



March 12, 2026

Jack Mangan
Manager, Acquisitions & Corporate Development
Homestead Land Holdings Limited
80 Johnson Street
Kingston, ON K7L 1X7

RE: TREE CONSERVATION REPORT FOR 1316 CARLING AVENUE, OTTAWA

This Tree Conservation Report (TCR) was prepared by IFS Associates Inc. (IFS) in support of a site plan application for 1361 Carling Avenue 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 construction of a 20-storey building with two levels of below grade parking is proposed for the site.

Under the Tree Protection By-law, a TCR is required for all plans of subdivision, site plan control applications, common elements condominium applications, and vacant land condominium applications where there is a tree of 10 cm in diameter at breast height (DBH) or greater on a site and/or if there is a tree on an adjacent site that has a critical root zone (CRZ) extending onto a development site. Trees of any size on adjacent City lands must also be documented in a TCR. A "tree" is defined in the By-law as any species of woody perennial plant, including its root system, which has reached or can reach a minimum height of at least 450 cm at physiological maturity. The CRZ is calculated as DBH x 10 cm.

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's General Manager authorizing the injury or destruction of a tree in accordance with the by-law.*

The inventory in this report details the assessment of all individual trees on the subject and adjacent private property, including any trees on nearby City of Ottawa property. Any endangered tree species were identified as well. Field work for this report was completed in October 2025.

TREE SPECIES, CONDITION, SIZE AND OWNERSHIP STATUS

The table on pages 3 through 7 of this report details the species, condition, size (diameter) and ownership status of the individual trees fully on, shared with and adjacent to the subject property. Each of these trees is referenced by the numbers plotted on the plans included in figures 1, 2 and 3 on pages 8, 9 and 10 of this report.

METHODOLOGY

The tree inventory was conducted in October 2025, by systematically traveling through the subject property and taking note of any tree which had a DBH of 10cm or greater. The same was done for 10m-wide swath on surrounding properties.

PROVINCIAL REGULATIONS

Certain provincial regulations are applicable to trees on private property. In particular, the Endangered Species Act – ESA (2007) mandates that tree species on the Species at Risk in Ontario (SARO) list be identified. Butternut (*Juglans cinerea*) and black ash (*Fraxinus nigra*) are present in Eastern Ontario, and both are listed as threatened on the SARO. Because of this these species are protected from harm. No butternut or black ash trees were located on or within 50m of the work area.

FEDERAL REGULATIONS

Federal regulations can be applicable to trees on private property. Between April and August of each year the Migratory Bird Convention Act (1994) requires bird nest surveys be performed by a suitably trained person no more than three (3) days before trees or other similar nesting habitat are removed.

TREE PROTECTION AND PRESERVATION MEASURES

Protection measures intended to mitigate damage during construction will be applied to all trees being preserved. The following measures are the minimum required by the City of Ottawa to ensure tree survival during and following construction:

1. Erect a fence as close as possible to the critical root zone (CRZ) of trees (see City of Ottawa tree protection barrier specification on page 12).
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.

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

Yours,



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

TABLE 1: TREE LOCATIONS

| TREE ID | UTM NAD 83 | SPECIES | DBH (cm) | | | | AVG DBH (cm) | CRITICAL ROOT ZONE (m) | HEALTH | COMMENTS | OWNERSHIP | FATE | |
|---------|------------------------|----------------|----------|----|----|----|--------------|------------------------|--------|---|---|---------------------------|----------|
| 1 | 18 T 442559 5025947 | Siberian Elm | 13 | | | | 13 | 1.3 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained | |
| 2 | 18 T 442556 5025945 | Siberian Elm | 10 | 13 | 10 | 10 | 10.75 | 1.075 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained | |
| 3 | 18 T 442547 5025940 | Siberian Elm | 15 | | | | 15 | 1.5 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained | |
| 4 | 18 T 442544 5025939 | Manitoba Maple | 11 | 10 | | | 10.5 | 1.05 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained | |
| 5 | 18 T 442539 5025935 | Manitoba Maple | 10 | | | | 10 | 1 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained | |
| 6 | 18 T 442537 5025936 | Manitoba Maple | 15 | 14 | 14 | 10 | 11 | 12.8 | 1.28 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained |
| 7 | 18 T 442535 5025941 | White Cedar | | | | | 2 to 16 | 1.6 | GOOD | Row of cedar (50-60 individual stems). On other side of fence. | Private on adjoining site | Retained | |
| 8 | 18 T 442534 5025948 | White Spruce | 29 | | | | 29 | 2.9 | POOR | Shared Roots, on the other side of fence. Leaf dieback. Single Stem | Private on adjoining site | Retained | |
| 9 | 18 T 442520 5025963 | Manitoba Maple | 41 | 32 | 16 | | 29.66666667 | 2.966666667 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained | |
| | | | | | | | | | | | | | |

