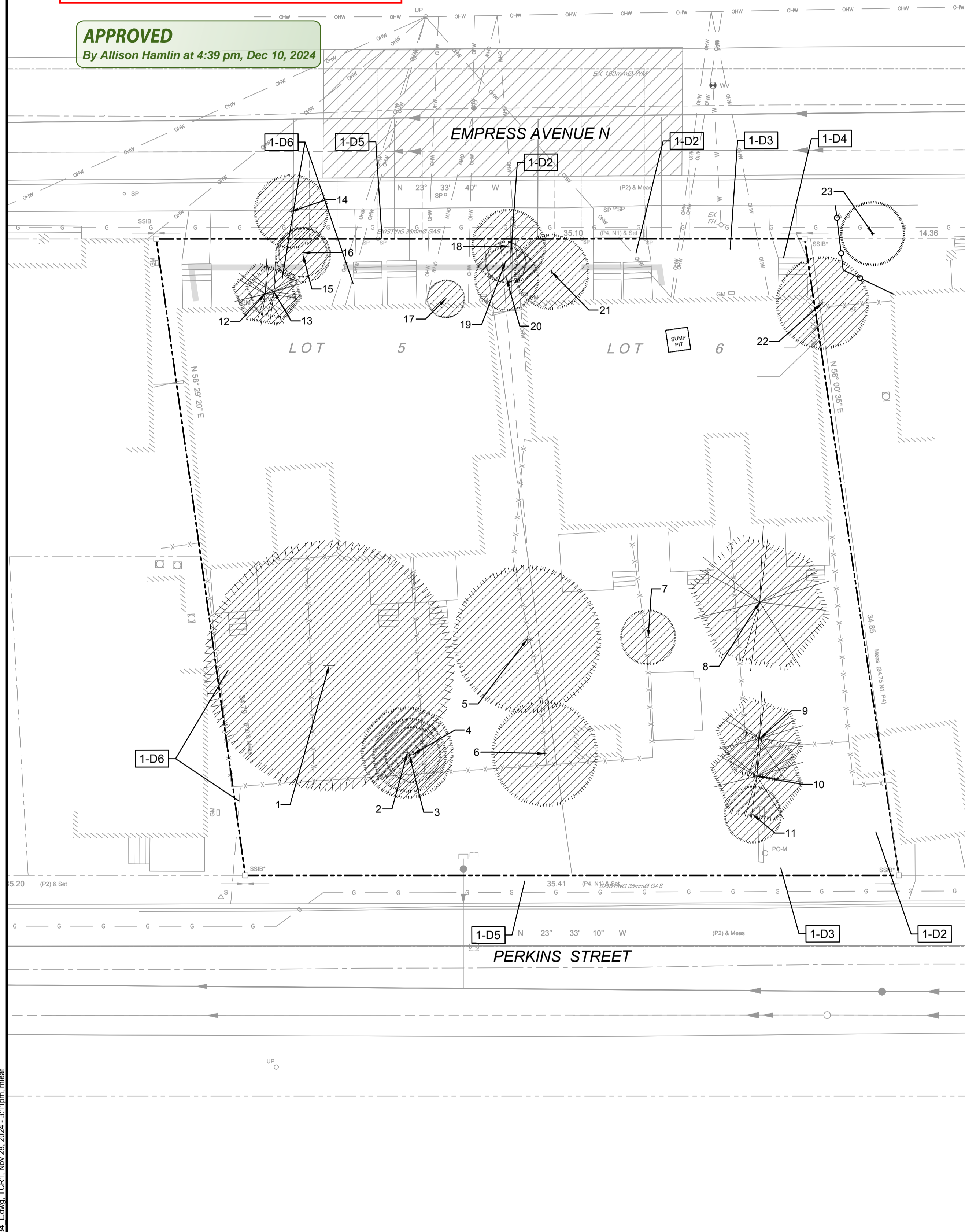


Allison Hamlin

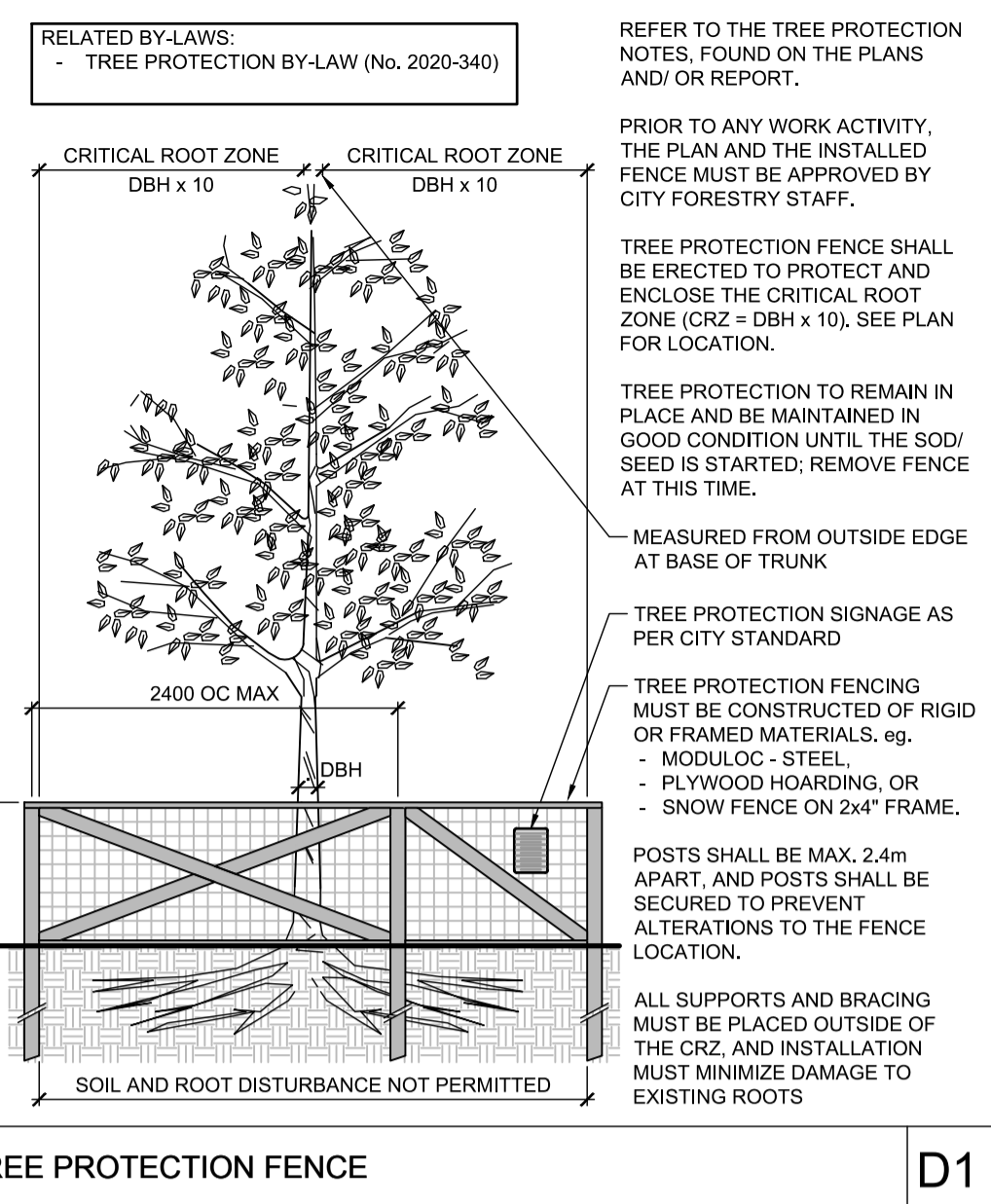
ALLISON HAMLIN
MANAGER, DEVELOPMENT REVIEW ALL WARDS
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

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.

