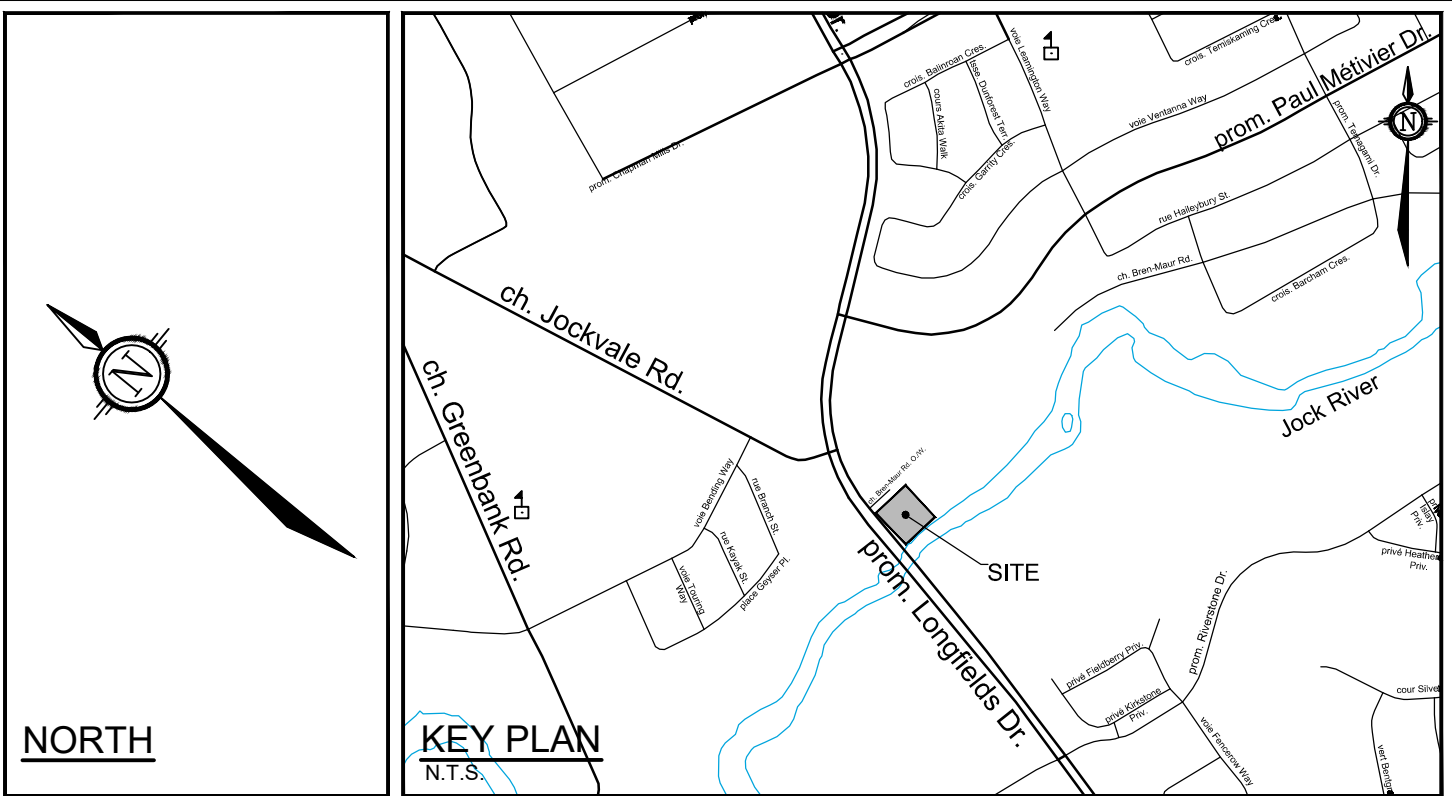




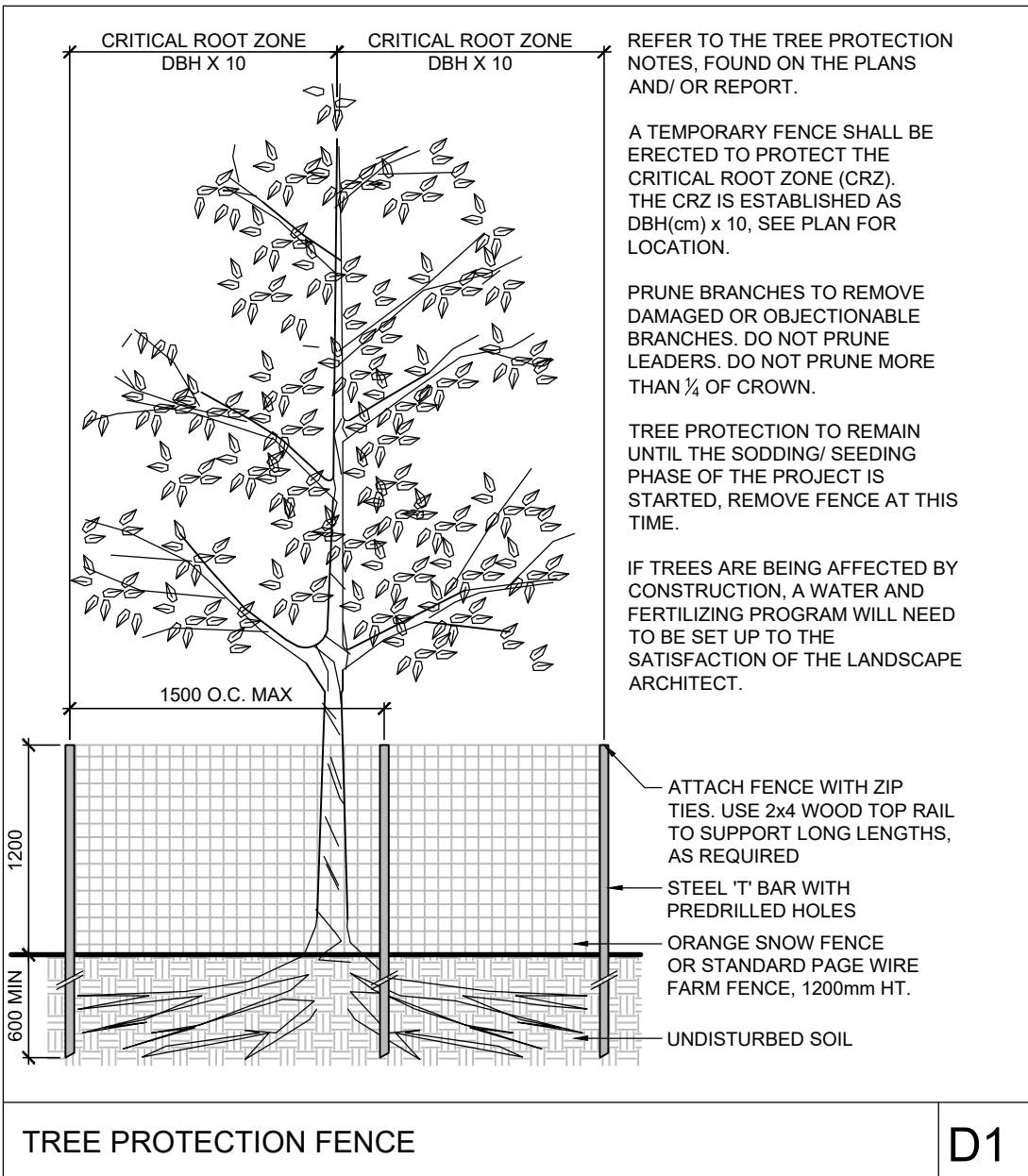
TREE PROTECTION

- 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:

1. 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.).
2. Under the guidance of the 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.
3. 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.
4. Do not place any material or equipment within 2m of the CRZ of any tree, including outcrops.
5. Do not add any signs, notices, or posters to any tree.
6. Do not disturb, raise, or lower the existing grade within the CRZ without approval.
7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
8. Do not damage the root system, trunk, or branches, or any tree.
9. Do not extend hard surface or significantly change landscaping.
10. Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
11. 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.
12. Prior to 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.
13. If any tree or branch breaks 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.
14. The Landscape Architect is to prescribe mitigation measures if the protected fenced 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 and any movement of trees.
15. 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).

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	<i>Acer saccharinum</i>	Silver Maple	80.0	8.00	G	Private		PROTECT
2	<i>Acer saccharum</i>	Sugar Maple	90.0	9.00	G	Private	Conflict	Remove
3	<i>Picea glauca</i>	White Spruce	40.0	4.00	F	Private	Conflict	Remove
4	<i>Quercus macrocarpa</i>	Bur Oak	40.0	4.00	P	Private	Conflict ;Moderate dieback; thin canopy	Remove
5	<i>Picea glauca</i>	White Spruce	50.0	5.00	F	Private	Conflict	Remove
