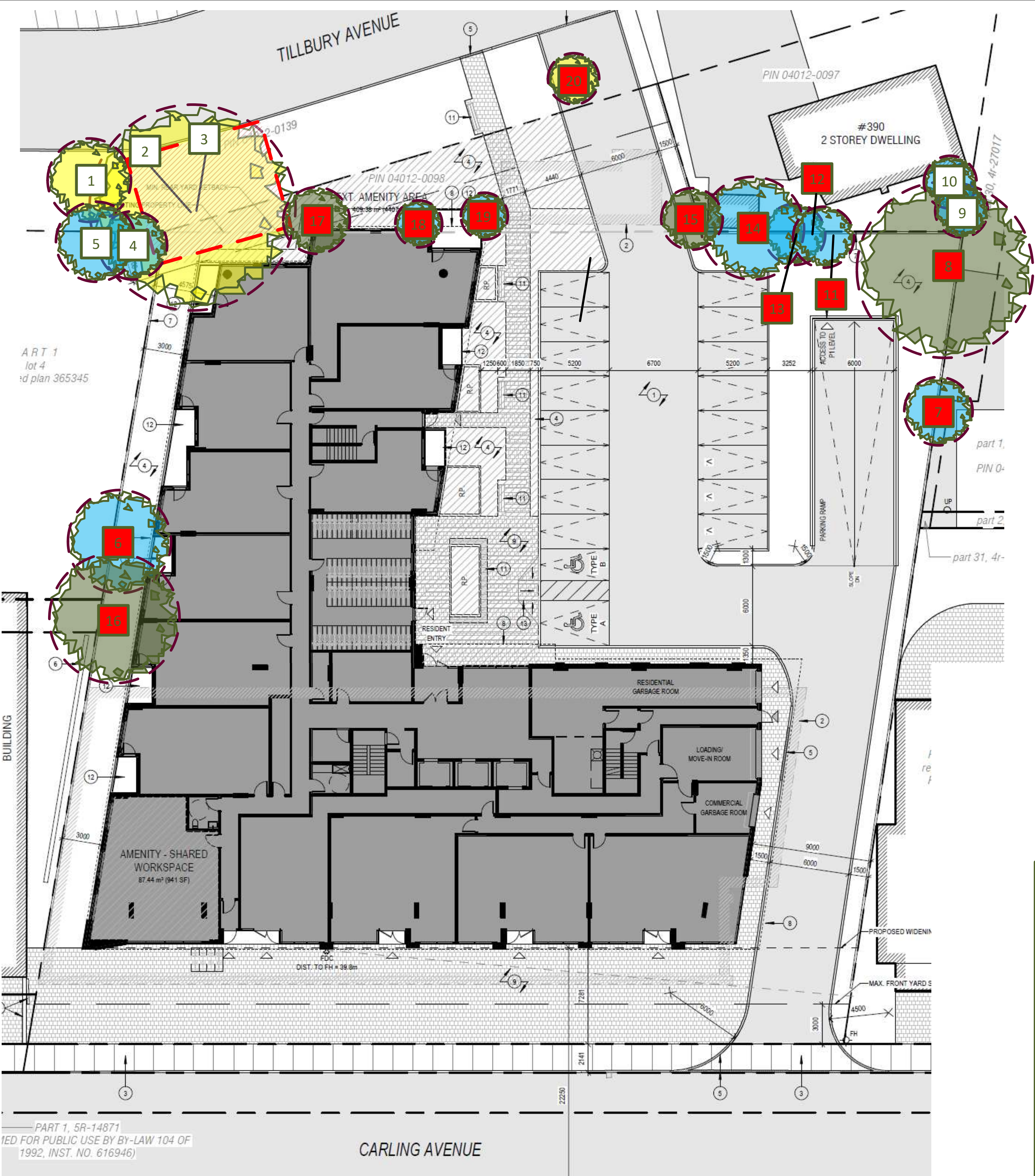
- Tree either fully or partly on adjacent property
- Tree either fully or partly on city property
- Private Tree

