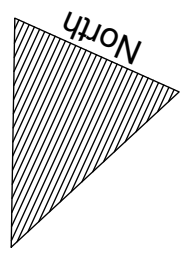


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REPORT
"TREE
CONSERVATION
REPORT
"2487
INNES
ROAD
OTTAWA"

Existing Tree
to Remain

Existing Tree to
be Removed

Protection for
Existing Trees



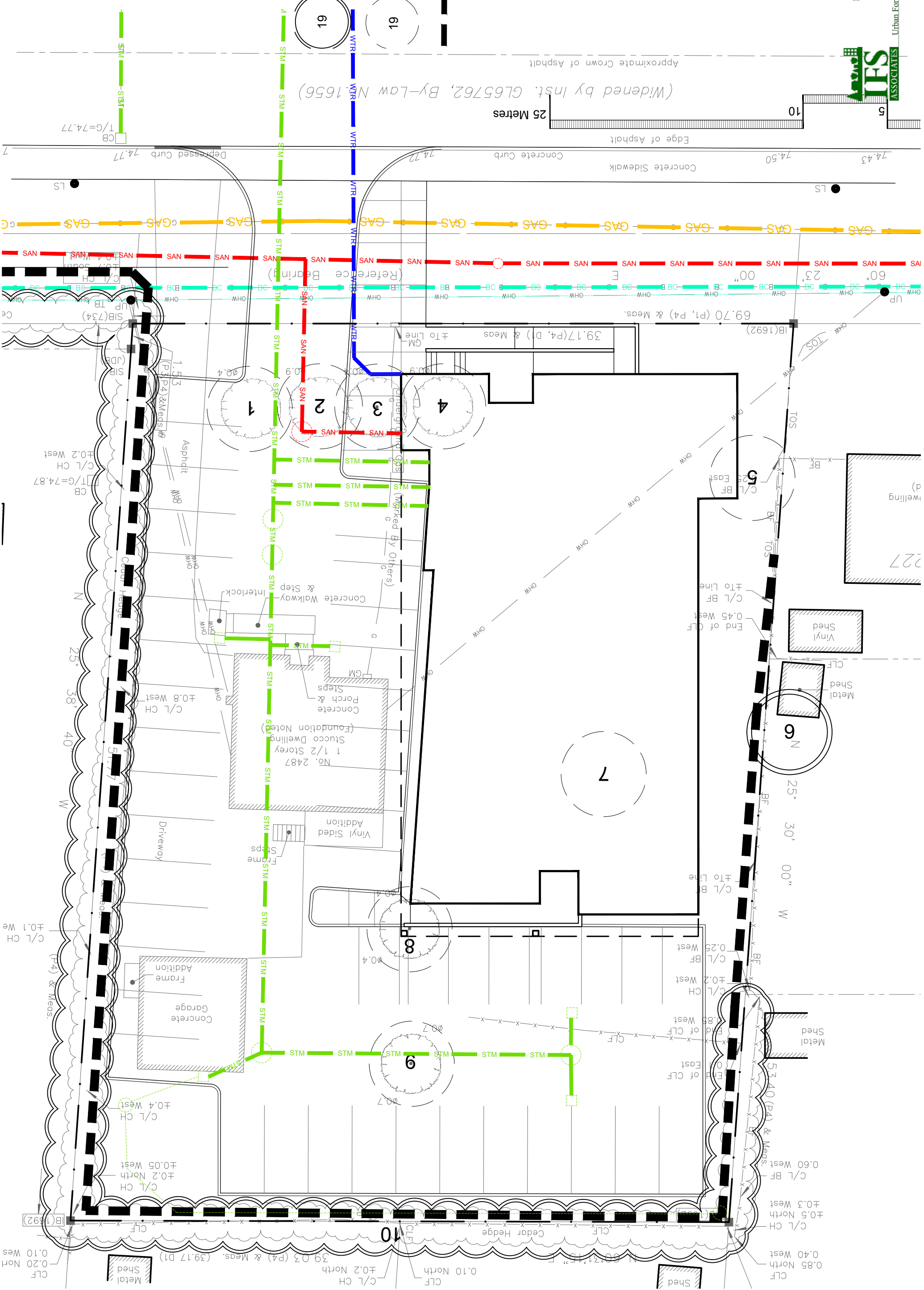