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|---------|------------------------|-----------------|----------|----|----|--|--------------|------------------------|--------|---|---------------------------|----------|
| 10 | 18 T 442514 5025973 | Manitoba Maple | 25 | 25 | | | 25 | 2.5 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained |
| 11 | 18 T 442511 5025963 | Manitoba Maple | 52 | | | | 52 | 5.2 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 12 | 18 T 442504 5025976 | Manitoba Maple | 10 | | | | 10 | 1 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 13 | 18 T 442498 5025985 | Siberian Elm | 10 | | | | 10 | 1 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 14 | 18 T 442498 5025984 | Siberian Elm | 12 | | | | 12 | 1.2 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 15 | 18 T 442491 5025995 | Manitoba Maple | 10 | | | | 10 | 1 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 16 | 18 T 442489 5025996 | Manitoba Maple | 10 | | | | 10 | 1 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 17 | 18 T 442487 5026001 | Siberian Elm | 11 | 10 | 10 | | 10.33333333 | 1.033333333 | GOOD | Shared Roots, on the other side of fence. Single Stem | Private on adjoining site | Retained |
| 18 | 18 T 442497 5026019 | Blue Spruce | 25 | | | | 25 | 2.5 | GOOD | Within garden. Single Stem | Private Onsite | Removed |
| 19 | 18 T 442504 5026029 | Blue Spruce | 15 | | | | 15 | 1.5 | GOOD | Within garden. Single Stem | Private Onsite | Removed |
| 20 | 18 T 442472 5026040 | Ornamental Tree | 9 | | | | 9 | 0.9 | GOOD | Mowed around by road, planted. Single Stem | Private Onsite | Removed |
| 21 | 18 T 442487 5026045 | Ornamental Tree | 4 | | | | 4 | 0.4 | GOOD | Within garden by road. Single Stem | Private Onsite | Removed |

| TREE ID | UTM NAD 83 | SPECIES | DBH (cm) | | | | AVG DBH (cm) | CRITICAL ROOT ZONE (m) | HEALTH | COMMENTS | OWNERSHIP | FATE |
|---------|------------------------|-----------------|----------|----|----|--|--------------|------------------------|--------|--|---------------------------|----------|
| 22 | 18 T 442498 5026053 | Ornamental Tree | 4 | | | | 4 | 0.4 | GOOD | Within garden by road. Single Stem | Private Onsite | Removed |
| 23 | 18 T 442569 5026000 | Norway Maple | 35 | | | | 35 | 3.5 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 24 | 18 T 442565 5025999 | Norway Maple | 16 | | | | 16 | 1.6 | GOOD | Shared Roots, on the other side of fence. Single Stem | Co-owned | Removed |
| 25 | 18 T 442564 5025995 | Manitoba Maple | 13 | 18 | 19 | | 16.66666667 | 1.666666667 | GOOD | Shared Roots, on the other side of fence. Multistem | Private on adjoining site | Retained |
| 26 | 18 T 442565 5025995 | American Elm | 28 | | | | 28 | 2.8 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 27 | 18 T 442556 5025991 | Siberian Elm | 29 | | | | 29 | 2.9 | GOOD | Along fence bordering parking lot and residential lands. Single Stem | Private Onsite | Removed |
| 28 | 18 T 442552 5025998 | Manitoba Maple | 34 | 14 | | | 24 | 2.4 | GOOD | Along fence bordering parking lot and residential lands. Multistem | Private Onsite | Removed |
| 29 | 18 T 442550 5025985 | Siberian Elm | 27 | | | | 27 | 2.7 | GOOD | Along fence bordering parking lot and residential lands. Single Stem | Private Onsite | Removed |
| 30 | 18 T 442554 5025976 | Manitoba Maple | 26 | | | | 26 | 2.6 | GOOD | Along fence bordering parking lot and residential lands. Single Stem | Private Onsite | Removed |
| | | | | | | | | | | | | |

