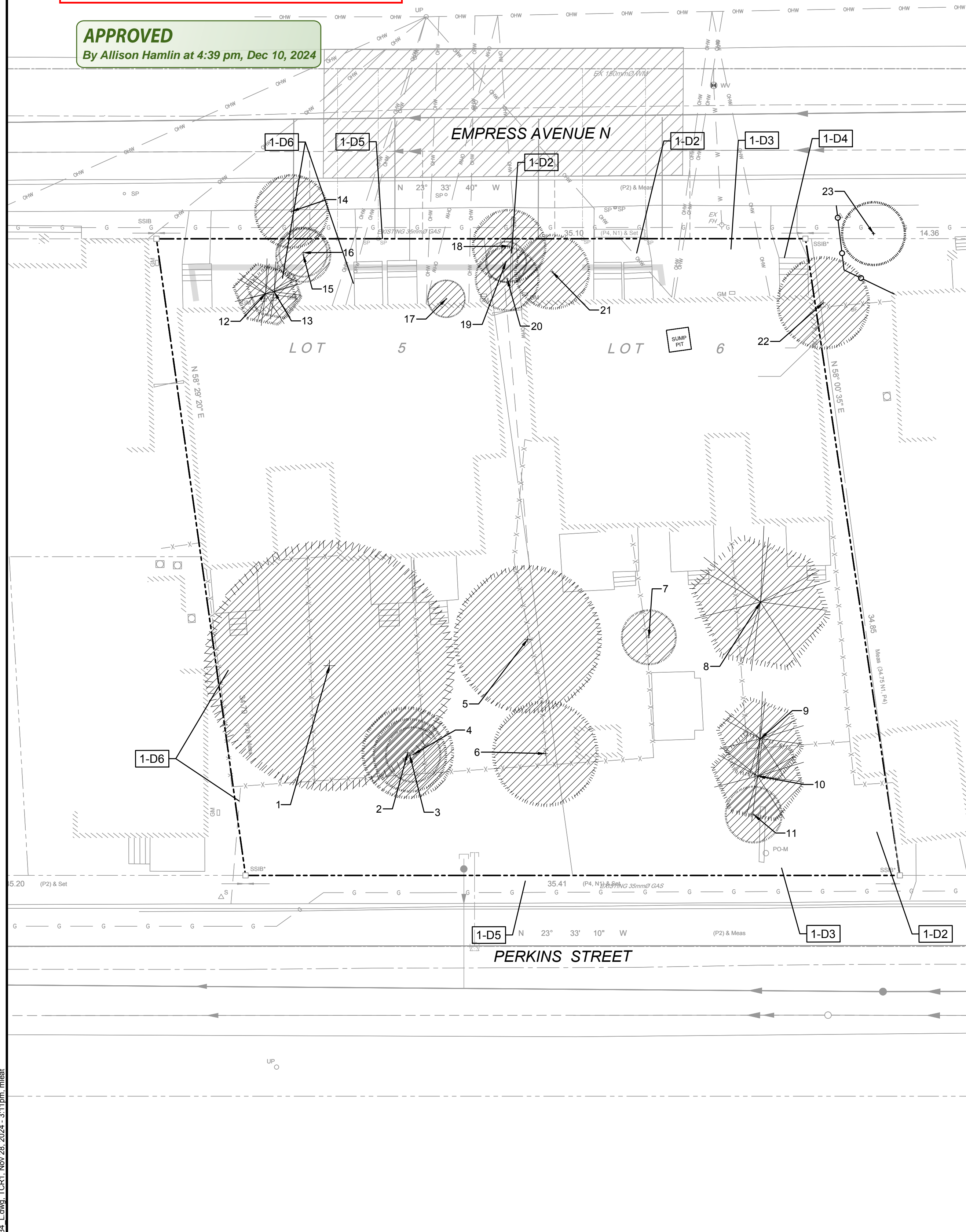


Allison Hamlin

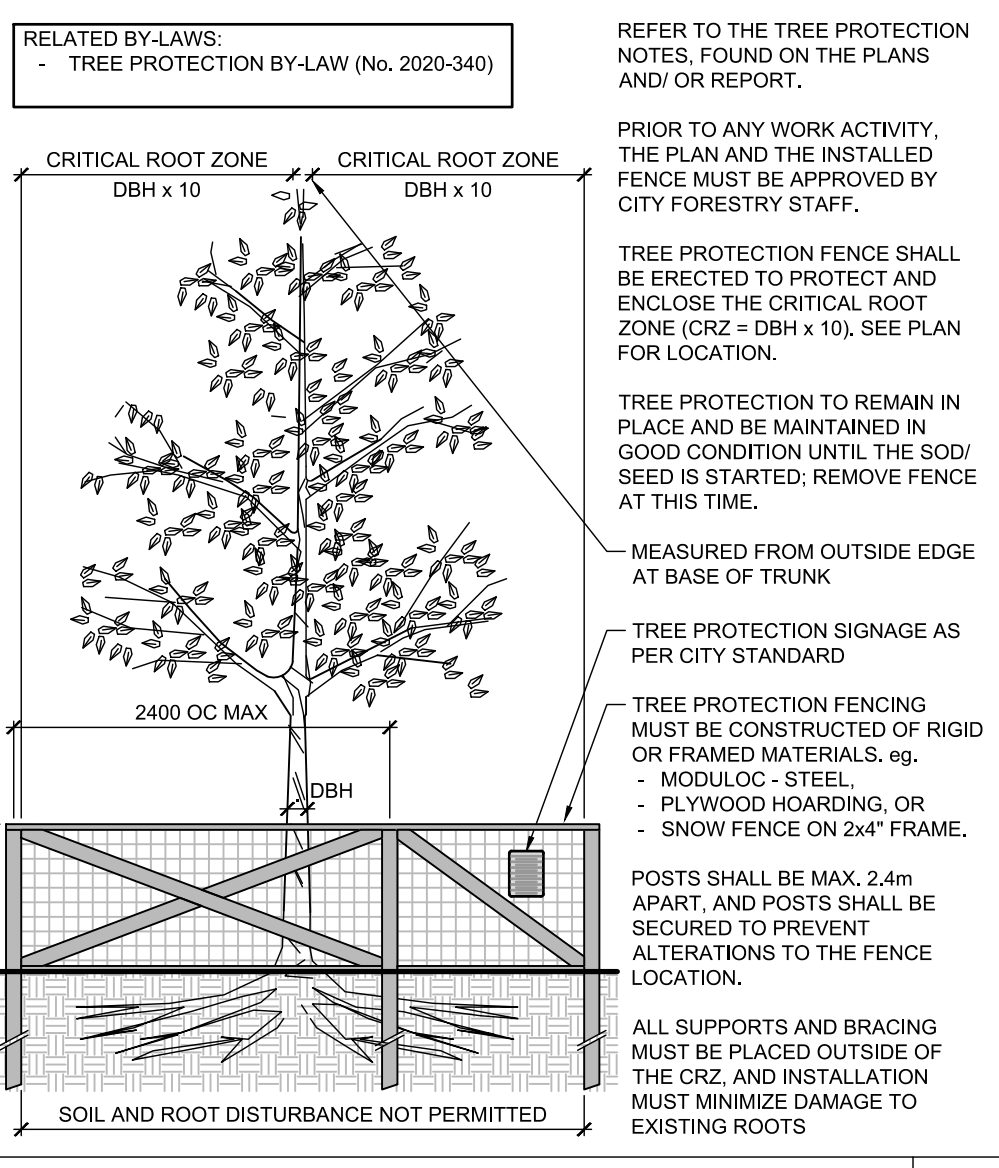
ALLISON HAMLIN  
MANAGER, DEVELOPMENT REVIEW ALL WARDS  
PLANNING, DEVELOPMENT & BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA

APPROVED  
By Allison Hamlin at 4:39 pm, Dec 10, 2024



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.

