

Tree Information Report

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

Date of Report: September 14, 2023
Property Address: 20 Robin crescent
Prepared for: 724600 Ontario Inc. c/o David Park; dpark440@gmail.com
Prepared by: Kevin Myers, ISA Certified Arborist; kevin.myers@dendronforestry.ca
Date of Site Visit: September 13, 2023

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.

At this time, no site plan has been received, but recommendations have been made for tree retention based on zoned building envelope and tree health. 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 services for the new units
- capping of existing water and sewer services
- installation of gas lines for the new units
- site access

The potential for retaining the tree(s) identified in this report may change as more information on the site-specific construction details is provided during the building permitting phase.

This report does not grant permission to remove trees: a permit from the city must be received before removal of distinctive trees can occur.

Methodology

The following materials were reviewed as part of this report:

- Plan of the property prepared by Don Brown, received September 12, 2023. *Dendron is not responsible for the accuracy of the tree locations drawn on this plan. For accurate locations of trees, a survey should be conducted.*
- 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
- Pertinent measurements to structures such as fences, driveways, or building

Existing site conditions

The property is currently unmaintained and being overtaken by invasive and aggressive species such as common buckthorn (*Rhamnus cathartica*), grape vine (*Vitis spp.*) and Norway maple (*Acer platanoides*). Dog strangling vine (*Vincetoxicum nigrum*), common burdock (*Arctium minus*), and Virginia creeper (*Parthenocissus quinquefolia*) were also noted. The city right of way (ROW) along Robin crescent contains a colony of staghorn sumac (*Rhus typhina*), shrubby buckthorn, and approximately 15 small silver poplar (*Populus alba*) saplings, along with the established trees and a large amount of grape vine (*Vitis spp.*).

The middle section of the property is dominated by larger basswoods (*Tilia americana*). These trees are in fair condition – many have grown with bends in the trunk likely trying to find light when they were young. There is a fair amount of ash (*Fraxinus spp.*) regeneration throughout the subject site, most of which looked healthy.

The rear of the property transitions to a sugar maple-dominated wooded area which is the rear of 9 and 13 Davidson. From the subject site, this wooded area looks healthy. The maple regeneration in the subject property is approximately 70% Norway and 30% sugar maple.

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 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.

Proposed development and Tree protection

While no construction is proposed at this time, the included Map indicates the zoned building envelope and recommends several trees for retention and protection during later building projects. Specifics of protection and measures to mitigate tree stress are to be discussed in a later report.

Specifically, **Tree 2** should be far enough from construction within the zoned envelope to be protected effectively. This tree has an asymmetrical crown, but it is expected that if trees were removed to the south, the increase in light exposure would allow this tree to adjust and increase canopy on its south side. The number of trees in the southern wooded area was too great to map individually, but there is a healthy grouping clustered around the subject property's southwestern corner, including the indicated **Trees 11-13**. Keeping construction far from this area would help maintain healthy forest cover in the wooded area.



The undersigned personally inspected the property and issues associated with this report on September 13, 2023. On Behalf of Dendron Forestry Services,

Kevin Myers

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APPENDIX A
TREE INFORMATION TABLE

