

Tree Inventory

Refer to Table 1 of the report dated 29 November 2023 for the complete tree inventory information. Trees measuring 10cm DBH and greater on and within six meters of the subject site and trees of all sizes within the road right-of-way were included in the inventory.

Tree Removals

The removal of 72 trees will be required to accommodate the proposed development, as indicated with RED labels.

Tree Preservation

The preservation of five trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Required tree preservation fencing is indicated in MAGENTA. Tree protection measures must be employed prior to the commencement of the proposed works to ensure tree resources identified for preservation are not impacted.

Tree Label (GREEN), Preservation Recommended	X
Tree Label (RED), Removal Required	X
Tree Location Estimated by KFCI	○
Minimum Tree Protection Zone (MTPZ) of Tree Identified for Preservation (Solid MAGENTA circle)	○
Dipline of Tree Identified for Preservation (dashed CYAN circle)	○
Minimum Tree Protection Zone (MTPZ) of Tree Identified for Removal (Solid RED circle)	○
Only Shown for Select Trees	○
Dipline of Tree Identified for Removal (dashed RED circle)	○
Only Shown for Select Trees	○
Location of Required Tree Preservation Fencing (thick MAGENTA)	—

TREE PROTECTION PLAN NOTES

- It is the applicant's responsibility to disclose potential impacts to trees located near or within an adjacent residential or commercial property. The applicant may be held responsible through civil action. The applicant would also be required to replace such trees to the satisfaction of Urban Forestry.
- Tree protection barriers shall be installed to standards as detailed in this document and to the satisfaction of Urban Forestry.
- Tree protection barriers must be installed using plywood deck having minimum 18mm or 3/4" thick or an equivalent approved by Urban Forestry.
- Where required, signs as specified in Section 4, Tree Protection Signage must be attached to all sides of the barrier.
- Prior to the commencement of any site activity such as site alteration, demolition or construction, the tree protection measures specified in this plan must be installed to the satisfaction of Urban Forestry.
- Once all tree protection measures have been installed, Urban Forestry staff must be contacted to arrange for an inspection of the site and approval of the tree protection requirements. Photographs that clearly show the installed tree protection shall be provided to Urban Forestry review.
- Where changes to the location of the approved MTPZ or barrier are required, they must be approved by Urban Forestry.
- Tree protection barriers must remain in place and in good condition during demolition, construction and/or site preparation.
- No construction activities including grade changes, surface treatments or excavation of any kind are permitted within the area identified on the Tree Protection Plan or Site Plan as a tree protection zone (TPZ). No soil cutting, pile driving, or any other activity that may cause vibration or ground movement is permitted within the TPZ. No storage of materials or fill is permitted within the TPZ. No movement or storage of equipment or materials is permitted within the TPZ. The area(s) identified as a TPZ must be protected and maintained in good condition throughout the project.
- All activities that require excavation, drilling and/or the installation of the protection barrier must be approved by Urban Forestry prior to construction.
- The minimum tree protection zone (MTPZ) must be reduced to establish continuous access, the tree protection barrier must be maintained at lesser distance and the exposed portion of TPZ must be protected using a horizontal rod protection method approved by Urban Forestry.
- Any root or branches indicated on the plan which require pruning, as approved by Urban Forestry, must be pruned by an arborist. All pruning of tree roots and branches must be in accordance with good arboricultural practice (GAP) excavation, by hand digging or by a suitable low pressure hydraulic cutter excavation. The water pressure for hydraulic excavation must be low enough that root bark is not damaged or removed. This will allow proper root out growth and healing of the wound. The arborist is required to submit a report of root pruning to the City of Guelph. Urban Forestry will review the report and provide approval for root pruning.
- The applicant shall provide all by-law required fees, the cost of arborist fees that have not been approved for removal thereof, and the cost of arborist services to the satisfaction of Urban Forestry.
- Conditions of release including the application to the Great Tree By-law and Private Tree By-law are subject to a fine of \$100,000 per tree, and/or a maximum fine of \$500 and a maximum fine of \$100,000 per tree, and/or a Special Fine of \$100,000. The landsowner may be ordered by the City to stop the contravening activity or ordered to undertake work to correct the contravention.
- The owner must ensure that the works are in accordance with the Migratory Bird Convention Act and that no specified work will be impacted by the proposed work no less than 48 hours prior to conducting any specified work.

No.	Issue/Revisions	Date	By
1	Report Submission	29 Nov. 23	KNH

Base Data: KRCOAR Surveyors Ltd. (survey), SVN Architects + Planners (site and landscape)

KUNTZ FORESTRY CONSULTING INC.

