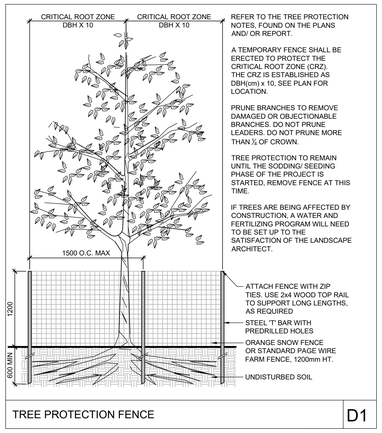


TREE PROTECTION FENCE | D1

REFER TO THE TREE PROTECTION NOTES, FOUND ON THE PLANS AND/ OR REPORT.

A TEMPORARY FENCE SHALL BE ERECTED TO PROTECT THE CRITICAL ROOT ZONE (CRZ). THE CRZ IS ESTABLISHED AS DBH(cm) x 10, SEE PLAN FOR LOCATION.

PRUNE BRANCHES TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS. DO NOT PRUNE MORE THAN ⅓ OF CROWN.

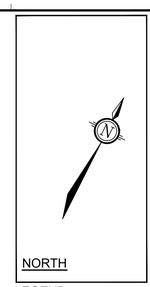
TREE PROTECTION TO REMAIN UNTIL THE SODDING/ SEEDING PHASE OF THE PROJECT IS STARTED, REMOVE FENCE AT THIS TIME.

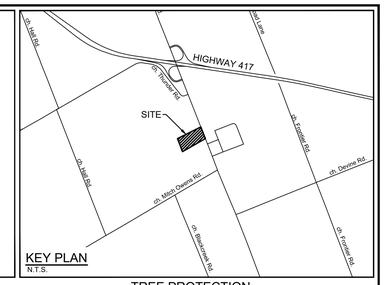
IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM WILL NEED TO BE SET UP TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

EXISTING TREE INVENTORY

Key	Botanical Name	Common Name	% Compos.	DBH Min-Max	DBH Avg	Owner	Remarks	Recomm.
Group A								
A	*Populus grandidentata*	Large-Tooth Aspen	30%	5cm-25cm	20cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
A	*Populus tremuloides*	Trembling Aspen	20%	5cm-25cm	10cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
A	*Salix sp. (tree)*	Willow	20%	10cm-20cm	15cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
A	*Acer rubrum*	Red Maple	10%	5cm-30cm	15cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
A	*Betulus papyrifera*	Paper Birch	10%	5cm-10cm	8cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
A	*Ulmus americana*	White Elm	5%	5cm-10cm	8cm	Neighbour	-	PROTECT
a	*Rhamnus cathartica*	European Buckthorn	-	-	-	Neighbour	Invasive	PROTECT
Group B								
B	*Salix sp. (tree)*	Willow	95%	5cm-35cm	25cm	Neighbour	Most trees in good to fair health with limited defects and cavities	PROTECT
B	*Betulus papyrifera*	Paper Birch	3%	5cm-10cm	8cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
B	*Populus grandidentata*	Large-Tooth Aspen	2%	5cm-10cm	8cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
b	*Rhamnus cathartica*	European Buckthorn	-	-	-	Neighbour	Invasive	PROTECT
Group C								
C	*Betulus papyrifera*	Paper Birch	40%	5cm-10cm	5cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
C	*Acer rubrum*	Red Maple	35%	5cm-25cm	15cm	Shared	Most trees in good to fair health with limited defects and cavities	PROTECT
C	*Populus grandidentata*	Large-Tooth Aspen	15%	5cm-10cm	8cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
C	*Salix sp. (tree)*	Willow	10%	5cm-10cm	8cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
c	*Rhamnus cathartica*	European Buckthorn	-	-	-	Shared	Invasive	PROTECT
Group D								
D	*Acer rubrum*	Red Maple	80%	5cm-40cm	30cm	Neighbour	Most trees in good to fair health with limited defects and cavities	PROTECT
C	*Populus grandidentata*	Large-Tooth Aspen	15%	5cm-35cm	20cm	Neighbour	Most trees in good to fair health with limited defects and cavities	PROTECT
D	*Salix sp. (tree)*	Willow	5%	5cm-10cm	8cm	Neighbour	Mostly young vigourous trees / Little to no defects present	PROTECT
D	*Larix laricina*	Tamarack	1%	5cm-20cm	15cm	Neighbour	Most trees in good to fair health with limited defects and cavities	PROTECT
D	*Picea glauca*	White Spruce	1%	5cm-20cm	15cm	Neighbour	Most trees in good to fair health with limited defects and cavities	PROTECT
d	*Rhus typhina*	Staghorn Sumac	-	-		Neighbour	-	PROTECT