Tree #	Species	DBH (cm)	Ownership ²	Tree health		
				Roots/Root Flare	Trunk	Canopy
1	Norway maple (<i>Acer platanoides</i>)	34	Subject property	Good	Fair: large bends throughout	Good
2	American elm (<i>Ulmus americana</i>)	38	City	Good	Good	Fair: asymmetrical
3	American elm (<i>Ulmus americana</i>)	30, 40	City	Good	Fair/Poor: stems are fusing, included bark for >1m	Fair: thin; covered in grape vine
4	Silver poplar (<i>Populus alba</i>)	33	City	Fair	Fair: large bends throughout	Very poor: Mostly dead
5	Basswood (<i>Tilia americana</i>)	37, 41	City	Fair: sprouts growing from base becoming small trees	Fair/Poor: lean; 1 st union at 0.3m has included bark	Fair: covered in grape vine
6	Basswood (<i>Tilia americana</i>)	46	Subject property	Good	Fair/Poor: angled growth from 3.5m and up	Fair
7	Basswood (<i>Tilia americana</i>)	46	Subject property	Fair: potential fungal infection	Fair: some sapsucker holes; lean towards neighbour	Fair
8	Basswood (<i>Tilia americana</i>)	35	Subject property	Fair: soil on N side covers flare – could lead to decay	Fair: lean to S	Fair
9	Basswood (<i>Tilia americana</i>)	31, 32	Subject property	Good	Fair: main union @ 0.4m has included bark; North stem has moderate lean	Fair
10	Sugar maple (<i>Acer saccharum</i>)	50.5	Subject property	Fair: small dead stems at base have decay	Fair: small cavity at 5m may have decay	Good
11	Sugar maple (<i>Acer saccharum</i>)	35	Subject property	Good	Fair: codominant stems at 4m; slight lean	Good
12 ⁴	Sugar maple (<i>Acer saccharum</i>)	52	Adjacent – 13 Davidson	Good	Good: moderate lean to South	Good
13 ⁴	Sugar maple (<i>Acer saccharum</i>)	31	Adjacent – 13 Davidson	Good	Good	Good
14 ⁴	Sugar maple (<i>Acer saccharum</i>)	31	Subject property	Fair: growing on a rock	Fair: leaning towards neighbour	Good



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5 ⁴	American elm (<i>Ulmus americana</i>)	13, 8	City	Good	Poor: stems are intertwined around one another	Fair
6 ⁴	Staghorn sumac (<i>Rhus typhina</i>)	12	City	Good	Poor: severe lean towards road	Fair: covered in grape vine
7 ⁴	Norway maple (<i>Acer platanoides</i>)	19	City	Good	Good	Fair: growing under wires
8 ⁴	American elm (<i>Ulmus americana</i>)	11	City	Good	Good	Fair: growing under wires
9 ⁴	American elm (<i>Ulmus americana</i>)	12	City	Good	Good	Fair: growing under wires
10 ⁴	American elm (<i>Ulmus americana</i>)	30.5	City	Good	Fair: lean to South	Fair: growing under wires
11 ⁴	Eastern redcedar (<i>Juniperis virginiana</i>)	18	Adjacent - 1362 Whipoorwill	Good	Good	Fair: asymmetrical but dense.

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

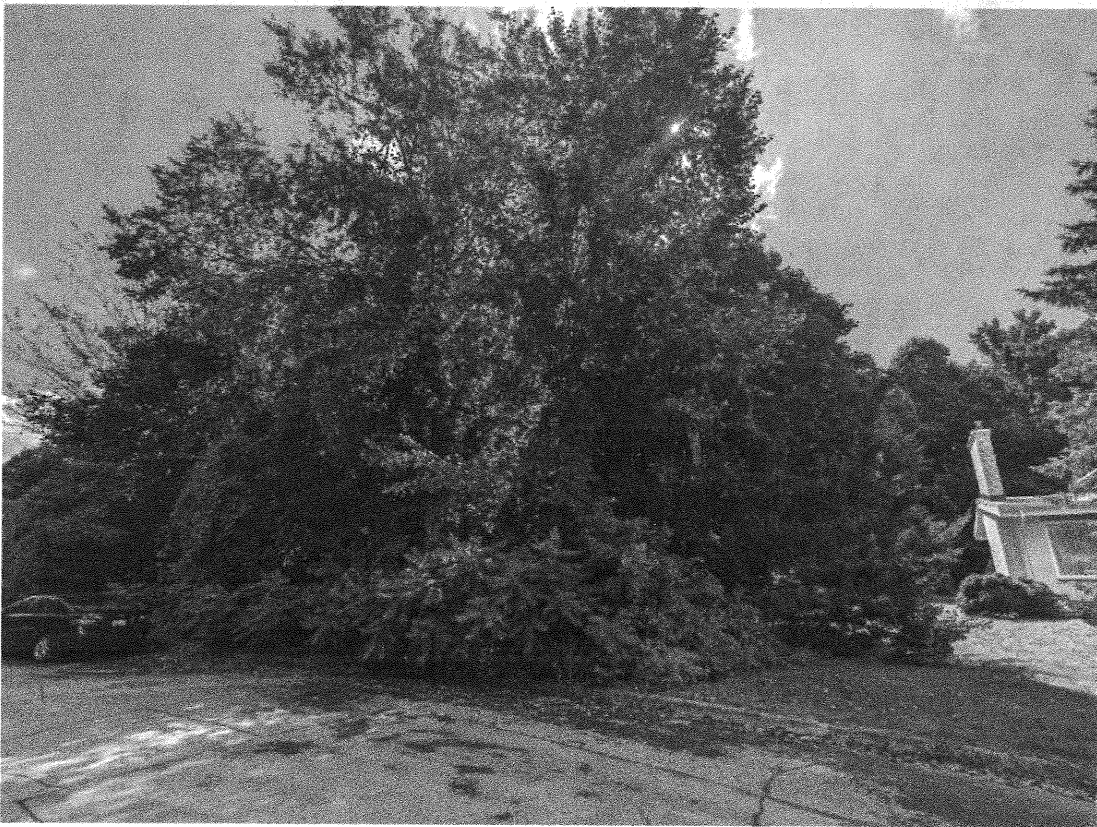
Ownership of the tree in this report is based on the information provided and should not be used as a determination of ownership. For ownership disputes, a survey should be relied on. For boundary trees, consent from the adjacent property owner is required for removal as part of the application.

