

EXISTING TREE INVENTORY - GROUPS

Key	Botanical Name	Common Name	DBH	Owner	Remarks	Recomm.
GROUP A						
A	Quercus macrocarpa	Bur oak	10 to 20cm	Client	In good condition and many regenerating	Conflict
A	Populus tremuloides	Trembling Aspen		Client	oak stems are present	Conflict
A	Fraxinus americana	White Ash		Client	Most of the ash trees are in very poor condition due to emerald ash borer	Conflict
A	Tilia americana	Basewood		Client		Conflict
A	Prunus pennsylvanica	Green Ash		Client		Conflict
A	Acer negundo	Manitoba Maple		Client		Conflict
A	Ulmus americana	White Elm		Client		Conflict
A	Salix	Willow		Client		Conflict
GROUP B						
B	Fraxinus americana	White Ash		Client		Conflict
B	Ulmus americana	White Elm	30cm MAX	Client	Very little leaf-out	Conflict
B	Acer negundo	Manitoba Maple		Client		Conflict
B	Fraxinus pennsylvanica	Green Ash		Client		Conflict
GROUP C						
C	Quercus macrocarpa	Bur oak		Client	Regenerating stems	Conflict
C	Tilia americana	Basewood	30cm MAX	Client		Conflict
C	Fraxinus pennsylvanica	Green ash		Client		Conflict
C	Acer glabrum	Red maple		Client	Minor representation of volunteers	Conflict
C	Sorbus aucuparia	European mountain ash		Client		Conflict

Legend	Condition	Remove	Remove due to tree health or invasive status.
G	Good	PROTECT	Protect trees as per contract details and specifications.
F	Fair	PROTECT	Protect trees as per contract details and specifications.
P	Poor	Conflict	Remove due to conflict with the design
VP	Very Poor	Conflict	Remove due to conflict with the design