6	<i>Picea glauca</i>	White Spruce	40.0	4.00	P	Private	Conflict	Remove
7	<i>Picea glauca</i>	White Spruce	25.0	2.50	D	Private	Dead	Remove
8	<i>Acer saccharinum</i>	Silver Maple	80.0	8.00	F	Private	Conflict	Remove
9	<i>Sorbus americana</i>	American Mountain-Ash	40.0	4.00	F	Private	Conflict	Remove
10	<i>Acer negundo</i>	Manitoba Maple	10.0	1.00	P	Private	Leaning; multistem	PROTECT
11	<i>Acer negundo</i>	Manitoba Maple	10.0	1.00	P	Private	Leaning; multistem	PROTECT
12	<i>Quercus macrocarpa</i>	Bur Oak	10.0	1.00	F	Private	leaning	PROTECT
13	<i>Acer negundo</i>	Manitoba Maple	10.0	1.00	F	Private		PROTECT
14	<i>Acer negundo</i>	Manitoba Maple	10.0	1.00	F	Private		PROTECT
15	No tree				D	Private	Dead and removed	PROTECT
16	<i>Prunus serotina</i>	Black Cherry	25.0	2.50	P	Private	dead wood; decay	PROTECT
17	<i>Quercus macrocarpa</i>	Bur Oak	20.0	2.00	F	Private		PROTECT
18	<i>Prunus serotina</i>	Black Cherry	25.0	2.50	F	Private	Dead branches;	PROTECT
19	<i>Quercus bicolor</i>	Swamp White Oak	60.0	6.00	G	Private		PROTECT

Legend				
G	Good	Conflict	Remove due to conflict with construction.	
F	Fair	Remove	Remove due to tree health or invasive status.	
P	Poor	PROTECT	Protect trees as per contract details and specifications.	
D	Dead			



NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMAINS, 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.

1.	ISSUED FOR SITE PLAN CONTROL APPLICATION	OCT 10/25	SC
No.	REVISION	DATE	BY

SCALE

1:200

0 2 4 6 8

DESIGN

CHECKED

[illegible]

10

CHECKED

APPROVED

FOR REVIEW ONLY



NOVATECH

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LOCATION
CITY OF OTTAWA
320 BREN MAUR

DRAWING NAME
TREE CONSERVATION PLAN

PROJECT No. _____

125099

REV # 1

DRAWING No.