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



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APPENDIX B
PHOTOGRAPHS



Overgrown ROW along Robin crescent



APPENDIX C

ASSUMPTIONS AND LIMITING CONDITIONS

Intended Use of the Report

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

Intended User of the Report

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

Limitations of this Report

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

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

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

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

No Opinion regarding ownership of the Tree

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

Assumptions

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

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

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

No Publication



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

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

Implementing the Report Recommendations

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

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

Further Services

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

Limits of Liability

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

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

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

The total monetary amount of all claims or causes of action the Client may have as against Dendron Forestry, including but not limited to claims for negligence, negligent misrepresentation, and breach of contract, shall be strictly limited solely to the total amount of fees paid by the Client to Dendron Forestry pursuant to the Contract for Services dated September 12, 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.

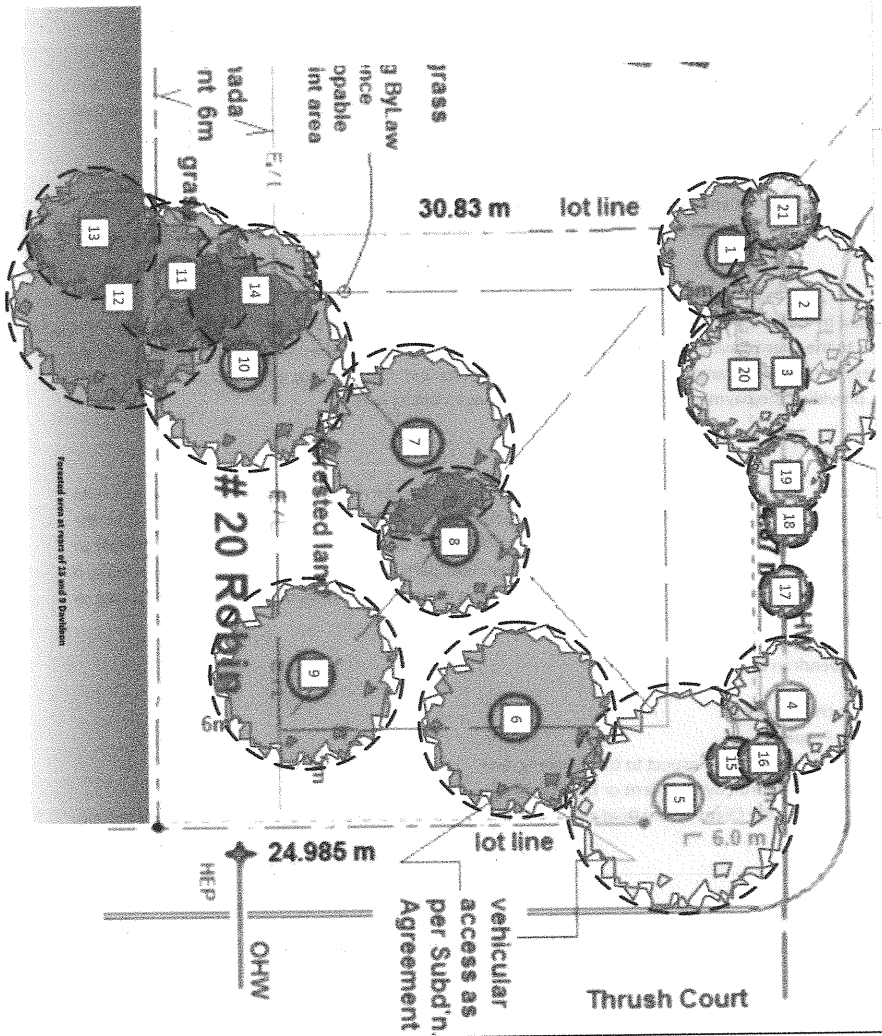
General

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 ID	Species	Location	Health	Notes
1	Norway maple (Acer platanoides)	34 Subject property	Good	
2	American elm (Ulmus americana)	36 City	Good	
3	American elm (Ulmus americana)	40 City	Good	
4	Silver poplar (Populus alba)	33 City	Fair	Fair: sprouts growing from base becoming small trees