148 Lakeshore Road West
PO Box 1287 Lakeshore W/PO
Oakville ON L6K 0B3
e: kuntz@kuntzforestry.ca
t: 905.885.0788
www.kuntzforestry.ca

Client: **SVN Architects + Planners**
110 Adelaide Street East
Toronto, Ontario M5C 1L7

Property: **1 Clair Road East**
Guelph, Ontario

Project: **P4032**
Tree Inventory and Preservation Plan

Date: **29 November 2023**
Scale: **1:300**
Figure: **1**

TREE PROTECTION ZONE (TPZ)

NO GRADE CHANGE

NO STORAGE OF MATERIALS

NO STORAGE OF EQUIPMENT

NO UNAUTHORIZED ENTRY

NO TREE INJURY OR REMOVAL

NO DISTURBANCE OF ANY KIND

THIS FENCING MUST NOT BE DAMAGED OR MOVED

CONTRACT: Contractor name and telephone number of contact

City of Guelph: Forestry 519-837-5656 (parkings@city.guelph.ca)

Forestry 519-837-5658 (plantings@city.guelph.ca)

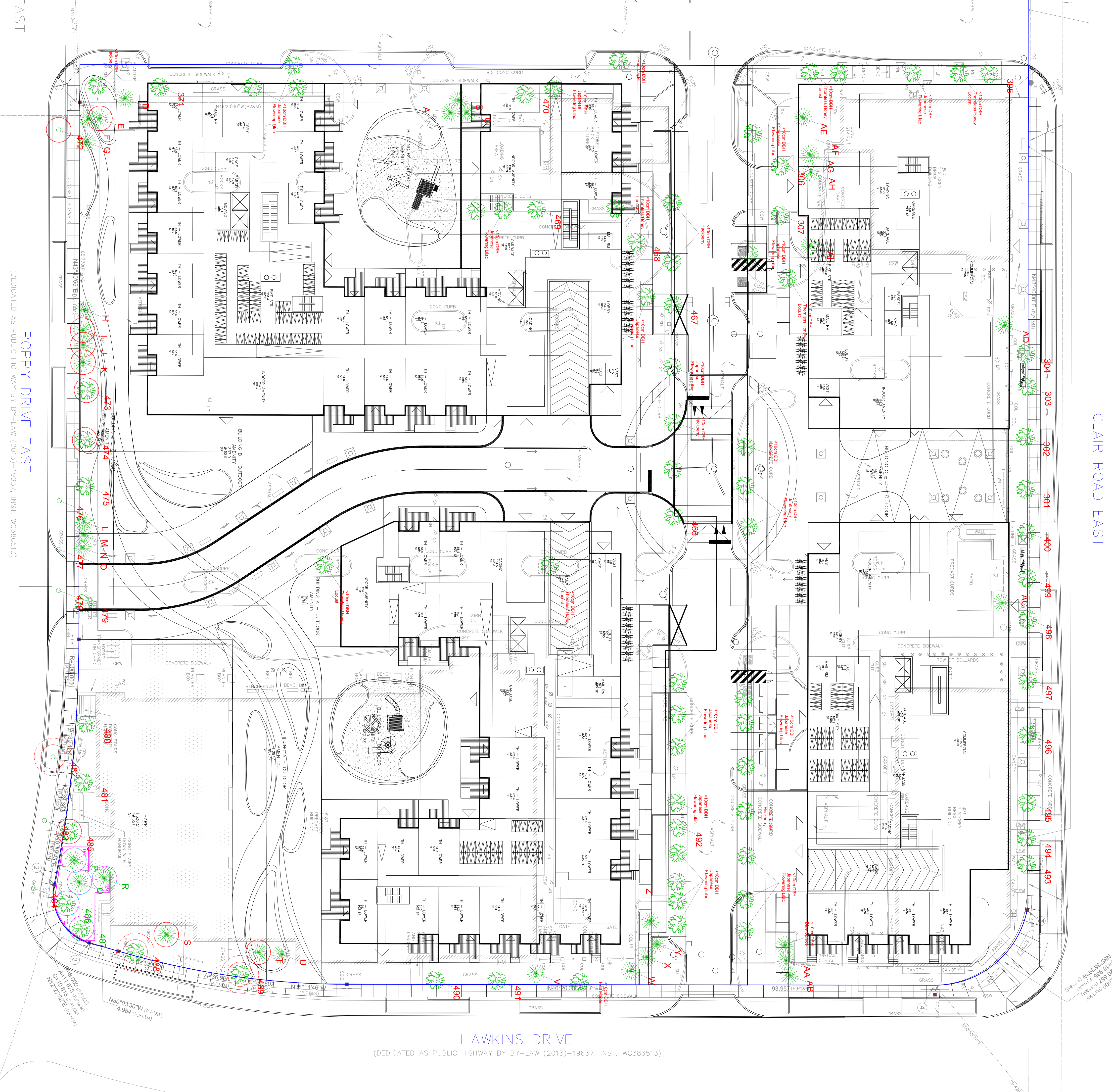
40 CM MIN. 60 CM MIN.

Sign Design, Installation and Maintenance: TPZ information signs shall be constructed from metal, constructed to meet the minimum standards for durability and weather resistance. Signs shall be installed in the right location throughout the duration of site development works. Signs shall be clearly legible with black text on a white background being preferred design.

Sign Content: The TPZ information sign shall, at a minimum, provide a list of activities prohibited within the TPZ, a warning that the TPZ is a protected area, and a warning that any damage to the TPZ will result in prosecution. The sign shall also state that TPZ fencing shall not be changed or removed without the written approval of the City of Guelph. The sign shall be clearly legible and shall be displayed on the TPZ information sign.

Sign Placement: TPZ information signs shall be affixed to posts no less than 20 m apart on each side of tree protection fencing at a height of no less than 100 cm.

Sign Size: TPZ information signs shall be a minimum of 40 cm x 60 cm in size.



CITY OF GUELPH STANDARD DRAWING

TREE PROTECTION ZONE (TPZ)

FENCE DETAIL

Scale: **1:300**

Figure: **1**