| TREE ID | UTM NAD 83 | SPECIES | DBH (cm) | | | | AVG DBH (cm) | CRITICAL ROOT ZONE (m) | HEALTH | COMMENTS | OWNERSHIP | FATE |
|---------|------------------------|----------------|----------|----|----|----|--------------|------------------------|--------|---|---------------------------|----------|
| 31 | 18 T 442559 5025967 | Siberian Elm | 25 | | | | 25 | 2.5 | DEAD | Along fence bordering parking lot and residential lands. Cut at 1m, only live epicormics. Single Stem | Private Onsite | Removed |
| 32 | 18 T 442578 5025954 | Norway Maple | 28 | | | | 28 | 2.8 | GOOD | Within residential lands. Single Stem | Co-owned | Removed |
| 33 | 18 T 442587 5025958 | American Elm | 24 | 20 | 17 | 18 | 19.75 | 1.975 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 34 | 18 T 442590 5025958 | Manitoba Maple | 22 | | | | 22 | 2.2 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 35 | 18 T 442592 5025963 | White Cedar | 16 | 18 | 17 | | 17 | 1.7 | GOOD | In adjacent lands. Multistem | Private on adjoining site | Retained |
| 36 | 18 T 442590 5025961 | American Elm | 27 | | | | 27 | 2.7 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 37 | 18 T 442588 5025961 | White Cedar | 17 | | | | 17 | 1.7 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 38 | 18 T 442586 5025966 | White Cedar | 25 | | | | 25 | 2.5 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 39 | 18 T 442584 5025967 | Norway Maple | 10 | 12 | | | 11 | 1.1 | GOOD | In adjacent lands. Multistem | Private on adjoining site | Retained |
| 40 | 18 T 442582 5025967 | Norway Maple | 10 | | | | 10 | 1 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 41 | 18 T 442581 5025970 | Norway Maple | 10 | | | | 10 | 1 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 42 | 18 T 442580 5025973 | Norway Maple | 25 | | | | 25 | 2.5 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |

| TREE ID | UTM NAD 83 | SPECIES | DBH (cm) | | | | AVG DBH (cm) | CRITICAL ROOT ZONE (m) | HEALTH | COMMENTS | OWNERSHIP | FATE |
|---------|------------------------|--------------|----------|--|--|--|--------------|------------------------|--------|--------------------------------|---------------------------|----------|
| 43 | 18 T 442578 5025977 | Norway Maple | 16 | | | | 16 | 1.6 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 44 | 18 T 442578 5025977 | Norway Maple | 29 | | | | 29 | 2.9 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |
| 45 | 18 T 442591 5025967 | Blue Spruce | 39 | | | | 39 | 3.9 | GOOD | In adjacent lands. Single Stem | Private on adjoining site | Retained |