5	Basswood (Tilia americana)	32 City	Good	
6	Basswood (Tilia americana)	46 Subject property	Good	
7	Basswood (Tilia americana)	46 Subject property	Fair	Fair: potential fungal infection
8	Basswood (Tilia americana)	35 Subject property	Fair	Fair: soil on N side covers three - could lead to decay
9	Basswood (Tilia americana)	31 Subject property	Good	
10	Sugar maple (Acer saccharum)	50.5 Subject property	Good	
11	Sugar maple (Acer saccharum)	35 Subject property	Good	
12*	Sugar maple (Acer saccharum)	52 Adjacent - 13	Good	
13*	Sugar maple (Acer saccharum)	31 Adjacent - 13	Good	
14*	Sugar maple (Acer saccharum)	31 Subject property	Fair	Fair: growing on a rock
15*	American elm (Ulmus americana)	8 City	Good	
16*	Shagbark hickory (Liquidambar styraciflua)	12 City	Good	
17*	Hopspur maple (Acer thornum)	19 City	Good	
18*	American elm (Ulmus americana)	11 City	Good	
19*	American elm (Ulmus americana)	12 City	Good	
20*	American elm (Ulmus americana)	30.5 Adjacent - 1362	Good	
21*	Eastern redbud (Juglans nigra)	18 Whippsawmill	Good	

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



Robin Crescent

Good
Fair: large bends, throughout.
Good
Fair/Poor: stems are using, included bark for >1m
Very poor - Mostly dead
Fair: covered in grape vine
Fair
Fair: some sap sucker holes, lean towards neighbour
Fair: lean to S
Fair
Fair: main union @ 0.4m has moderate bark, North stem has moderate lean
Fair: small cavity at 5m may have decay
Fair: codominant stems at 5m, slight lean
Good: moderate lean to South
Good
Fair: leaning towards neighbour
Poor: stems are intertwined around one another
Fair: covered in grape vine
Good
Fair: growing under wires
Good
Fair: growing under wires
Fair: lean to South
Fair: asymmetrical but dense.



TIR Map - 20 Robin Crescent
Tree layer prepared by
Dendron Forestry Services
Version 1.0, September 13, 2023
For more information, please contact: info@dendronforestry.ca

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

Dendron is not responsible for the accuracy of the tree locations drawn on this plan. For accurate locations of trees, a survey should be conducted.

Legend

- Critical Root Zone
- Private Tree
- Tree either fully or partly on adjacent property
- Tree either fully or partly on city property

vehicular access as per Subd'n Agreement

OHW

HEP