



Dendron Forestry Services

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Tree Information Report v2.0

Submitted as part of Building Permit Application for the City of Ottawa

Address: 8 McLeod/112 Queen Street

Date: October 1, 2021

Prepared by: Astrid Nielsen, RPF, ISA Certified Arborist®
131 Smirle Ave, Ottawa, K1Y 0S4
Astrid.nielsen@dendronforestry.ca

Committee of Adjustment
Received | Reçu le

2024-03-18

City of Ottawa | Ville d'Ottawa
Comité de dérogation

Prepared for: Todd Duckworth, Hobin Architecture Incorporated, tduckworth@hobinarc.com

Site Visit: May 1, and October 1, 2021

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 it assumed the tree has no restrictions on root growth.

Tree ¹	Species	Diameter at breast height (cm)	Ownership ^{2,3}	Condition	Action	Arborist Recommendations
1	Silver maple (<i>Acer saccharinum</i>)	104 cm	City – in front of adjacent property at 34 McLeod	Good; mature silver maple slowing in growth, but no significant defects	Retain and protect	Use permeable material for driveway, apply root mitigations as described in report
2	White oak (<i>Quercus alba</i>), possibly English oak	57 cm	National Capital Commission	Fair; has been pollarded in the past, significant crown dieback apparent during second site visit on October 1 st	Retain and protect	Area required for patio installation will be hydrovaced ahead of excavation along with manual root cutting

¹ Please refer to the attached site plan for tree numbers. Note that the Tree Information 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 grading 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 neighbouring property owner is required for removal as part of the application.



There is a large, city-owned silver maple in front of the adjacent property at 34 Macleod street that has an extensive root system, and there is a possibility that some of extends under the current driveway at 8 McLeod. When this driveway is resurfaced as part of the new development, a certified arborist will be onsite to apply the following mitigations:

- Avoid tearing/damaging the roots when removing asphalt. Certified arborist should carefully cut any roots, if necessary.
- Roots should not be left exposed and be covered with soil as quickly as possible, or temporarily with a moist, organic material such as mulch and/or burlap
- Use of permeable material for the driveway to increase water availability to the trees

The oak on the NCC property along Queen Elizabeth Drive is on the other side of the sidewalk, and the new patio will be built within the critical root zone of this tree. The tree is 1.8 m from the sidewalk and the new patio will be at 4.2 m from the tree (the critical root zone is 5.7 m). The installation of this new patio will require the removal of the topsoil, possibly resulting in the loss of some roots. To mitigate damage to the roots, a hydrovac machine will be used to expose the roots first so they can be pruned back with a clean cut. Covering the exposed roots up as quickly as possible will also be critical to avoid desiccation.

Prior to any site works, the following protective fencing should be installed around tree 2 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 (April 2019)**. Within the fenced area, the following tree protection guidelines should be applied:

- Do not change the grade
- Do not place store construction material of site “furniture” such as outhouses
- 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.

The undersigned personally inspected the property and issues associated with this report on May 1, and October 1, 2021. 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



Figure 1: Tree 1, city owned silver maple in front of adjacent property



Figure 2: Tree 2, white oak along the QED



Figure 3: Tree 2, white oak, during leaf on conditions showing the crown dieback



Intended Use of the Report

This Information Report was carried out by Dendron Forestry Services (hereafter Dendron) at the request of the Client. The information, interpretation and analysis contained within this Report is to be used solely for the purposes outlined within this Report. This Report is for the exclusive use of the Client.

Limitations of this Report

This Report is based on the circumstances and observations as they existed at the time of the site inspection of the Client's Property and the trees situated thereon by Dendron and upon information provided by the Client to Dendron. The opinions in this Report are given based on observations made and using generally accepted professional judgment, however, because trees and plants are living organisms and subject to change, damage and disease, the results, observations, recommendations, and analysis as set out in this Report are valid only as at the date any such testing, observations and analysis took place and no guarantee, warranty, representation or opinion is offered or made by Dendron as to the length of the validity of the results, observations, recommendations and analysis contained within this Report. As a result the Client shall not rely upon this Report, save and except for representing the circumstances and observations, analysis and recommendations that were made as at the date of such inspections. It is recommended that the trees discussed in this Report should be re-assessed periodically.

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.

Dendron accepts no responsibility for the implementation of all or any part of the Report, unless specifically requested to examine the implementation of such activities recommended herein. In the event that inspection or supervision of all or part of the implementation is requested, that request shall be in writing and the details agreed to in writing by both parties.

Assumptions

The Client is hereby notified and does hereby acknowledge and agree that where any of the facts and information set out and referenced in this Report are based on assumptions, facts or information provided to Dendron by the Client and/or third parties and unless otherwise set out within this Report, Dendron will in no way be responsible for the veracity or accuracy of any such information. Further, the Client acknowledges and agrees that Dendron has, for the purposes of preparing their Report, 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 explicitly denies any legal liability for any and all 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.