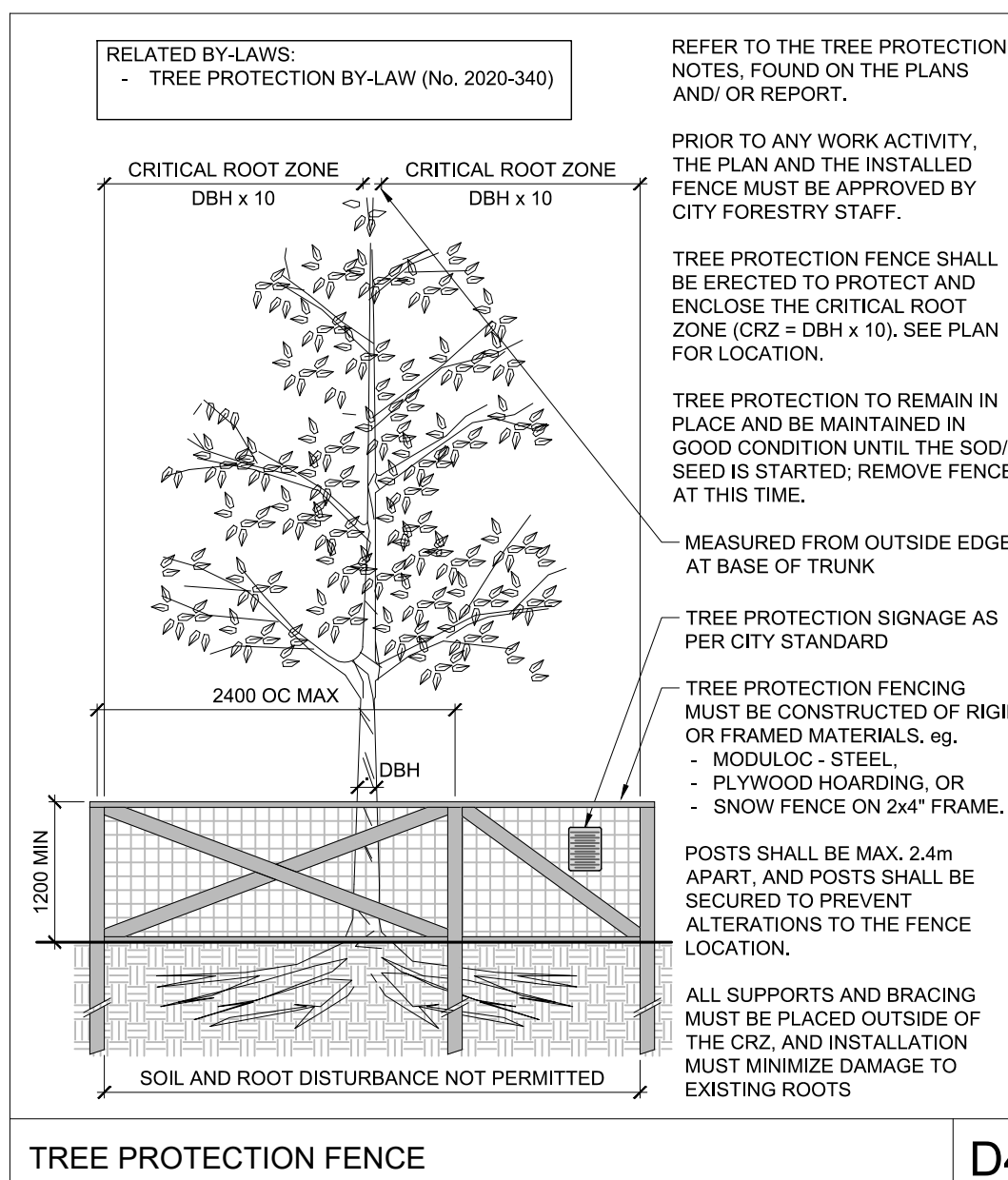
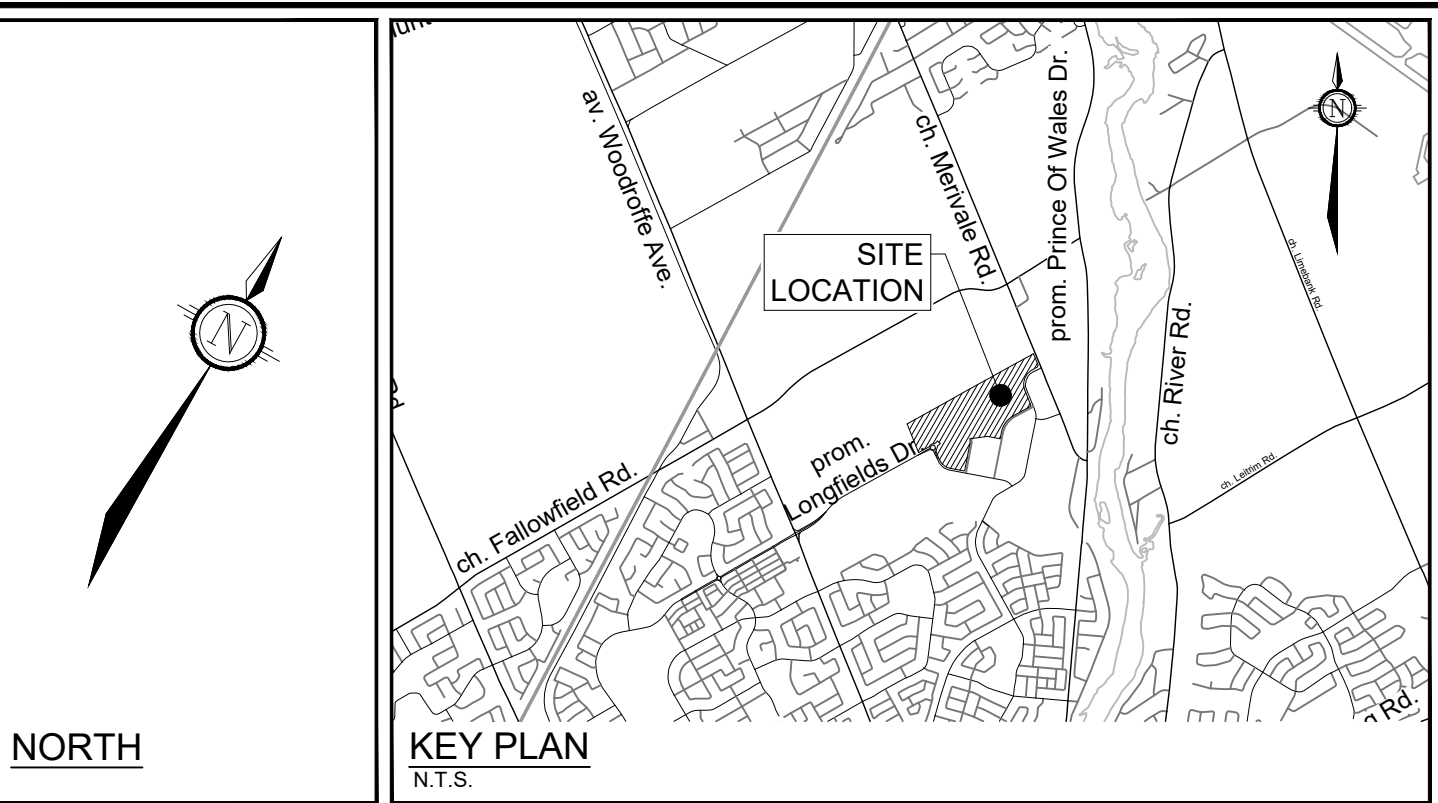
Key	Botanical Name	Common Name	DBH	Owner	Remarks	Recomm.
GROUP D						
D	Acer negundo	Manitoba Maple	25cm MAX	Client	Flour structure with several nearby horizontal trunks near the base of trees	PROTECT
D	Fraxinus americana	White Ash		Client	Appeared dead, cavities at the top of leafless trunks	PROTECT
GROUP E						
E	Populus tremuloides	Trembling Aspen	44cm MAX	Client	Dominant in small thicket areas in the east portion	PROTECT
E	Ulmus americana	White elm		Client		PROTECT
E	Picea glauca	White spruce		Client		PROTECT
E	Ulmus pumila	Siberian elm	10 to 30cm	Client		PROTECT
E	Salix	Crack willow		Client		PROTECT
E	Acer negundo	Manitoba Maple		Client		PROTECT
E	Salix	Slender willow and Bebb's willow		Client	Shrubs	PROTECT
GROUP F						
F	Quercus alba	Red oak		Neighbour	Along the Paragon ave	PROTECT
F	Gleditsia	Honeylocust		Neighbour		PROTECT
F	Picea glauca	White spruce		Neighbour		PROTECT
F	Thuja occidentalis	White cedar		Neighbour		PROTECT
F	Fraxinus americana	Trembling aspen		Neighbour	Regenerating stems	PROTECT

