

TREE CONSERVATION PLAN / REPORT
FOR PROPOSED 1412 STITSVILLE MAIN STREET DEVELOPMENT

INTRODUCTION

In support of Site Plan Approval and in accordance with the City of Ottawa's Tree Protection By-Law (No.2020-340), this Tree Conservation Report (TCR) identifies trees to be retained and protected under future development scenarios and, where feasible, recognizes opportunities to offset the loss of trees that cannot be retained or contribute to the City's forest cover targets.

EXISTING TREE INVENTORY

An inventory of existing trees, having a caliper of 10cm or more as measured 1.4m from existing grade, subject to this application, was conducted on July 18, 2024. Locates provided by Farley, Smith & Denis Surveying Ltd., dated 2024-04-18.

The schedule identifies existing trees evaluated on the subject / adjacent properties at date of inventory:

TREE SPECIES AT RISK

No Tree Species at Risk, as identified under the Province of Ontario Endangered Species Act (ESA) were observed on subject property or within 25m of adjacent lands.

MITIGATIVE MEASURES

The following measures are recommended to promote survival for trees to be retained:

Tree Protection Barrier:

Barriers for tree protection shall be installed surrounding the Critical Root Zone (CRZ = 10 x diameter) of a tree to be protected. All of the supports and bracing for the barrier shall be placed outside of the protected area and installed to minimize root damage. Furthermore, while the desired effect of the barrier is to prevent construction traffic from entering the protected area, it shall be kept in place until all construction has been completed. The barrier shall also have signage attached to it indicating its purpose as a protection barrier. Repair / fueling of machinery, storage and stockpiling of materials, shall not take place within this protected area. (See TREE PROTECTION SPECIFICATION)

Tree Protection Barrier material options:

(See TREE PROTECTION SPECIFICATION)

In addition:

- Do not place any material or equipment within the CRZ of the tree;
- Do not attach any signs, notices or posters to any tree;
- Do not raise or lower the existing grade within the CRZ without approval;
- Tunnel or bore when digging within the CRZ of a tree;
- Do not damage the root system, trunk or branches of any tree;
- Ensure that exhaust fumes from all equipment are NOT directed towards any tree's Canopy.

Surface Treatment:

A protective root buffer is required for a minimum distance of 2.0 metres outside of the tree protection barrier. This buffer will consist of woodchips spread to a thickness of 10 cm covered by a layer of granular 'A' (gravel) deep enough to stabilize 2 cm thick plywood. This will help prevent the compaction of soil surrounding the trees' fine feeding roots.

Excavation & Root Pruning:

Excavation shall not take place within the CRZ. Instead, directional micro-tunneling and boring shall be employed. When excavation must take place outside of the CRZ a trench shall be carefully dug either by hand or with hydraulic or pneumatic air excavation technology. After the trench is established, a backhoe or other equipment stationed outside of the CRZ may be used to complete the work. If roots are encountered while trenching outside the CRZ, they shall be cleanly cut with either pruning shears or a saw wiped with alcohol before each cut.

Treatment of Exposed Roots:

If tree roots are exposed during construction, they shall be reburied immediately with soil or covered temporarily with burlap, filter cloth or woodchips and kept moist (i.e. watering with a soft-spray nozzle at least three times a week). A covering of plastic shall be used to facilitate moisture retention during an extended period when watering may not be possible (i.e. over weekends).

Fertilization:

Fertilizing the trees with a liquid, deep root, slow release fertilizer is recommended only after the completion of all construction.

Retaining Walls/ Tree Wells:

Avoid changes in grade close to trees to be retained. Where grade changes cannot be avoided, the installation of retaining walls or tree wells shall be considered for tree preservation.