Key	Botanical Name	Common Name	% Compos.	DBH Min-Max	DBH Avg	Owner	Remarks	Recomm.
Group E								
E	*Pinus sylvestris*	Scot's Pine	45%	15cm-25cm	20cm	Client	Most trees in good to fair health with limited defects and cavities	**Conflict**
E	*Picea glauca*	White Spruce	45%	10cm-20cm	15cm	Client	Most trees in good to fair health with limited defects and cavities	**Conflict**
E	*Thuja occidentalis*	White Cedar	10%	5cm-10cm	8cm	Client	Mostly young vigourous trees / Little to no defects present	**Conflict**
Group F								
F	*Populus deltoides*	Eastern Cottonwood	20%	20cm-45cm	30cm	Shared	Most trees in good to fair health with limited defects and cavities	**Conflict**
F	*Populus grandidentata*	Large-Tooth Aspen	25%	5cm-25cm	20cm	Shared	Mostly young vigourous trees / Little to no defects present	**Conflict**
F	*Populus tremuloides*	Trembling Aspen	15%	5cm-25cm	10cm	Shared	Mostly young vigourous trees / Little to no defects present	**Conflict**
F	*Salix sp. (tree)*	Willow	15%	10cm-20cm	15cm	Shared	Mostly young vigourous trees / Little to no defects present	**Conflict**
F	*Acer rubrum*	Red Maple	10%	5cm-30cm	15cm	Shared	Mostly young vigourous trees / Little to no defects present	**Conflict**
F	*Betulus papyrifera*	Paper Birch	10%	5cm-10cm	8cm	Shared	Mostly young vigourous trees / Little to no defects present	**Conflict**
F	*Ulmus americana*	White Elm	5%	5cm-10cm	8cm	Shared	-	**Conflict**
f	*Rhamnus cathartica*	European Buckthorn	-	-	-	Shared	Invasive	**Conflict**
Group G								
G	*Populus grandidentata*	Large-Tooth Aspen	20%	5cm-25cm	20cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
G	*Populus tremuloides*	Trembling Aspen	20%	5cm-25cm	10cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
G	*Picea glauca*	White Spruce	20%	10cm-20cm	15cm	Client	Most trees in good to fair health with limited defects and cavities	PROTECT
G	*Picea abies*	Norway Spruce	10%	10cm-20cm	15cm	Client	Most trees in good to fair health with limited defects and cavities	PROTECT
G	*Salix sp. (tree)*	Willow	10%	10cm-20cm	15cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
G	*Acer rubrum*	Red Maple	10%	5cm-30cm	15cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
G	*Betulus papyrifera*	Paper Birch	5%	5cm-10cm	8cm	Shared	Mostly young vigourous trees / Little to no defects present	PROTECT
G	*Ulmus americana*	White Elm	5%	5cm-10cm	8cm	Shared	-	PROTECT
g	*Rhamnus cathartica*	European Buckthorn	-	-	-	Shared	Invasive	PROTECT





KEY PLAN
N.T.S.

LEGEND

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

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 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.
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 outhouses.
5. Do not attach 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 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.
13. 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.
14. Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
15. 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 prior to fence movement.
16. 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).

GENERAL

1. Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
3. It is essential to use the plans and details in conjunction with the specifications and notes.
4. Do not scale drawings. Work to dimensions only.
5. Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
6. Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

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.

Owner:
DAY & ROSS INC.
359 MAIN STREET
HARTLAND,
NB E7P 1C6

Civil Engineer
NOVATECH
240 MICHAEL COWPLAND DRIVE, SUITE 200
OTTAWA,
ON K2M 1P6

Surveyor
ANNIS O'SULLIVAN, VOLLEBEKK LTD
14 CONCOURSE GATE, SUITE 500, NEPEAN,
ON K2E 7S8

Architect
N45 ARCHITECTURE INC.
ROBERT MATTHEWS
71 BANK STREET,
7TH FLOOR, OTTAWA,
ON K1P 5N2

DISCLAIMER:
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

No.	REVISION	DATE	BY
2.	REVISED PER CITY AND SNCA COMMENTS	NOV 14/25	SC
1.	ISSUED FOR COMPLETENESS COMMENTS	FEB 27/25	SC

SCALE: 1:750 (1:750 0 10 20 30)

DESIGN: MT
CHECKED: SC
DRAWN: MT
CHECKED: SC
APPROVED: SC

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — MEMBER — NOV 14, 2025

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Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
5494-5510 BOUNDARY ROAD

DRAWING NAME
TREE CONSERVATION PLAN

PROJECT No. 118168
REV REV # 2
DRAWING No. 118168-TCR

CITY PLAN NO. 19296

CITY FILE NUMBER: D07-12-24-0117

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