



This document is presented in the language it was provided.
Ce document est présenté dans la langue dans laquelle il a été fourni.

P.O. Box 13593, STN. KANATA, OTTAWA, ON K2K 1X6
TELEPHONE: (613) 838-5717
WEBSITE: WWW.IFSASSOCIATES.CA

URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

May 28, 2021

Michael O. Awosika-Akinniyi - CEO
Green Eagle Development
878 Boyd Avenue
Ottawa, ON
K2A 2E3

Committee of Adjustment
Received | Reçu le

2024-10-01

RE: TREE INFORMATION REPORT (LONG) FOR 551 EDISON AVENUE, OTTAWA

City of Ottawa | Ville d'Ottawa
Comité de dérogation

Dear Michael,

This report details pre-construction tree information for the above noted property in Ottawa. The need for this report is related to trees protected under the City of Ottawa's Tree Protection By-law (By-law no. 2020-340). The work proposed for this residential property consists of demolishing an existing single-family dwelling and construction of two new single-family dwellings.

Tree information reports are to include assessments of all impacted distinctive trees on the subject property and on adjacent private properties. Trees within the inner urban area of Ottawa are considered distinctive if they have diameters of 30 centimetres or greater. One such tree was found, a red maple (*Acer rubrum*) straddling the property line shared between the subject property and City of Ottawa lands. All trees fully on city land are also to be included in tree information reports. Two such trees were found – another red maple and a Japanese tree lilac (*Syringa reticulata*). Field work for this report was completed in late May 2021.

The attributes of the three trees are detailed in table 1 on page 2 of this report. The location of each tree is shown on the site plan included on page 3.

FEDERAL AND PROVINCIAL REGULATIONS

Federal and provincial regulations can be applicable to trees on private and public property. In particular, the following regulations have been considered for this property:

- 1) **Endangered Species Act (2007)**: No butternuts (*Juglans cinerea*) were identified on the subject or adjacent properties. This species of tree is listed as threatened under the Province of Ontario's Endangered Species Act (2007) and so is protected from harm.
- 2) **Migratory Bird Convention Act (1994)**: In the period between April and August of each year nest surveys must be performed by a suitably trained person no more than five (5) days before trees or other similar nesting habitat are to be removed.



TREE SPECIES, CONDITION, SIZE AND STATUS

Table 1 below details the species, ownership, size (diameter), condition and reason for removal (if applicable) of the individual trees on and shared with the subject property.

Table 1. Tree information for 551 Edison Avenue

Tree No.	Tree species	Owner-ship	DBH ¹ (cm)	Tree condition, age class and condition notes	Reason for removal	Forester’s opinion re. removal
1	Red maple	City	43.8	Very good; mature; single stem with co-leaders at 5m from grade with a competing lateral at 3m on southwest –broad, moderately dense crown; good leaf size and colour; root collar obscured by surrounding planting bed; native species	Not applicable (to be preserved)	NA
2	Red maple	Shared with city	37.2, 47.0 & 49.7	Poor; very mature; tri-stemmed from grade – all three stems moderately divergent; heavy vine growth (<i>Vitis</i> spp.) in north and west stems; good leaf size, though colour is slightly chlorotic; moderate crown dieback on north stem; north stem has a major wound with cavity and decay at 2-3m on south and at 8m where previous co-dominant leader broke – wound now with advanced decay and internal cavity large enough to hold a squirrel’s nest – tree is hazardous	Tree is hazardous	To be removed
3	Japanese tree lilac	City	12.2	Good; mature; co-dominant stems at 1.5m from grade with suppressed laterals at 0.8 and 1m on north and 1.4m on south – broad crown; scattered crown dieback; cultivar	Not applicable (to be preserved)	NA

¹ diameter at breast height, or 1.3m from grade (unless otherwise indicated)

Pictures 1 and 2 on pages 6 and 7 of this report show the trees on and shared with the subject property.





TREE PRESERVATION AND PROTECTION MEASURES

Preservation and protection measures intended to mitigate damage during construction will be applied for the two trees to be retained on city land. The following measures are the minimum required by the City of Ottawa to ensure tree survival during and following construction. They are to be implemented prior to the commencement of site work and maintained for the duration of construction, including the completion of landscaping.

1. As per the City of Ottawa's tree protection barrier specification, erect a fence as close as possible to the critical rooting zone (CRZ¹) of the tree(s);
2. Do not place any material or equipment within the CRZ of the tree(s);
3. Do not attach any signs, notices or posters to any tree;
4. Do not raise or lower the existing grade within the CRZ without approval;
5. Tunnel or bore instead of trenching within the CRZ of any tree;
6. Do not damage the root system, trunk or branches of any tree;
7. Ensure that exhaust fumes from all equipment are not directed towards any tree's crown.

¹ The critical root zone (CRZ) is established as being 10 centimetres from the trunk of a tree for every centimetre of trunk Diameter at breast height (DBH). The CRZ is calculated as DBH x 10 cm.

REPLACEMENT TREE PLANTING OR COMPENSATION

The loss of a tree from city property will require compensation in the form of the appraised value (as determined by City staff). This can be compensated through planting of replacement tree(s) in the municipal right of way.

I trust this report satisfies your requirements. Please do not hesitate to contact the undersigned with any questions or comments you may have.

This report is subject to the attached Limitations of Tree Assessments and Liability to which the reader's attention is directed.

Yours,



Andrew K. Boyd, B.Sc.F, R.P.F. (#1828)
Certified Arborist #ON-0496A and TRAQualified
Consulting Urban Forester

SELF-DECLARATION STATEMENT (TO BE SIGNED BY PROPERTY OWNERS):

Signature

Printed Name

Phone Number

By signing the application you are acknowledging and understanding that a city forestry inspector or municipal law enforcement officer may enter the property at a reasonable time for the purpose of carrying out an inspection. You also acknowledge and understand that through failure to abide by the recommendations of the approved Tree Information Report, damaging or destructing trees identified for protection, you alone will be responsible to bear fully the cost of compensation, removal, and replacement. Further, you are acknowledging having read and agreed to the Limitations of Tree Assessments and Liability included at the end of this report.