WILDLIFE PROTOCOL

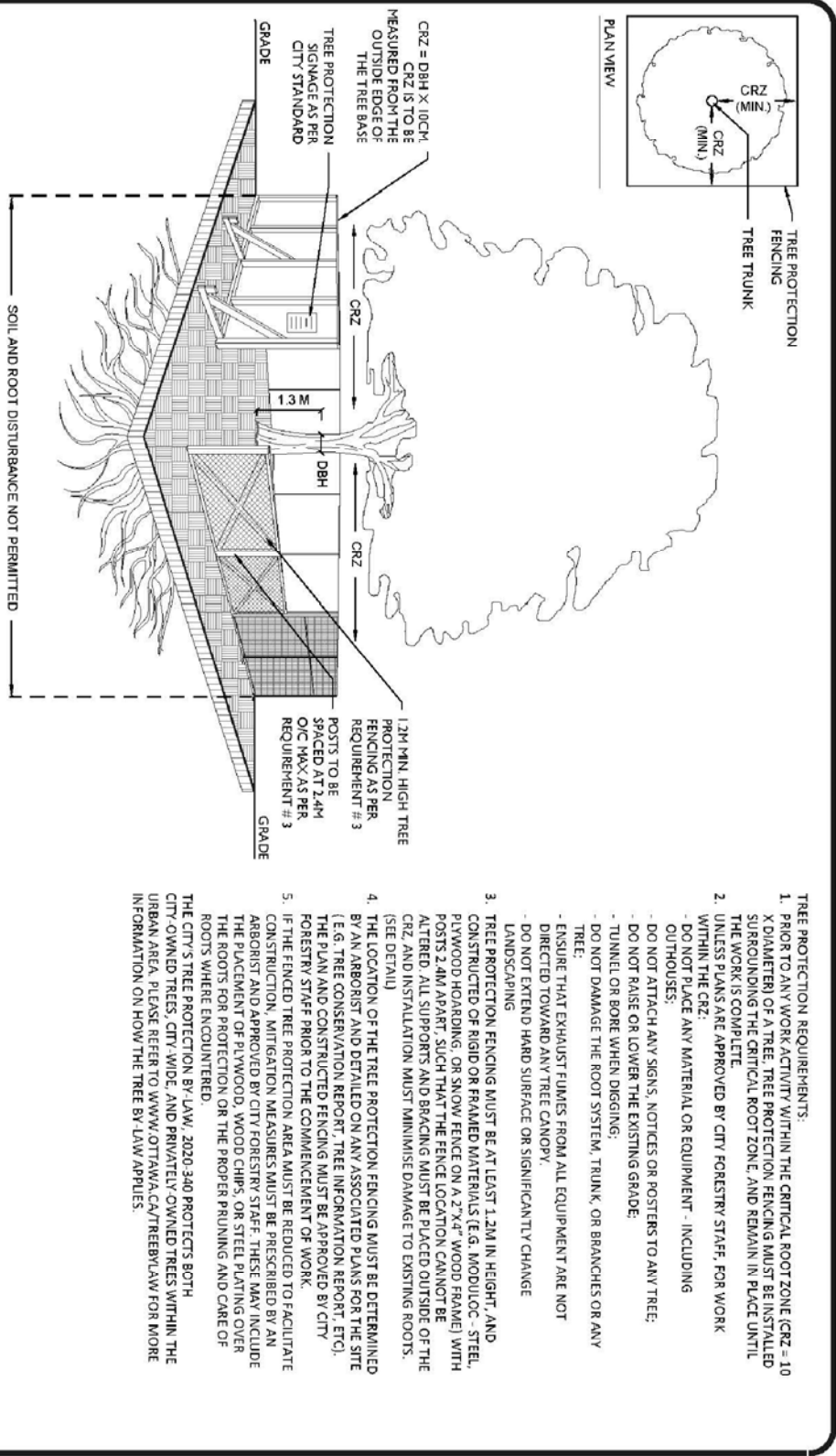
No tree removal shall occur between April 15 and August 15, unless a qualified wildlife biologist has determined that no bird nesting is occurring within 5 days prior to removal.