Figure 1 TREE LOCATIONS & SEARCH AREA AERIAL

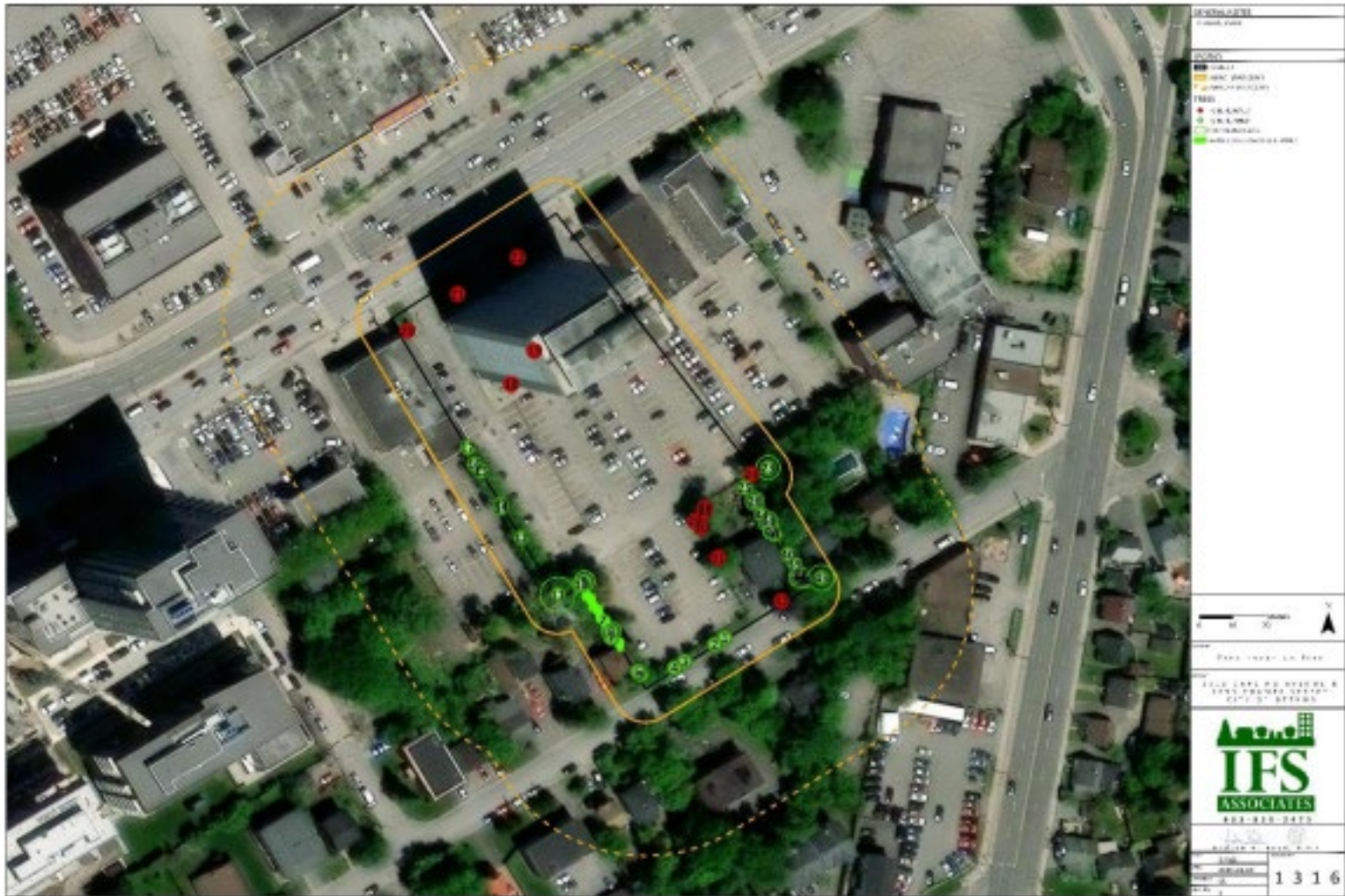


