Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Owner	Action
849	Norway Spruce	*Picea abies*	43	G	G	G		2.5		Private	Remove
850	Cottonwood	*Populus deltoides*	31, 20	F	F	G		4.0	Union at 0.3m, asymetrical crown (L), poor form (L)	Private	Remove
851	Norway Spruce	*Picea abies*	11	G	G	G		1.5		Private	Remove
852	Norway Spruce	*Picea abies*	14	G	G	G		1.0		Private	Remove
853	Norway Spruce	*Picea abies*	16	G	G	G		1.5		Private	Remove
854	Norway Spruce	*Gleditsia triacanthos "inermis"*	53	G	G	G		3.5		Private	Remove
855	Norway Spruce	*Picea abies*	~13	G	G	G		1.0		Private	Remove
856	Cottonwood	*Populus deltoides*	81	G	F/P	F/P	40	7.0	Union at 2.2m, crown dieback (H). Large dead branch leaning towards house. HAZARD.	City	Remove (condition)
857	Thornless Honey Locust	*Gleditsia triacanthos "inermis"*	56	G	F	G		6.0	Union at 1.5m and 2.5m	Private	Remove
858	Black Cherry	*Prunus serotina*	20	G/F	F	G/F		3.0	Leaning south (L), asymetrical crown (M)	Private	Remove
859	White Spruce	*Picea glauca*	51	G	G	G		3.0		Private	Remove
860	Thornless Honey Locust	*Gleditsia triacanthos "inermis"*	26	G/F	G/F	G		4.0	Leaning west (L), asymetrical crown (L)	Private	Remove
861	Silver Maple	*Acer saccharinum*	94	G	F	G		11.0	Union at 2m, poor form (M)	Private	Remove
A	White Spruce	*Picea glauca*	~30	G	G/F	G		2.5	Asymetrical crown (L)	Neighbor	Injure
B	White Cedar	*Thuja occidentalis*	~22	G/F	F	F		2.0	Leaning west (L), asymetrical crown (M), poor vigor (M), poor form (L)	Neighbor	Injure
C	Silver Maple	*Acer saccharinum*	~31, 25, 26, 27, 32	F	G/F	G/F		4.0	Co-dominant at base, poor vigor (L)	Neighbor	Injure
D	White Pine	*Pinus strobus*	~55	G	F	G		5.0	Union at 4m, poor form (M)	Neighbor	Remove
E	Red Pine	*Pinus resinosa*	~25	G	F/P	F		4.0	Leaning south (L), asymetrical crown (H), poor form (M), poor vigor (H)	Neighbor	Preserve
F	Red Pine	*Pinus resinosa*	~30	G	F/P	F		4.0	Asymetrical crown (M), poor vigor (M)	Neighbor	Preserve
G	Manitoba Maple	*Acer negundo*	~10	F	F	F		3.5	Leaning south (M), poor form (M)	Neighbor	Remove
H	White Spruce	*Picea glauca*	~62	G/F	G/F	G		3.5	Poor form (L), bowed (L), leaning south (L)	Neighbor	Remove
I	Staghorn Sumac	*Rhus typhina*	~10	G/F	F	G		2.0	Union at 1.5m	Neighbor	Remove
J	Basswood	*Tilia americana*	~30, 30, 27	F	G/F	G		5.0	Co-dominant at base, leaning south (M), asymetrical crown (L)	Neighbor	Remove
P1	White Cedar	*Thuja occidentalis*	~5-15	G	G	G		2.0	38 stems. Average DBH 10cm	Private/ Neighbour	Remove

Codes		
DBH	Diameter at Breast Height	*(cm)*
TI	Trunk Integrity	*(G, F, P)*
CS	Crown Structure	*(G, F, P)*
CV	Crown Vigor	*(G, F, P)*
CDB	Crown Die Back	*(%)*
DL	Dripline	*(metres)*
~ =		