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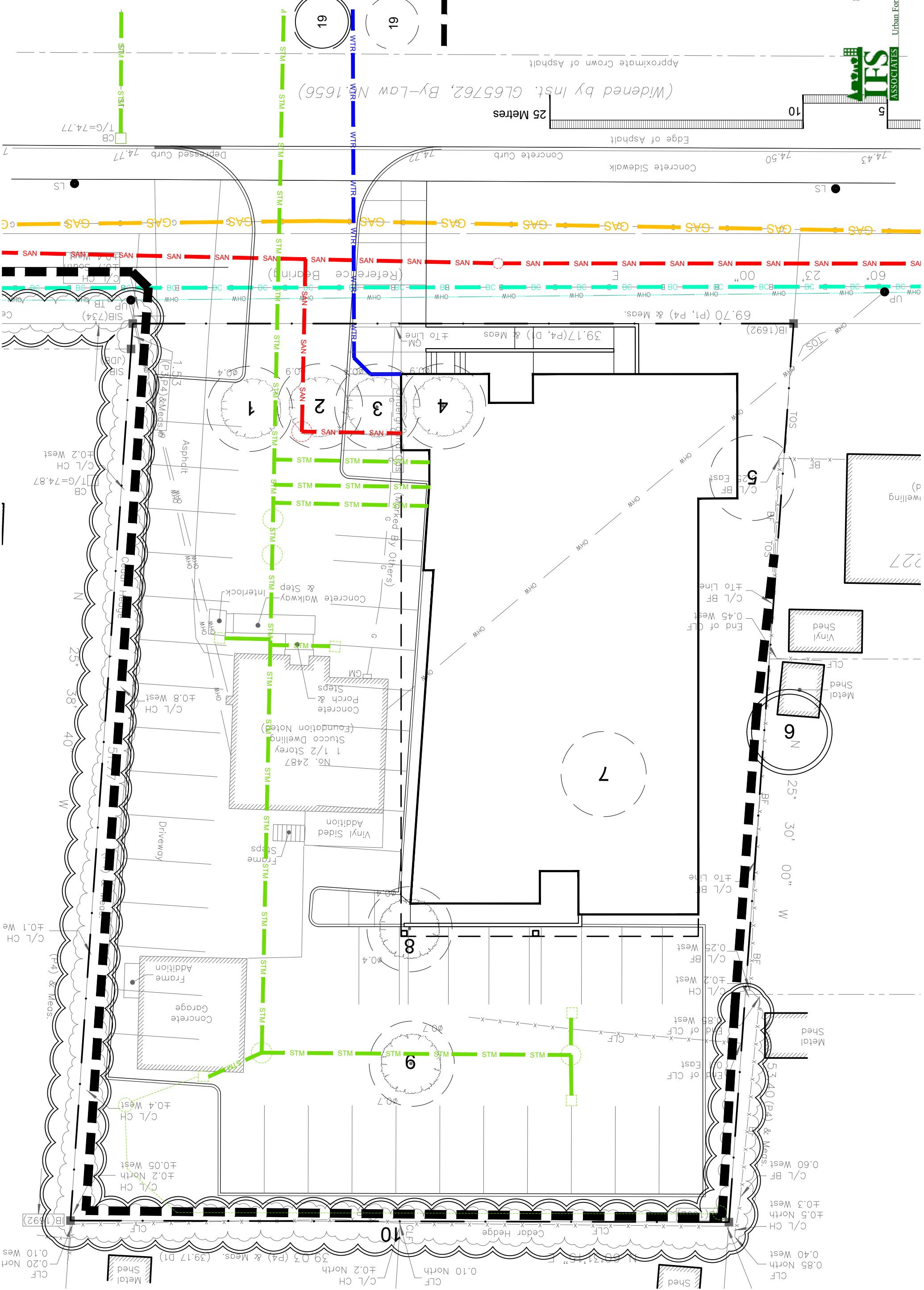
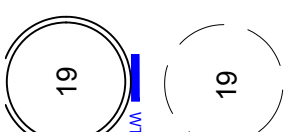
P.O. Box 13593, Ottawa, ON K2K 1X6
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Urban Forestry & Forest Management Consulting