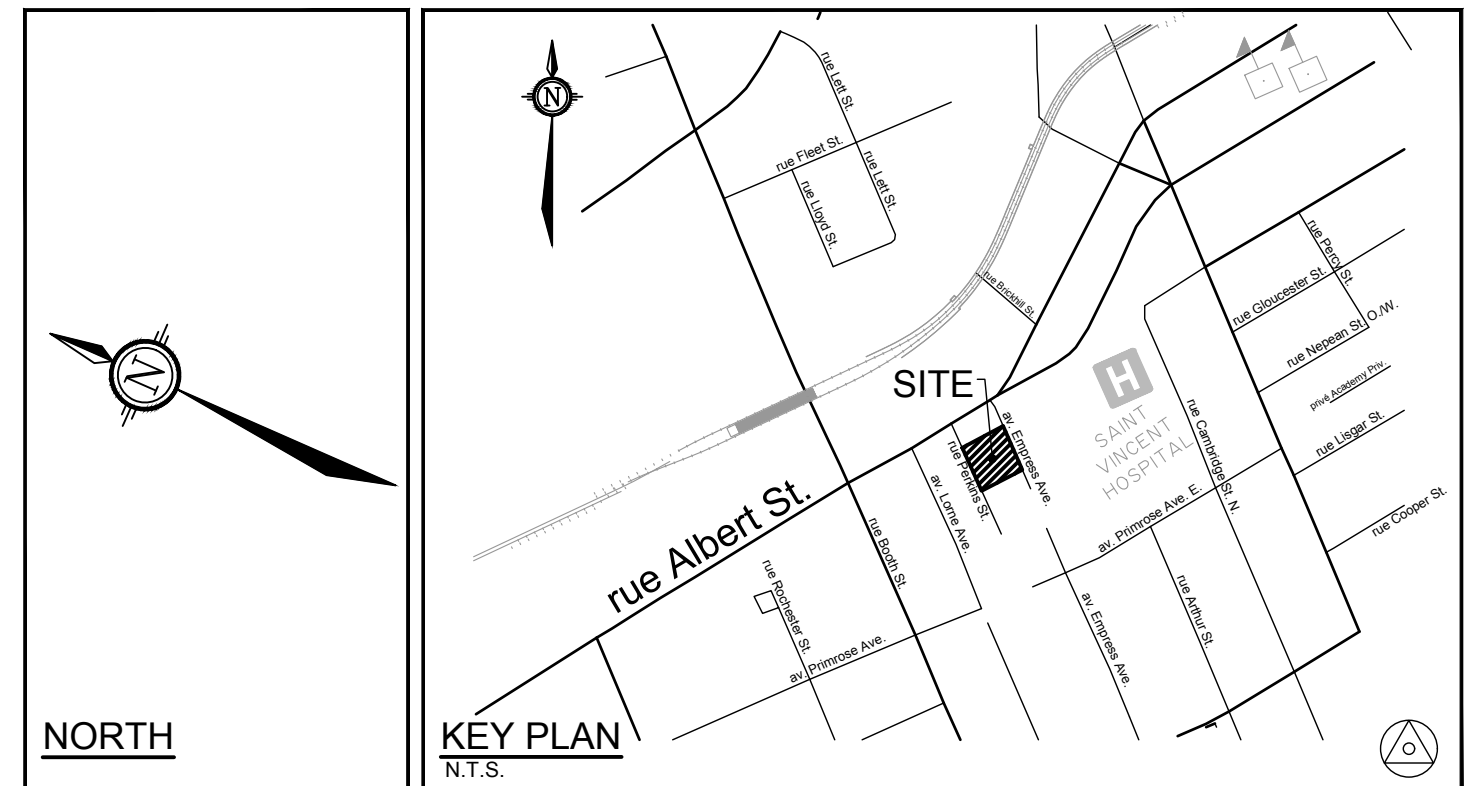
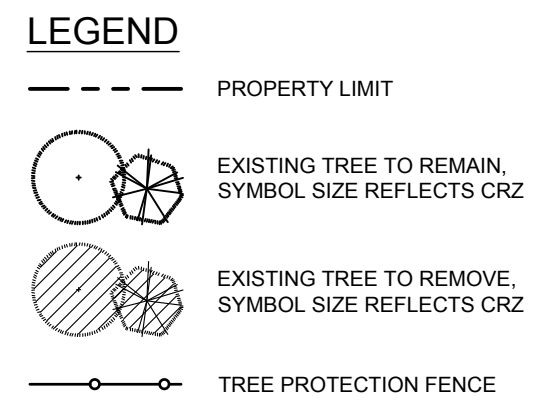
M:\2024\121234\CAD\Landscaping\1-Plan\121234\_L.dwg, TCR1, Nov 28, 2024, 3:11 pm, mmeist



TREE PROTECTION FENCE D1

EXISTING TREE CANOPY COVER:  
THE EXISTING TREE CANOPY COVER WAS ESTIMATED WITH THE MEASURING TOOLS ON GEOOTTAWA, WHERE THE MOST CURRENT AERIAL PHOTOGRAPHY IS FROM 2022. THE EXISTING CANOPY COVER MEASURED APPROXIMATELY 545m<sup>2</sup>. THIS IS ROUNDED UP TO 600m<sup>2</sup> TO ACCOUNT FOR TWO ADDITIONAL YEARS OF GROWTH TO 2024.

NOTE THAT TREE #23 WAS NOT INCLUDED IN THE CANOPY COVER ESTIMATE AS IT IS OFFSITE AND IT WILL NOT BE IMPACTED.



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).

EXISTING TREE INVENTORY

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.