Figure 2 TREE LOCATIONS & SEARCH AREA AERIAL ZOOMED IN

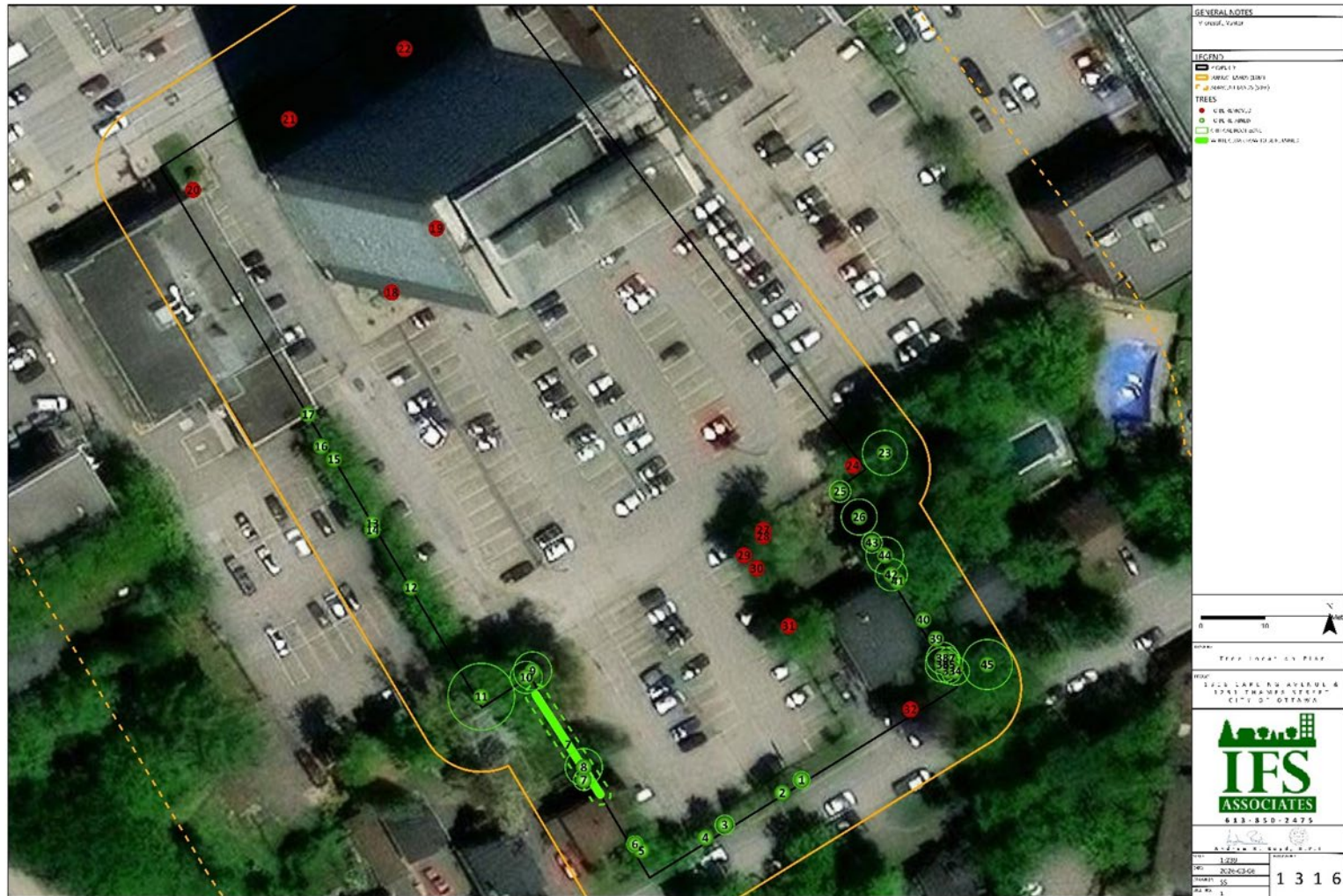