TREE PROTECTION

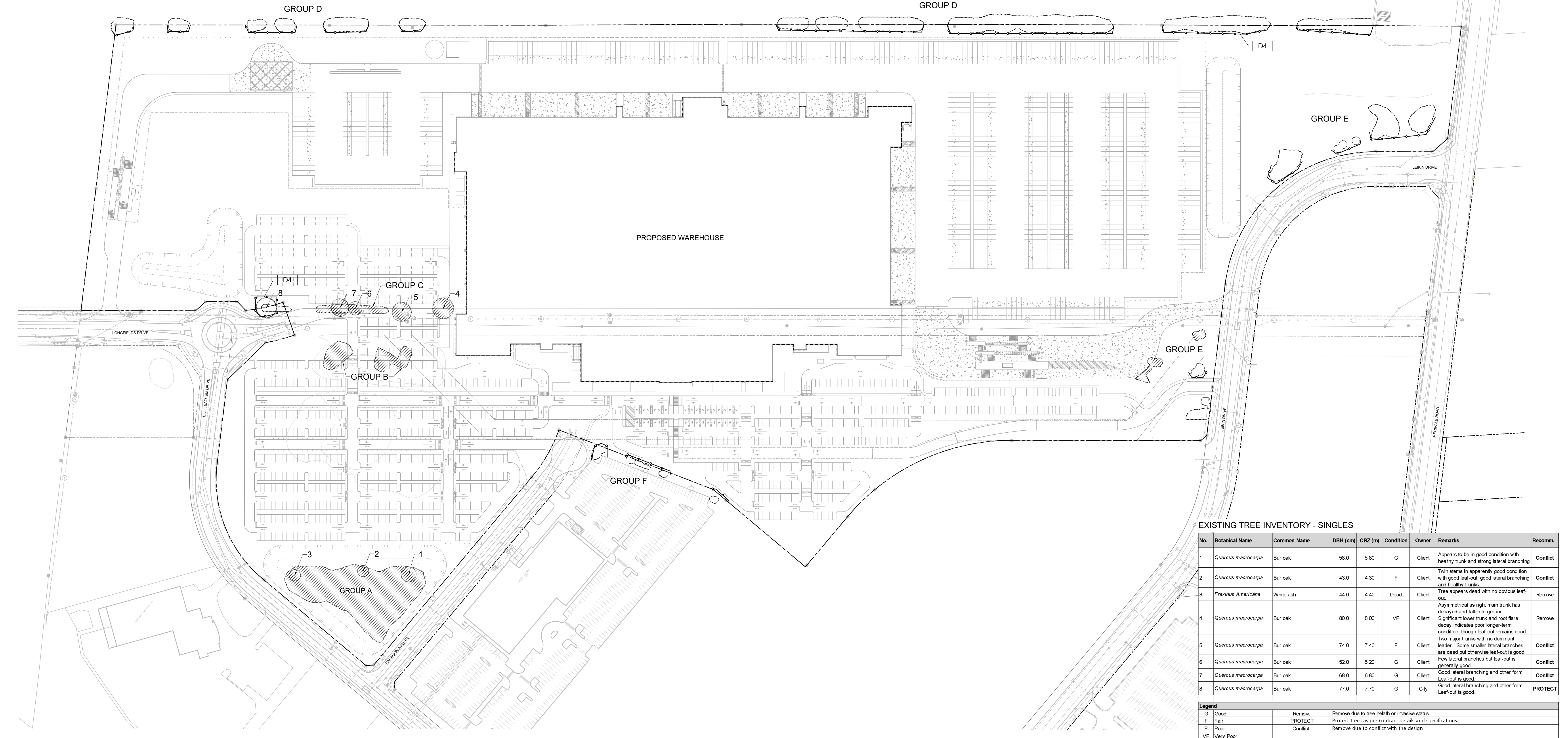
- Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:
- The Landscape Architect or Certified Arborist is to determine the location of the tree protection fencing and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
 - Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
 - Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
 - Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
 - Do not attach any signs, notices, or posters to any tree.
 - Do not disturb, raise, or lower the existing grade within the CRZ without approval.
 - Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ, absolutely no machinery permitted.
 - Do not damage the root system, trunk, or branches, or any tree.
 - Do not extend hard surface or significantly change landscaping.
 - Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
 - When trees marked for removal overlap with the CRZ of trees marked for preservation, cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ.
 - Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
 - If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
 - Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
 - The Landscape Architect is to prescribe mitigation measures if the protected forest area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
 - City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).

