

LEGEND

Tree Inventory

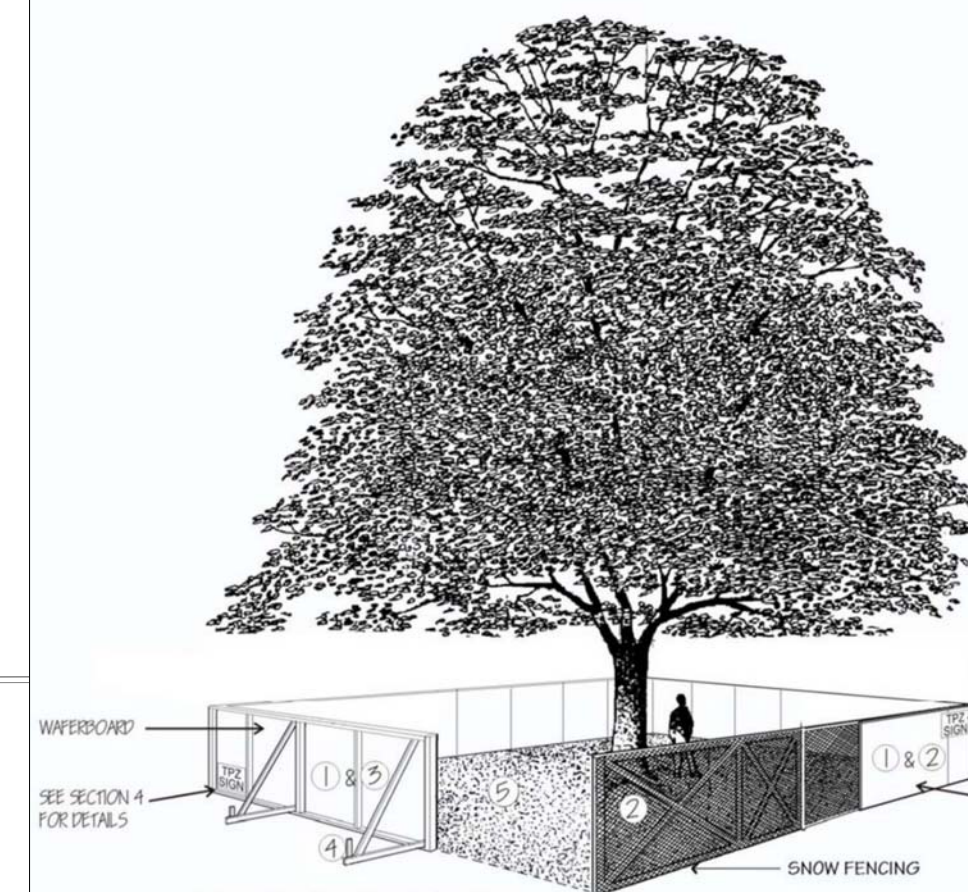
Refer to Table 1 of the report dated 21 July 2023. All neighbouring and shared trees with the potential to be impacted by the proposed development were included in the inventory.

Tree Removals

The removal of two trees will be required to accommodate the proposed development. Trees identified for removal are indicated with RED labels.

Tree Preservation

The preservation or conditional preservation of all remaining trees will be possible with the use of appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the commencement of the proposed works. Minimum tree protection zones (mTPZs) and required tree preservation fencing locations are indicated in MAGENTA. Driplines and root pruning trench locations are indicated in CYAN. Refer to Tree Protection Plan Notes for preservation details.



Tree Protection Barriers

- 1 Tree protection barriers must be 1.2m (4ft) high, waterboard hoarding or an equivalent approved by Urban Forestry Services.
- 2 Tree protection barriers for trees situated on the Town road allowance where visibility must be maintained can be 1.2m (4ft) high and consist of plastic web snow fencing on a wood frame made of 2x 4's.
- 3 Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
- 4 All supports and bracing should be outside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
- 5 No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

TREE PROTECTION PLAN NOTES

Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for 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 Town of Fort Erie.

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 vehicles or 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 Town-owned trees:
Tree protection barriers for trees situated on the Town 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 Town of Fort Erie.

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 Town of Fort Erie. All supports and bracing to safely 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 Town of Fort Erie. 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 Town of Fort Erie prior to the removal of the tree protection barriers.

ARBORICULTURAL 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 Town of Fort Erie. 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 Town of Fort Erie 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/tree professional retained to carry out crown or root pruning must contact the Town of Fort Erie no less than 48 hours prior to conducting any specified work.