Figure 3 TREE LOCATIONS PLAN

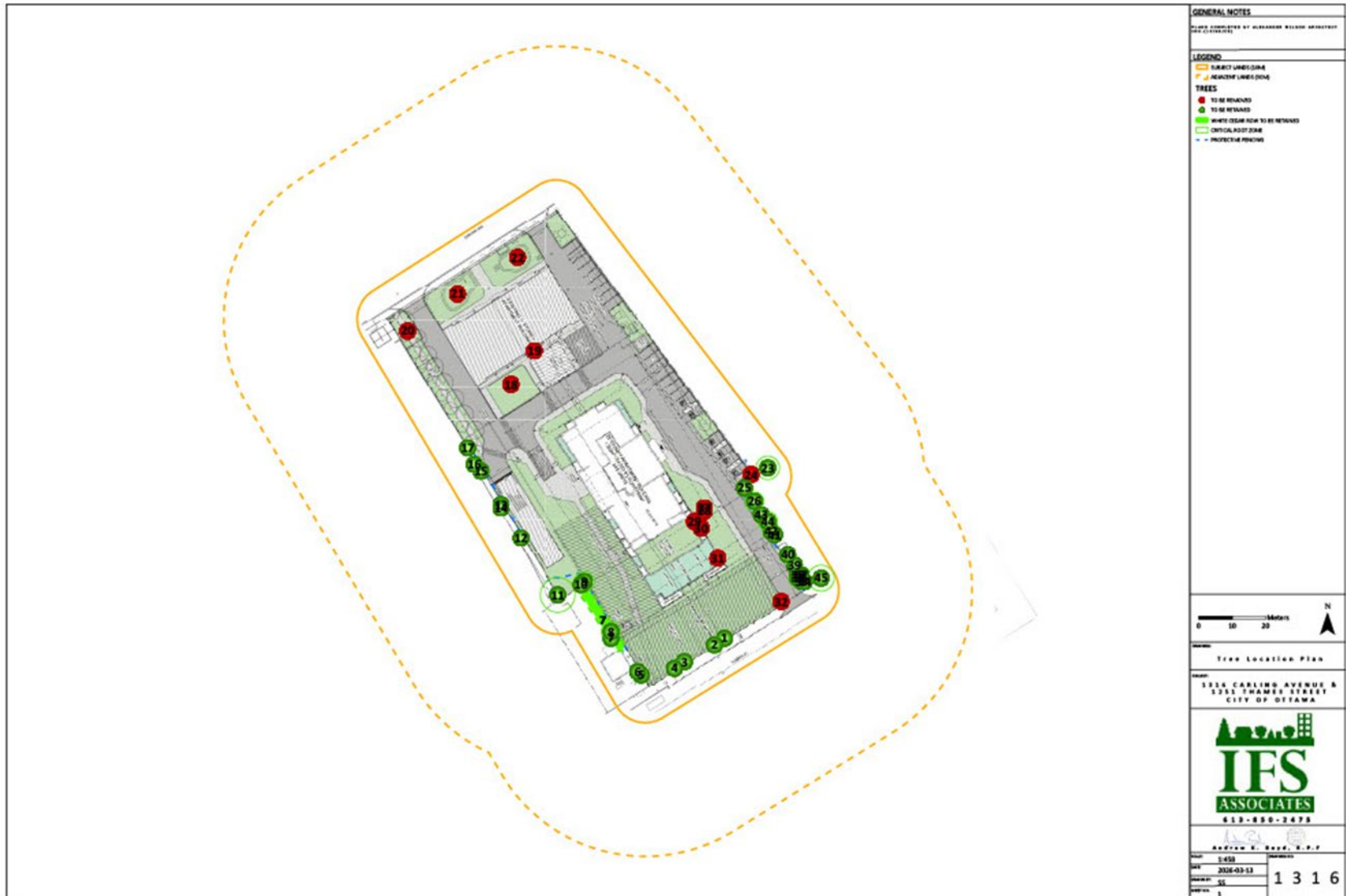