(Widened by Inst. GL65762, By-Law N.1656)

25 Metres





May 4, 2020

Gino Aiello, OALA
110 Didsbury Road, #9
Ottawa, ON
K2T 0C2

RE: TREE CONSERVATION REPORT FOR 2487 INNES ROAD, OTTAWA

This report details a pre-construction Tree Conservation Report (TCR) for the above-noted property in Ottawa. The need for this TCR is related to the proposed demolition of an existing single family dwelling and construction of a three and a half storey apartment building with surrounding surface parking.

Tree conservation reports are required for all plans of subdivision and site plan control applications where trees of 10 centimetres in diameter or greater are present on the subject property. The approval of this TCR by the City of Ottawa and the issuing of a permit by them authorize the removal of approved trees. **Importantly, although this report may be used to support the application for a City tree removal permit, it does not by itself constitute permission to remove trees or begin site clearing activities. No such work should occur before a tree removal permit is issued by the City of Ottawa.**

The inventory in this report details the assessment of all individual trees on the subject and adjacent private property. No trees were found on nearby City of Ottawa property. Field work for this report was completed on April 21, 2020.

TREE SPECIES, CONDITION, SIZE AND STATUS

Table 1 below details the species, condition, size (diameter) and status of the individual trees on and adjacent to the subject property. Each of these trees is referenced by the numbers plotted on the accompanying tree conservation plan.

Table 1. Species, condition, size (diameter) and status of trees at 2487 Innes Road

Tree No.	Tree species	Condition (VP→E)	DBH ¹ (cm)	Age class, tree condition notes & preservation status (to be removed or preserved and protected)
1	Eastern larch (<i>Larix laricina</i>)	Poor	44	Mature; tri-stemmed at 2.5m from grade; all three upright, southernmost stem dominant; open seam with exposed xylem in lower bole; native species; to be removed



Table 1. Con't

2	White spruce (<i>Picea glauca</i>)	Fair	67	Mature; co-dominant stems at 3.-3.5m from grade; included bark within primary union; good crown density, annual increment and needle colour; native species; to be removed
3	Eastern larch	Very poor	37	Mature; double stemmed at 2m – northernmost stem dominant; very narrow crown, only apex alive; heavy woodpecker activity; tree is in advanced decline; native species; to be removed
4	White pine (<i>Pinus strobus</i>)	Good	95	Mature; single dominant stem for most of height; crown very asymmetric due to unequal competition for sunlight; native species; to be removed
5	White spruce	Fair	67	Mature; tri-dominant stems at 3-3.5m from grade; good crown density, annual increment and needle colour; native species; to be removed
6	Balsam fir (<i>Abies balsamea</i>)	Fair	+/-30	Mature; co-dominant leader lost in recent past – major stem wound; good crown density, annual increment and needle colour; located on adjacent private property; native species; to be preserved and protected
7	Manitoba maple (<i>Acer negundo</i>)	Very poor	52	Mature; extensive basal wounding and decay; majority of crown is dead; tree is in advanced decline and hazardous; naturalized species; to be removed
8	White spruce	Fair	36	Mature; upright, narrow crown form; poor crown density, fair annual increment and needle colour; tree is in early decline; native species; to be removed
9	White pine	Good	60	Mature; single dominant stem for most of height; lower laterals removed leaving major wounds; crook in main stem at 6m; fair crown density, annual increment and needle colour native species; to be removed
10	White cedar (<i>Thuja occidentalis</i>)	Good	+/-10	Mature; majority of length maintained in hedge form, certain portions allowed to grow into full-sized trees; straddles property lines – some stems likely fully on adjacent private property; native species; to be preserved and protected

¹ diameter at breast height, or 1.4m from grade (unless otherwise indicated)

All of the trees on the subject property are slated for removal either due to conflicts with the proposed building or surrounding parking. Tree #6, the nearby balsam fir fully on an adjacent private property, and cedar hedge (#10) which surrounds the property, and is on or shared with adjacent private properties, will remain in place.

Pictures 1, 2 and 3 on pages 4, 5 and 6 of this report show selected trees on and adjacent to the subject property.

TREE PRESERVATION AND PROTECTION MEASURES

Preservation and protection measures intended to mitigate damage during construction will be applied for the hedge surrounding the subject property. The following measures are the minimum required by the City of Ottawa to ensure tree survival during and following construction:

1. Erect a fence at the critical root zone (CRZ¹) of trees;
2. Do not place any material or equipment within the CRZ of the tree;
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 when digging within the CRZ of a 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.

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

Please do not hesitate to contact the undersigned with any questions concerning this report.

Yours,



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



Picture 1. Trees #1-4 (right to left) located at 2487 Innes Road, Ottawa





Picture 2. Trees #8 (right) and 9 located at 2487 Innes Road, Ottawa



Picture 3. Portion of cedar hedge surrounding 2487 Innes Road, Ottawa (note maintained hedge and fully grown trees)

LIMITATIONS OF TREE ASSESSMENTS

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.

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 property and people. 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) recommended 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 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. Inevitably, a standing tree will always pose some risk. Most trees have the potential for failure in the event of adverse weather conditions, and this risk can only be eliminated through 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 experience and so 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.

No responsibility is assumed for matters legal in character. Statements made to *IFS Associates Inc.* in regards to the condition or history of the tree(s) are assumed to be correct. Any and all property is assessed or evaluated as though free and clear, under responsible ownership and competent management. It is assumed that any property is not in violation of any applicable codes, ordinances, statues or other government regulations.

Neither the author of this report nor anyone else in association with *IFS Associates Inc.* shall be required to give testimony or attend court by reason of this report unless contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contact of engagement, or as previously accepted.

The information, recommendations and opinions expressed in this report are for the sole benefit of the client(s) named above. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressly written consent of the author. 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 advertising, public relations, news, sales 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, the occurrence of a subsequent event, 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.

Lastly, loss or alteration of any part of this report invalidates the entire report.