Picture 1. Tree #1, city owned red maple at 551 Edison Avenue



Picture 2. Trees #2 and 3, shared red maple (left) and city owned Japanese tree lilac at 551 Edison Avenue



LIMITATIONS OF TREE ASSESSMENTS & LIABILITY

GENERAL

It is the policy of *IFS Associates Inc.* to attach the following clause regarding limitations. We do this to ensure that our clients are clearly aware of what is technically and professionally realistic in assessing trees for retention.

This report was carried out by *IFS Associates Inc.* at the request of the client. The information, interpretation and analysis expressed in this report are for the sole benefit and exclusive use of the client. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the client to whom it is addressed. Unless otherwise required by law, neither all or any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through public relations, news or other media, without the prior expressly written consent of the author, and especially as to value conclusions, identity of the author, or any reference to any professional society or institute or to any initialed designation conferred upon the author as stated in his qualifications.

This report and any values expressed herein represent the opinion of the author; his fee is in no way contingent upon the reporting of a specified value, a stipulated result, nor upon any finding to be reported. Details obtained from photographs, sketches, *etc.*, are intended as visual aids and are not to scale. They should not be construed as engineering reports or surveys. Although every effort has been made to ensure that this assessment is reasonably accurate, the tree(s) should be reassessed at least annually. The assessment presented in this report is valid at the time of the inspection only. The loss or alteration of any part of this report invalidates the entire report.

LIMITATIONS

The information contained in this report covers only the tree(s) in question and no others. It reflects the condition of the assessed tree(s) at the time of inspection and was limited to a visual examination of the accessible portions only. *IFS Associates Inc.* has prepared this report in a manner consistent with that level of care and skill ordinarily exercised by members of the forestry and arboricultural professions, subject to the time limits and physical constraints applicable to this report. The assessment of the tree(s) presented in this report has been made using accepted arboricultural techniques. These include a visual examination of the above-ground portions of each tree for structural defects, scars, cracks, cavities, external indications of decay such as fungal fruiting bodies, evidence of insect infestations, discoloured foliage, the condition of any visible root structures, the degree and direction of lean (if any), the general condition of the tree(s) and the surrounding site, and the proximity of people and property. Except where specifically noted in the report, the tree(s) examined were not dissected, cored, probed or climbed to gain further evidence of their structural condition. Also, unless otherwise noted, no detailed root collar examinations involving excavation were undertaken.

While reasonable efforts have been made to ensure that the tree(s) proposed for retention are healthy, no warranty or guarantee, expressed or implied, are offered that these trees, or any parts of them, will remain standing. This includes other trees on or off the property not examined as part of this assignment. It is both professionally and practically impossible to predict with absolute certainty the behaviour of any single tree or groups of trees or their component parts in all circumstances, especially when within construction zones. Inevitably, a standing tree will always pose some risk. Most trees have the potential for failure in the event of root loss due to excavation and other construction-related impacts. This risk can only be eliminated through full tree removal.

Notwithstanding the recommendations and conclusions made in this report, it must be realized that trees are living organisms, and their health and vigour constantly change over time. They are not immune to changes in site conditions, or seasonal variations in the weather. It is a condition of this report that *IFS Associates Inc.* be notified of any changes in tree condition and be provided an opportunity to review or revise the recommendations within this report. Recognition of changes to a tree's condition requires expertise and extensive experience. It is recommended that *IFS Associates Inc.* be employed to re-inspect the tree(s) with sufficient frequency to detect if conditions have changed significantly.

ASSUMPTIONS

Statements made to *IFS Associates Inc.* in regards to the condition, history and location of the tree(s) are assumed to be correct. Unless indicated otherwise, all trees under investigation in this report are assumed to be on the client's property. A recent survey prepared by a Licensed Ontario Land Surveyor showing all relevant trees, both on and adjacent to the subject property, will be provided prior to the start of field work. The final version of the grading plan for the project will be provided prior to completion of the report. Any further changes to this plan invalidate the report on which it is based. *IFS Associates Inc.* must be provided the opportunity to revise the report in relation to any significant changes to the grading plan. The procurement of said survey and grading plan, and the costs associated with them both, are the responsibility of the client, not *IFS Associates Inc.*

LIABILITY

Without limiting the foregoing, no liability is assumed by *IFS Associates Inc.* for: 1) any legal description provided with respect to the property; 2) issues of title and/or ownership with respect to the property; 3) the accuracy of the property line locations or boundaries with respect to the property; 4) the accuracy of any other information provided by the client or third parties; 5) 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, 6) the unauthorized distribution of the report.

INDEMNIFICATION

An applicant for a permit or other approval based on this report shall agree to indemnify and save harmless *IFS Associates Inc.* from any and all claims, demands, causes of action, losses, costs or damages that affected private landowners and/or the City of Ottawa may suffer, incur or be liable for resulting from the issuance of a permit or approval based on this report or from the performance or non-performance of the applicant, whether with or without negligence on the part of the applicant, or the applicant's employees, directors, contractors and agents.

Further, under no circumstances may any claims be initiated or commenced by the applicant against *IFS Associates Inc.* 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.

ONGOING SERVICES

IFS Associates Inc. accepts no responsibility for the implementation of any or all parts of the report, unless specifically requested to supervise the implementation or examine the results of activities recommended herein. In the event that examination or supervision is requested, that request shall be made in writing and the details, including fees, agreed to in advance.