LEGEND

- 3-D1 DETAIL SHEET # - NOVATECH OR CITY FOR CODE
EG. L1, L2, ETC. DETAIL NUMBER SEE LIST FOR CODE
- PROPERTY LIMIT
 - EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
 - EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
 - EXISTING TREE GROUP TO BE RETAINED
 - EXISTING TREE GROUP TO BE REMOVED
 - TREE PROTECTION FENCE



D4



EXISTING TREE INVENTORY - SINGLES

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	Quercus macrocarpa	Bur oak	58.0	5.80	G	Client	Appears to be in good condition with healthy trunk and strong lateral branching	Conflict
2	Quercus macrocarpa	Bur oak	43.0	4.30	F	Client	Twin stems in apparently good condition with good leaf-out, good lateral branching and healthy trunks.	Conflict
3	Fraxinus Americana	White ash	44.0	4.40	Dead	Client	Tree appears dead with no obvious leaf-out.	Remove
4	Quercus macrocarpa	Bur oak	80.0	8.00	VP	Client	Asymmetrical as right main trunk has decayed and fallen to ground. Significant lower trunk and root flare decay indicates poor longer-term condition, though leaf-out remains good.	Remove
5	Quercus macrocarpa	Bur oak	74.0	7.40	F	Client	Two major trunks with no dominant leader. Some smaller lateral branches are dead but otherwise leaf-out is good.	Conflict
6	Quercus macrocarpa	Bur oak	52.0	5.20	G	Client	Few lateral branches but leaf-out is generally good.	Conflict
7	Quercus macrocarpa	Bur oak	68.0	6.80	G	Client	Good lateral branching and other form. Leaf-out is good.	Conflict
8	Quercus macrocarpa	Bur oak	77.0	7.70	G	City	Good lateral branching and other form. Leaf-out is good.	PROTECT

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NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

SCALE	1:1250	FOR REVIEW ONLY	NOVATECH ENGINEERS, PLANNERS & LANDSCAPE ARCHITECTS	LOCATION CITY OF OTTAWA 99 BILL LEATHAM, 2 & 20 LEIKEN DRIVE
1 ISSUED FOR SITE PLAN APPLICATION	OCT 29/24	RGJ	Telephone (613) 254-9643 Facsimile (613) 254-5867 Website www.novatech-eng.com	DRAWING NAME TREE CONSERVATION REPORT EXISTING CONDITIONS
NO. REVISION	DATE	BY	PROJECT NO. 124123	REV # 1
				124123-TCR1