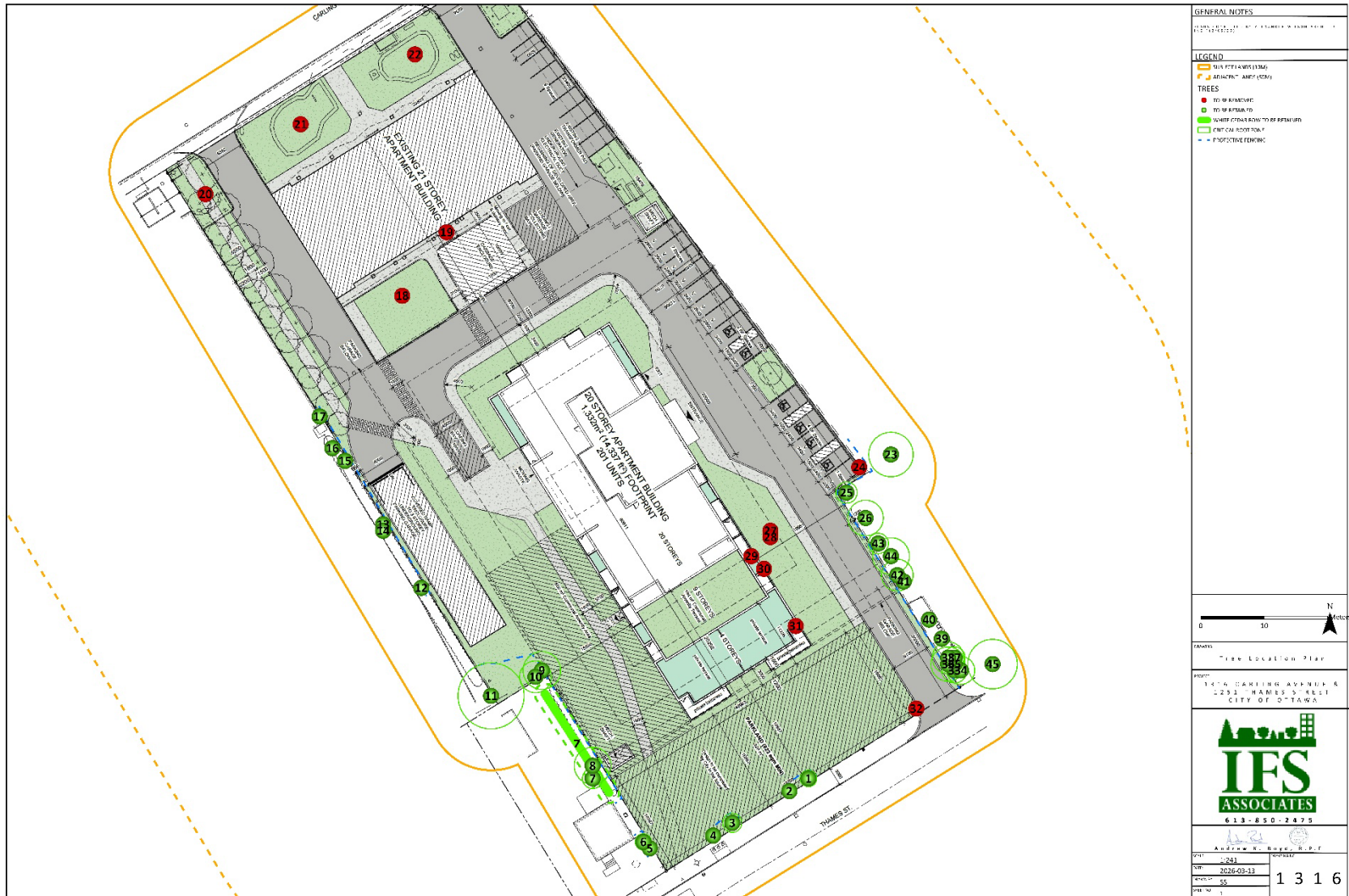
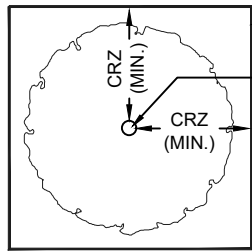