Tree label (GREEN), preservation or conditional preservation possible X

Tree label (RED), removal required X

Minimum tree protection zone (mTPZ) of tree identified for preservation (solid MAGENTA circle)

Minimum tree protection zone (mTPZ) of tree identified for removal (solid RED circle)

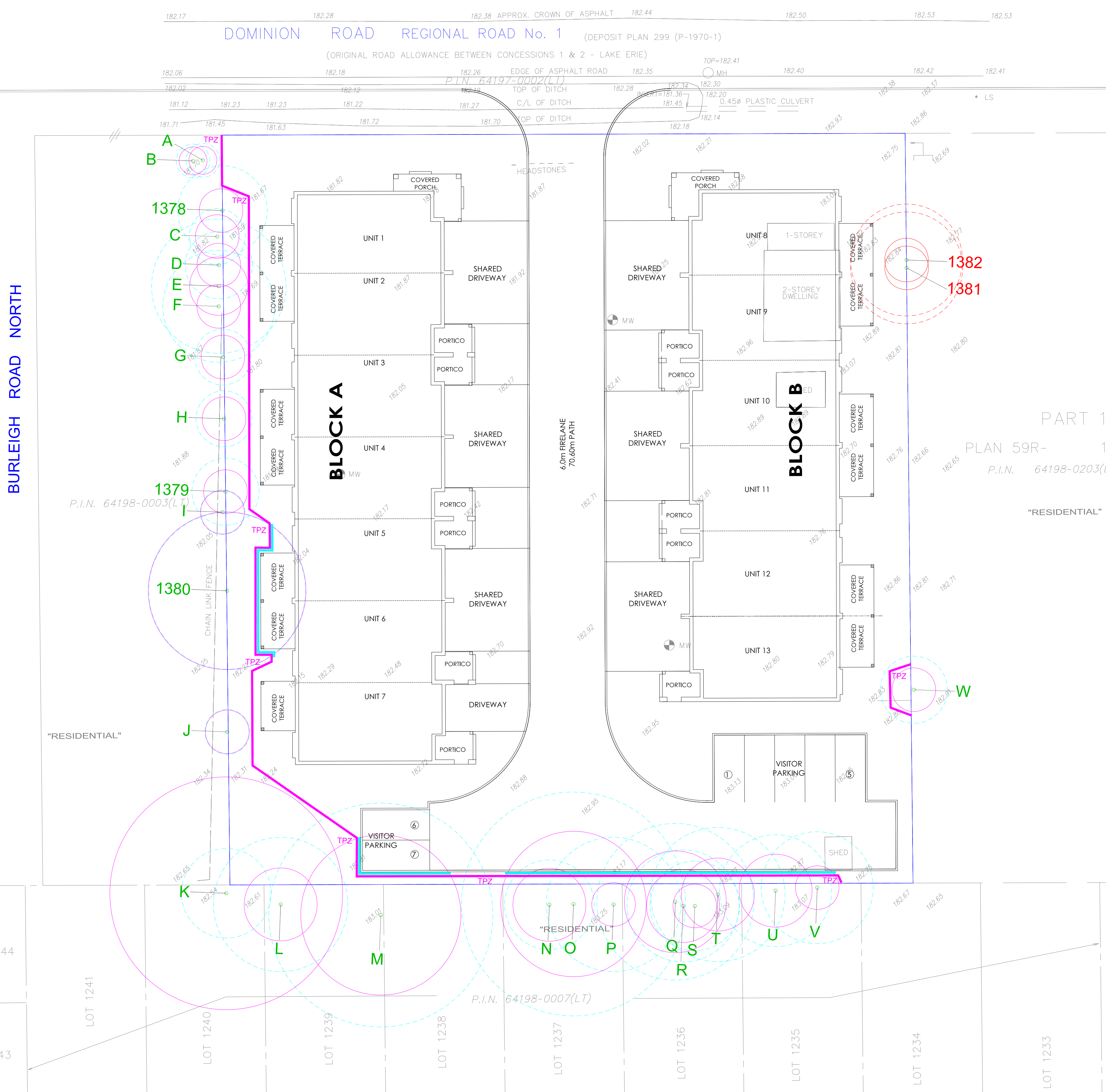
Dripline of tree identified for preservation (dashed CYAN circle)

Dripline of tree identified for removal (dashed RED circle)

Location of heavy-duty tree preservation fencing (thick solid MAGENTA)

Location of root pruning trench (thick solid CYAN)

Tree location collected by KFCl using backpack GPS unit (Trimble R2 GNSS receiver)



No.	Issue/Revisions	Date	By
1	Report Submission	21 Jul '23	KNH

Base Data:

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Fort Erie, Ontario

Tree Impact Analysis

Project	P3866	Figure 1
Date	21 July 2023	
Scale	1:200	