Professional Responsibility

In carrying out this Report, Dendron and any Assessor appointed for and on behalf of Dendron to perform and carry out the Report has 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:

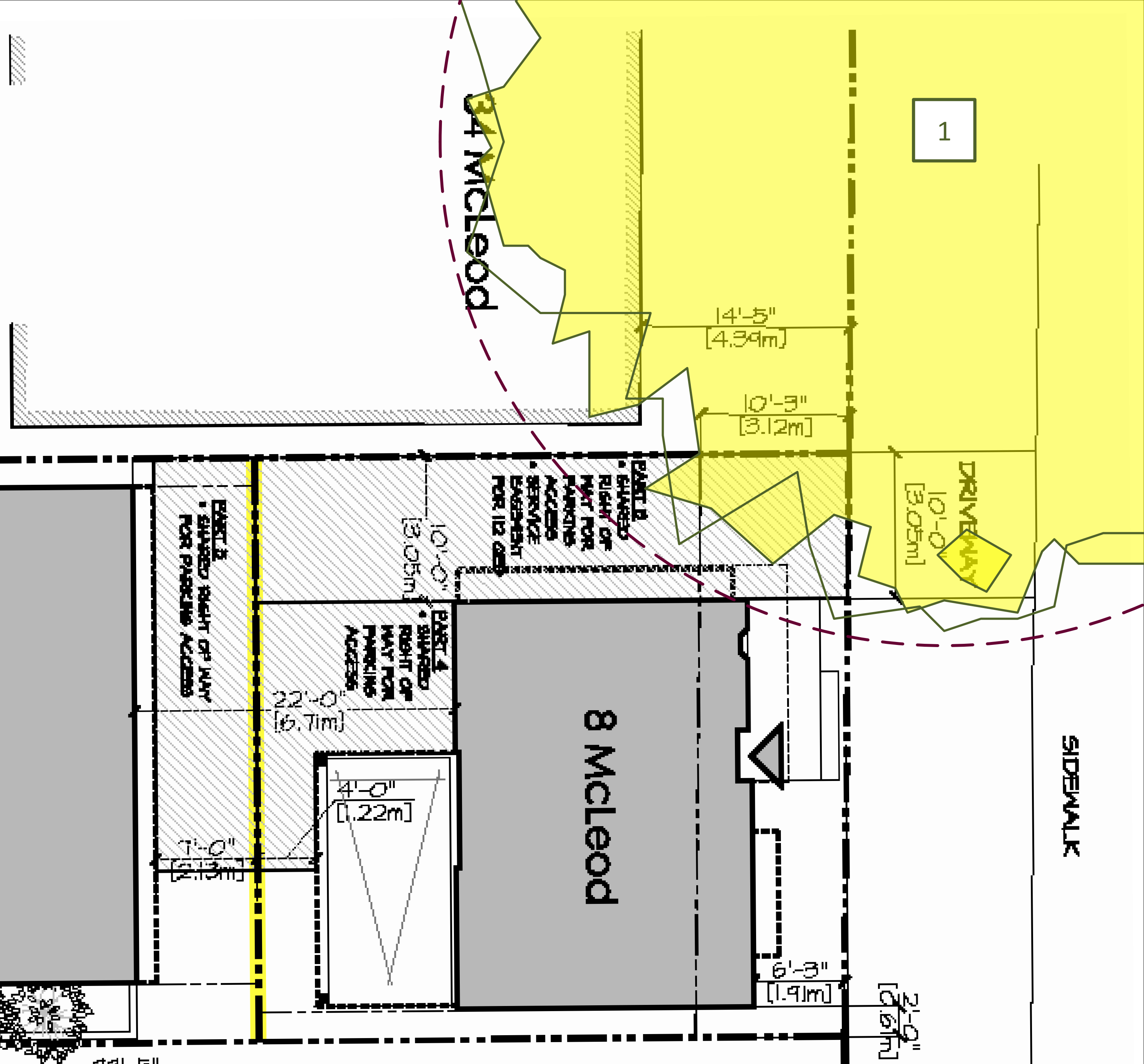
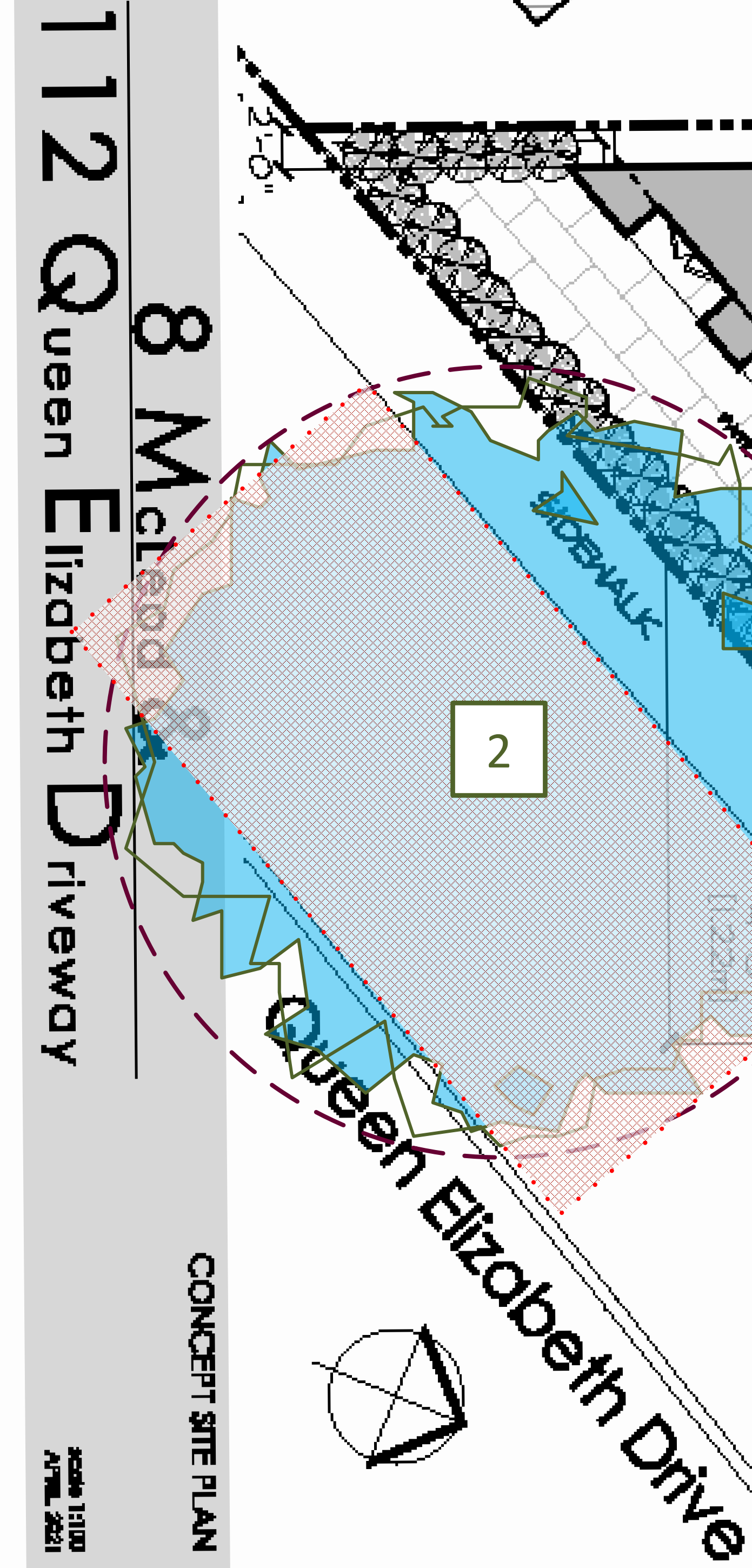
- a) any legal description provided with respect to the Property;
- b) issues of title and or ownership respect to the Property;
- c) the accuracy of the Property line locations or boundaries with respect to the Property; and
- d) the accuracy of any other information provided to Dendron by the Client 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.

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 or Assessors, in contract or in tort, more than 12 months after the date of this Report.

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.

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Tree Protection Fencing

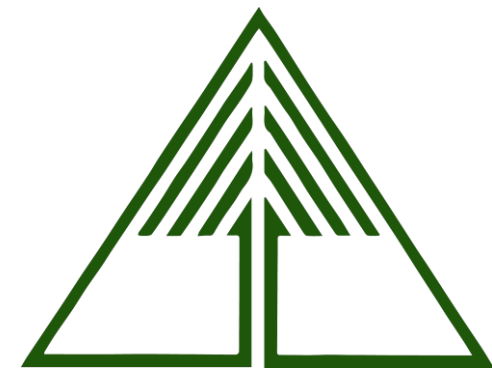
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- Critical Root Zone
- Recommended Tree Protection Fencing Area
- Tree to be removed
- Private Tree
- City Tree
- Tree either fully or partly on adjacent property

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. Note that the location of tree 1 has been estimated.



Tree Information Report – 8 McLeod & 112 Queen Elizabeth Dr.
 Tree layer prepared by Dendron Forestry Services
 Version 2.0, May 2, 2021
 For more information, please contact info@dendronforestry.ca