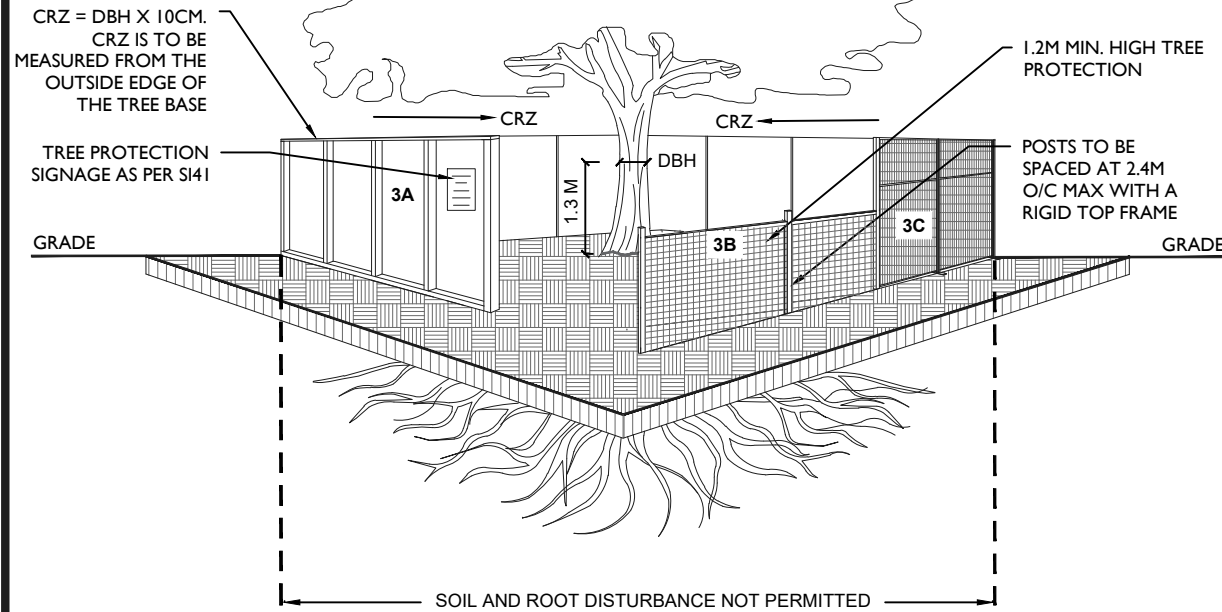
Figure 4 TREE LOCATIONS PLAN ZOOMED IN





TREE PROTECTION FENCING
TREE TRUNK

PLAN VIEW



TREE PROTECTION REQUIREMENTS:

1. TREE PROTECTION FENCING MUST BE INSTALLED PER THE TREE CONSERVATION REPORT (TCR) OR THE TREE INFORMATION REPORT (TIR), WHICH EVER APPLIES, AND MUST BE DETERMINED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF THE WORK AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
 2. FOR WORK WITHIN THE TREE PROTECTION ZONE (TPZ):
 - DO NOT PLACE OR STORE ANY MATERIAL, FILL OR EQUIPMENT (INCLUDING OUTHOUSES)
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
 - DO NOT RAISE OR LOWER THE EXISTING GRADE (SCRAPING OF THE TOP LAYER OF SOIL FOR FINAL GRADING MUST BE AVOIDED WITHIN THE CRZ, THIS INCLUDES FINAL LANDSCAPE/ REINSTATEMENT GRADING).
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE DIRECTED AWAY FROM THE TREE CANOPY
 - DO NOT EXTEND/REINSTATE HARD SURFACE WITHIN THE CRZ
 - DO NOT DISPOSE OF WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER
 - DO NOT OPERATE, PARK, REPAIR, OR REFUEL VEHICLES OR EQUIPMENT.
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREE
 - EXCAVATION SHALL BE CARRIED OUT BY TUNNELING, BORING OR HYDRO VAC
 3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS SUCH AS:
 - A. PLYWOOD HOARDING
 - B. SNOW FENCE
 - C. MODULAR STEEL PANELS
- INSTALLATION OF ALL FENCING TYPES, A, B OR C, MUST MINIMIZE DAMAGE TO EXISTING ROOTS.
4. ANY DEVIATION TO THE APPROVED TREE PROTECTION FENCING LOCATION MUST BE SUPERVISED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. MODIFICATIONS MAY INCLUDE THE INSTALLATION OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS, OR PERFORMING PROPER ROOT PRUNING AND CARE WHERE ROOTS ARE ENCOUNTERED.
 5. IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM MAY BE REQUIRED.
 6. THE CITY OF OTTAWA'S TREE PROTECTION BY-LAW (NO. 2020-340) AND STANDARD F-8011 APPLY



Tree Protection

SCALE: NTS

DATE: JANUARY 2026

DRAWING NO.: F7

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.