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





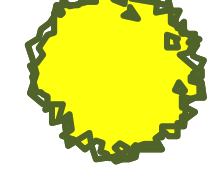

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4 ⁴	Colorado spruce (<i>Picea pungens</i>)	23	Adjacent – 1677 Carling	Fair/Poor: suppressed by Tree 3
5 ⁴	Colorado spruce (<i>Picea pungens</i>)	27	Adjacent – 1677 Carling	Fair/Poor: central leader is dead
6	Siberian elm (<i>Ulmus pumila</i>)	35 (estimate)	Boundary – 1677 Carling	Poor: only one branch with growth
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8	Red maple (<i>Acer rubrum</i>)	61	Subject property	Poor: significant dieback; ants in stem; old wounds not sealing – decay present; roots cut long ago for parking lot
9 ⁴	Easter white cedar (<i>Thuja occidentalis</i>)	15	Adjacent – 376 Tillbury	Fair: being girdled by wire; suppressed by Tree 8
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16	Silver maple (<i>Acer saccharinum</i>)	45	Subject property	Fair: minor broken branch; some dieback in crown; very poor growing location
17 ⁴	Manitoba maple (<i>A. negundo</i>)	9, 12, 5	Subject property	Fair: growing on fence
18 ⁴	Ash spp. (<i>Fraxinus spp.</i>)	11	Subject property	Poor
19 ⁴	Siberian elm (<i>U. pumila</i>)	12, 14	Subject property	Poor: growing from under deck, out of concrete
20	Red maple (<i>A. rubrum</i>)	13	City	Good



Tree Conservation Report – 1657 Carling Avenue
Map 1, Existing Conditions
Tree layer prepared by Dendron Forestry Services, May 15, 2023
For more information, please contact info@dendronforestry.ca



Legend

-  Critical Root Zone
-  Tree to be removed
-  Tree Protection Area
-  Private Tree
-  Tree either fully or partly on city property
-  Tree either fully or partly on adjacent property

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 grading plan has not been altered in the process. Refer to the original plan for details on grading as quality is lost when importing the plan into the mapping software used to create the tree layer.

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10 ⁴	Easter white cedar (<i>Thuja occidentalis</i>)	12	Fair: suppressed by Tree 8	Retain and protect as per the City of Ottawa Tree Protection Specifications (March 2021)
11 ⁴	Manitoba maple (<i>A. negundo</i>)	12	Fair: growing around fence	Remove due to health status, poor growing location and impacts from construction.
12 ⁴	Manitoba maple (<i>A. negundo</i>)	10	Fair: lean	Remove due to health status, poor growing location and impacts from construction.
13 ⁴	Manitoba maple (<i>A. negundo</i>)	21	Fair	Remove due to health status, poor growing location and impacts from construction.
14 ⁴	Manitoba maple (<i>A. negundo</i>)	20, 20, 15, 13	Fair: growing on fence; poor form	Remove due to health status, poor growing location and impacts from construction.
15 ⁴	Manitoba maple (<i>A. negundo</i>)	14, 8, 11	Fair/Good: very close to house and fence	Remove due to health status, poor growing location and impacts from construction.
16	Silver maple (<i>Acer saccharinum</i>)	45	Fair: minor broken branch; some dieback in crown; very poor growing location	Remove due to health status and impacts from construction.
17 ⁴	Manitoba maple (<i>A. negundo</i>)	9, 12, 5	Fair: growing on fence	Remove due to poor growing location (removal of fence to create amenity space will necessitate removal of the tree)
18 ⁴	Ash spp. (<i>Fraxinus</i> spp.)	11	Poor	Remove due to health status and growing location
19 ⁴	Siberian elm (<i>U. pumila</i>)	12, 14	Poor: growing from under deck, out of concrete	Remove due to health status and growing location
20	Red maple (<i>A. rubrum</i>)	13	Good	Remove due to plans

Tree Protection Area (TPA)

Prior to any site works, protective fencing should be installed around the TPA 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). **Failure to install and maintain the indicated fencing may result in fines from the City.**

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 Conservation Report – 1657 Carling Avenue
Tree layer prepared by Dendron Forestry Services
Version 2.0, May 30, 2023
For more information, please contact info@dendronforestry.ca