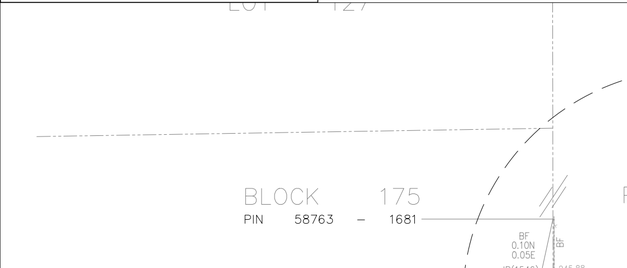
TREE PROTECTION PLAN NOTES

- It is the applicants' responsibility to discuss potential impacts to trees located near or wholly on adjacent properties or on shared boundary lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible through civil action. The applicant would also be required to replace such trees to the satisfaction of Development Service's Parks Planning.
- Tree protection barriers shall be installed to standards as detailed in this document and to the satisfaction of Development Service's Parks Planning.
- Prior to the commencement of any site activity such as site alteration, demolition or construction, the tree protection measures specified on this plan must be installed to the satisfaction of Development Service's Parks Planning.
- Once all tree/site protection measures have been installed, Development Service's Parks Planning staff must be contacted to arrange for an inspection of the site and approval of the tree/site protection requirements. Photographs that clearly show the installed tree/site protection shall be provided for Development Service's Parks Planning review.
- Where changes to the location of the approved TPZ or sediment control or where temporary access to the TPZ is proposed, Development Service's Parks Planning must be contacted to obtain approval prior to alteration.
- Tree protection barriers must remain in place and in good condition during demolition, construction and/or site disturbance, including landscaping, and must not be altered, moved or removed until authorized by Development Service's Parks Planning.
- 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 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. The area(s) identified as a TPZ must be protected and remain undisturbed at all times.
- All additional tree protection or preservation requirements, above and beyond the installation of tree protection barriers, must be undertaken or implemented as detailed in the Urban Forestry Approved Arborist Report and/or the approved tree protection plan and to the satisfaction of Development Service's Parks Planning.
- Any roots or branches indicated on this plan which require pruning, as approved by Development Service's Parks Planning, must be pruned by an arborist. All pruning of tree roots and branches must be in accordance with good arboricultural practice. Roots that have received approval from Development Service's Parks Planning to be pruned must first be exposed using pneumatic (air) excavation, by hand digging or by a using low pressure hydraulic (water) excavation. The water pressure for hydraulic excavation must be low enough that root bark is not damaged or removed. This will allow a proper pruning cut and minimize tearing of the roots. The arborist retained to carry out crown or root pruning must contact Development Service's Parks Planning no less than three working days prior to conducting any specified work.
- The applicant/owner shall protect all by-law regulated trees in the area of consideration that have not been approved for removal throughout development works to the satisfaction of Development Service's Parks Planning.
- 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 no less than 48 hours prior to conducting any specified work. If tree removals are to occur within species at risk bat habitat, the owner must also confirm that no species at risk bats are making use of the tree(s) for maternity roosting prior to tree removals.

Owner Signature

REGISTERED PROFESSIONAL FORESTER 1451 PETER KUNTZ ONTARIO

0 5 10 20 Metres



LEGEND

- Required Tree Protection Fencing Location per BSD-1232
- Required Air Spade Excavation
- Dripline of trees within polygon to be preserved (dripline estimated by KFCI)
- Dripline of tree to be removed - location surveyed by OLS (dripline estimated by KFCI)
- Dripline of tree to be retained - location surveyed by OLS (dripline estimated by KFCI)
- Dripline of tree to be retained - tree location estimated by KFCI
- Dripline of tree to be removed - tree location estimated by KFCI
- Tree Label removal recommended (X)
- Tree Label removal recommended (due to condition) (X)
- Tree Label preservation recommended (X)
- Property Line

Issue	Issue/Revisions	Date	By
1	Report Submission	6 Dec. '22	IB
2	Report Revision	14 Jul. '23	IB
3	TP-1 Revision	3 May '24	IB

Base Data: Pearson & Pearson Surveying Ltd. (topo)

Tree Inventory

Refer to Table 1 for complete tree inventory information. All tree resources 10 cm in diameter and larger located on and within 6 metres of the subject property and trees of all sizes within the road right-of-way and on neighbouring properties were included in the inventory.

Tree Removals

The removal of 17 trees and one (1) polygon will be required to accommodate the proposed development.

Tree Preservation

Preservation of the remaining trees will be possible with appropriate tree protection measures. Tree protection measures must be implemented prior to construction.

PART OF LOTS 5 & 6
CITY OF BARRIE
COUNTY OF SIMCOE
REGISTERED PLAN 1192

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Richmond Hill, ON L4E 4X5

Property
340 and 334 Ardagh Road
Barrie, ON

Tree Inventory and Preservation Plan

Project	P3539
Date	5 December 2022
Scale	1:200

Figure
TP-1