VP Very Poor

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	Acer negundo	Manitoba Maple	68.0	6.80	P	Owner	Rot, lean, suckers	Conflict
2	Syringa vulgaris	Common Lilac	25.0	2.50	P	Owner	8 stems - 14, 09, 09, 09, 09, 08, 05, 11 - Dead wood, rot, lean, suckers	Conflict
3	Ulmus	Elm	20.0	2.00	F	Owner	crowded volunteer	Conflict
4	Syringa vulgaris	Common Lilac	15.0	1.50	P	Owner	3 stems - 09, 05, 04 - Dead wood, rot, lean, suckers	Conflict
5	Acer negundo	Manitoba Maple	40.0	4.00	P	Owner	4 stems - 18, 18, 13, 36 - leaning, rot, suckers	Conflict
6	Acer negundo	Manitoba Maple	28.0	2.80	P	Owner	lower trunk damage, rot, upper limbs dead	Conflict
7	Syringa vulgaris	Common Lilac	15.0	1.50	P	Owner	3 stems - 09, 05, 04 - Dead wood, rot, lean, suckers	Conflict
8	Picea glauca	White Spruce	37.0	3.70	G	Owner		Conflict
9	Thuja occidentalis	White Cedar	23.0	2.30	G	Owner		Conflict
10	Thuja occidentalis	White Cedar	25.0	2.50	G	Owner	3 stems - 18, 05, 25	Conflict
11	Acer negundo	Manitoba Maple	15.0	1.50	P	Owner	invasive volunteer, leaning, rot	Conflict
12	Thuja occidentalis	White Cedar	17.0	1.70	G	Owner	volunteer next to foundation,	Conflict
13	Thuja occidentalis	White Cedar	15.0	1.50	G	Owner	volunteer next to foundation, 2 stems - 11, 15	Conflict
14	Acer negundo	Manitoba Maple	20.0	2.00	F	City	invasive volunteer, 2 stems - 17, 19	Conflict
15	Acer negundo	Manitoba Maple	15.0	1.50	P	Owner	invasive volunteer, 2 stems - 14, 08	Conflict
16	Cotinus coggygria	Smokebush	13.0	1.30	VP	Owner	lean, dead wood, rot	Conflict
17	Malus	Crabapple	10.0	1.00	F	Owner	close to building, poor form	Conflict
18	Acer negundo	Manitoba Maple	20.0	2.00	F	Owner	invasive volunteer, 2 stems - 14, 18	Conflict
19	Rhus typhina	Staghorn Sumac	11.0	1.10	P	Owner	volunteer, lean	Conflict
20	Acer negundo	Manitoba Maple	17.0	1.70	P	Owner	invasive volunteer	Conflict
21	Rhus typhina	Staghorn Sumac	20.0	2.00	F	Owner	lean, rot, lower trunk splits	Conflict
22	Ulmus	Elm	25.0	2.50	F	Neighbor	volunteer, 3 stems - 15, 15, 15	Conflict
23	Gleditsia tria. 'Sunburst'	Sunburst Honeylocust	17.0	1.70	G	City		PROTECT

OWNER  
2317916 ONT INC.  
2081 MERVALE ROAD  
OTTAWA, ON, K2G 1G9

ARCHITECT  
PROJECT 1 STUDIO  
260 ST. PATRICK STREET, STE. 300  
OTTAWA, ON, K1N 5K5

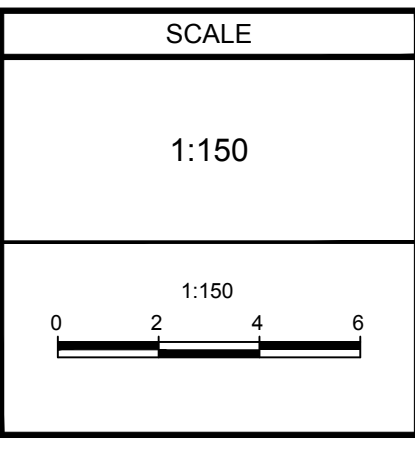
PLANNER  
NOVATECH  
240 MICHAEL COWPLAND DRIVE, STE. 200  
OTTAWA, ON, K2M 1P6

LANDSCAPE ARCHITECT  
NOVATECH  
240 MICHAEL COWPLAND DRIVE, STE. 200  
OTTAWA, ON, K2M 1P6

CIVIL ENGINEER  
NOVATECH  
240 MICHAEL COWPLAND DRIVE, STE. 200  
OTTAWA, ON, K2M 1P6

SURVEYOR  
FARLEY, SMITH & DENIS SURVEYING LTD.  
30 COLONNADE ROAD, UNIT 275  
OTTAWA, ON, K2E 7J6

No.	REVISION	DATE	BY
2.	RE-ISSUED FOR SPC	NOV. 28/24	RGJ
1.	ISSUED FOR SPC	AUG 8/24	RGJ



DESIGN	MEL
CHECKED	RGJ
DRAWN	MEL
CHECKED	RGJ
APPROVED	RGJ

FOR REVIEW ONLY

Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6

Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website www.novatech-eng.com

LOCATION  
CITY OF OTTAWA  
10 EMPRESS AVE

DRAWING NAME  
TREE CONSERVATION PLAN 1  
EXISTING CONDITION & TREE COVER

PROJECT No.  
121234-00

REV #  
REV # 2

DRAWING No.  
121234-TCR1

D07-12-24-0095