



### TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORK ACTIVITIES ON SITE.

SCALE: NTS  
DATE: MARCH 2021  
DRAWING NO.: 1 of 1

**TREE PROTECTION REQUIREMENTS**

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
  - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES.
  - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
  - DO NOT TRIM OR LOWER THE EXISTING GRADE.
  - TUNNEL OR BORE WHEN DIGGING.
  - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OF ANY TREE.
  - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
  - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. 100 DULC-STEEL, PLYWOOD HOARDING, OR 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC.). THE PLAN AND CONSTRUCTION FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE RECESSED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MEASURES INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2010-040 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREELAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE UPON REQUEST.

### LEGEND

**Tree Inventory**  
Refer to Table 1 of report dated 3 March 2021 for complete tree inventory information. All trees on and within six metres of the subject area were included in the inventory.

**Tree Removals**  
The removal of 93 trees will be required to accommodate the proposed development and/or due to their condition. Tree removals are indicated with RED and ORANGE labels.

**Tree Preservation**  
Preservation of all other tree resources will be possible with appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Minimum Tree Preservation zones and required Preservation Fencing are indicated in MAGENTA. TPZ circles represent minimum distances for construction and grading near trees.

Tree Label (RED), removal required due to development **X**

Tree location estimated by KFCI **○**

Tree Label (GREEN), preservation recommended **X**

Critical Root Zone (MAGENTA CIRCLE), with radius in metres from edge of tree **○**

Tree preservation fencing location **—**

Tree Label (ORANGE), removal recommended due to condition **X**

**TREE PROTECTION PLAN NOTES**  
Prior to site disturbance the owner must confirm that no migratory birds are making use of the site or nesting. The owner must ensure that the works are in conformance with the Migratory Bird Convention Act and that no migratory bird nests will be impacted by the proposed work. It is the applicants' responsibility to discuss potential tree injury of trees on shared property lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible for removal and such issues would be dealt with in civil court or through negotiation. The applicant would be required to replace such trees to the satisfaction of the City of Ottawa.

**TREE PROTECTION ZONE:** No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified on the Tree Protection Plan or Site Plan as a Tree Protection Zone (TPZ). No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of equipment is permitted within the TPZ. Grade changes are not permitted within established TPZ. The area(s) identified as a TPZ must remain undisturbed at all times.

**TREE PROTECTION BARRIERS:**  
For City-owned Trees:  
Tree protection barriers for trees situated on the City road allowance where visibility must be maintained, can be 1.2m (4ft) high and consist of chain link, or orange plastic web snow fencing on a 2" x 4" wood frame. All supports and bracing used to secure the barrier should be located outside the TPZ. All supports and bracing should minimize damage to roots outside the TPZ. Where some fill or excavate has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the TPZ. If the TPZ needs to be reduced to facilitate construction access, the tree protection barrier must be maintained at a lesser distance and the exposed TPZ protected with plywood and wood chips. This must first be approved by the City of Ottawa.

For trees on private property situated on or adjacent to construction sites:  
Tree protection barriers must be installed around trees to be protected using plywood clad hoarding or an equivalent approved by the City of Ottawa. All supports and bracing used to secure the barrier should be outside the TPZ. All such supports and bracing should minimize damage to roots outside the TPZ.

**General Note:**  
Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed and written notice provided to the City of Ottawa. Established tree protection zones must not be used as construction access, storage or staging areas. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. Written notice must be provided to the City of Ottawa prior to the removal of the tree protection barriers.

**ARBOCULTURAL WORK:**  
Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning, must be pruned by a qualified Arborist or other tree professional as approved by the City of Ottawa. All pruning of tree roots and branches must be in accordance with good arboricultural standards. Roots located outside the TPZ that have received approval from the City of Ottawa to be pruned must first be exposed by hand digging or by using a low pressure hydro vac method. This will allow a proper pruning cut and minimize tearing of the roots. The Arborist/professional retained to carry out crown or root pruning must contact the City of Ottawa no less than 48 hours prior to conducting any specified work.

No.	Issue/Revisions	Date	By
1	Report Submission	3 Mar '22	CB

Base Data: ANNIS, O'SULLIVAN, VOLLEMEK LTD. (topo), PETROFF (Site Plan)

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**Tree Inventory & Preservation Plan**

Project	P2949	Figure	1
Date	3 March 2022		
Scale	1:500		