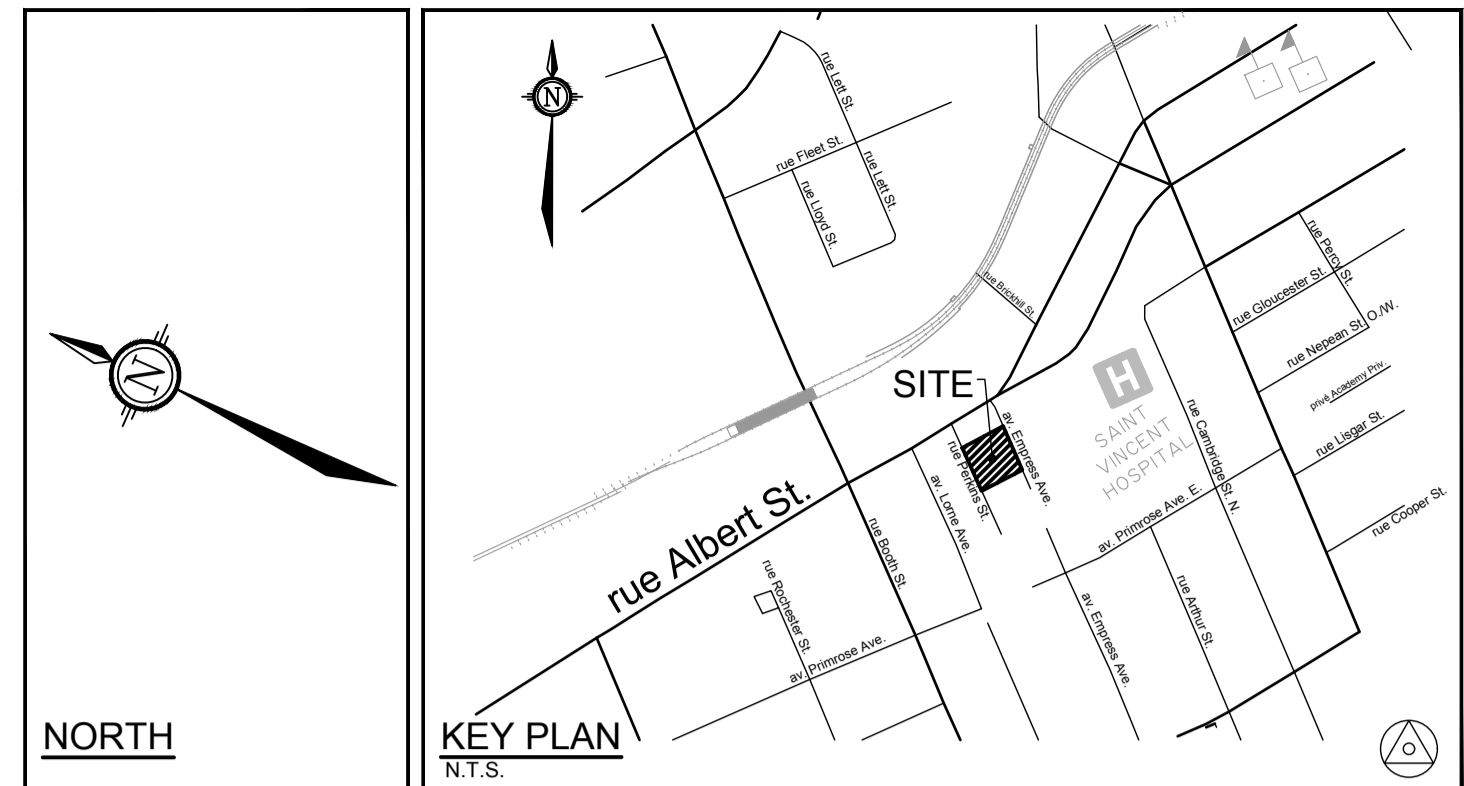
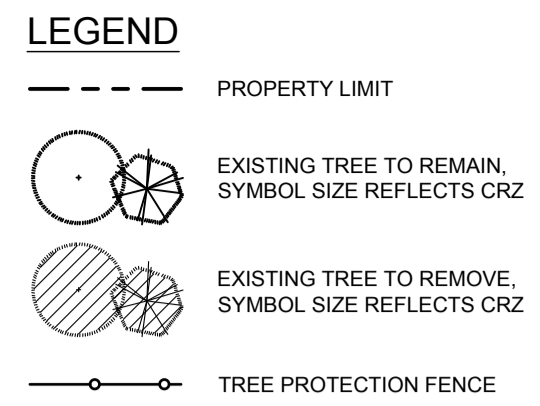
M:\2024\121234\CAD\Landscaping\Plan\121234_L.dwg, TCR1, Nov 28, 2024, 3:11 pm, mmeist



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 545m². THIS IS ROUNDED UP TO 600m² 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:
- 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 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.
 - 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).

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

EXISTING TREE INVENTORY

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

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

SCALE: 1:150

DESIGN: MEL
CHECKED: RGJ
DRAWN: MEL
CHECKED: RGJ
APPROVED: RGJ

FOR REVIEW ONLY

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
MEMBER

NOVATECH
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**

LOT 5 AND PART OF LOT 6
REGISTERED PLAN 7
CITY OF OTTAWA

PROJECT No.: 121234-00
REV # 2
DRAWING No.: 121234-TCR1

D07-12-24-0095