SCHEDULE OF EXISTING TREES

(Inventory completed July 18, 2024)

CODE	SPECIES	CONDITION	DBH (cm)	OWNERSHIP	ACTION NOTES
1	Hackberry (<i>Celtis occidentalis</i>)	Good health, Good structure.	5	City (R.O.W)	Protect / RELOCATE/ TRANSPLANT: to avoid conflict with servicing and entrance
2	Hackberry (<i>Celtis occidentalis</i>)	Good health, Good structure.	5	City (R.O.W)	Protect / RETAIN: A will be present to monitor excavation and backfill ensure mitigation measures are met to best simulate site practices.
3	Sugar Maple (<i>Acer saccharum</i>)	Good health, Fair structure.	90	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
4	Silver Maple (<i>Acer saccharinum</i>)	Good health, Good health.	90	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
5	Silver Maple (<i>Acer saccharinum</i>)	Good health, Good health.	90	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
6	Red Pine (<i>Pinus resinosa</i>)	Good health, Good structure.	30	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
7	Red Pine (<i>Pinus resinosa</i>)	Good health, Good structure.	30	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
8	Red Pine (<i>Pinus resinosa</i>)	Good health, Good structure.	30	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
9	Red Pine (<i>Pinus resinosa</i>)	Good health, Good structure.	30	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood.
10	Bur Oak (<i>Quercus macrocarpa</i>)	Good health, Good structure.	40	Adjacent Property	Protect / RETAIN: pruned for clearance and deadwood (when present)
11	Manitoba Maple (<i>Acer negundo</i>)	Good health, Fair structure.	30	Shared	Protect / RETAIN: pruned for clearance and deadwood.

(DBH Diameter at breast height, or 1.4m from grade, unless otherwise noted).



TREE PROTECTION SPECIFICATION	
SCALE	NTS
DATE	MARCH 2021
DRAWING NO.	1 of 1

LEGEND / SYMBOL

- EXISTING TREE TO BE RETAINED (REFER TO PLAN AND SCHEDULE OF EXISTING TREES)
- CRZ (Critical Root Zone)
- EXISTING TREE TO BE REMOVED (REFER TO PLAN AND SCHEDULE OF EXISTING TREES)
- CRZ (Critical Root Zone)
- PROPOSED AGGREGATE MAIN DRAINAGE STRIP
- PROPOSED UNIT PAVERS
- PROPOSED BI-CYCLE PARKING
- PROPOSED TREE PROTECTION BARRIER



LOCATION PLAN

OWNER:
ELITE PROPERTY DEVELOPMENTS INC.

PLANNER / APPLICANT:
OG PLANNING

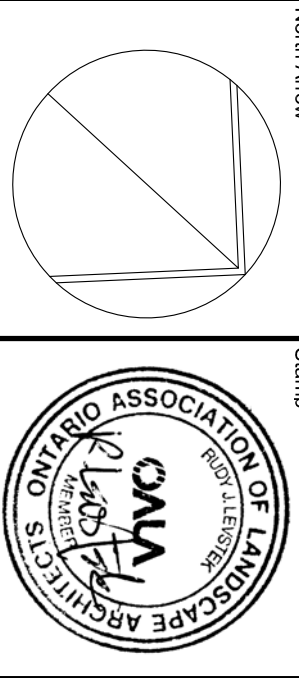
ARCHITECT:
PRIME ARCHITECTURE INC.
CIVIL ENGINEER:
TATIAM ENGINEERING

ONTARIO LAND SURVEYOR:
FARLEY, SMITH & DENIS SURVEYING LTD.

LEGAL DESCRIPTION:
Part of Lot 23
Concession 11, Goulbourn, City of Ottawa

FOR APPROVAL ONLY

no.	date	revision
1.	SEPT. 1924	ISSUE FOR SPA
2.	MAR. 2025	PER CITY COMMENTS (1)



Contractor shall check and verify all dimensions on site and report all errors and/or omissions to the Consultant. Work to be done in accordance with all applicable codes and by-laws.
Do not scale Drawing.
This Drawing shall not be used for construction until signed by the Consultant.
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Consultant:
LEVSTEK CONSULTANTS
LANDSCAPE ARCHITECTS
34871 High Crescent, Ottawa, Ontario - K2A 3W8
613-828-8518

Project:
1412 STITSVILLE MAIN STREET
STITSVILLE, ONTARIO

Drawing Title:
**TREE CONSERVATION
PLAN / REPORT**

Drawn: 1:150
Date: JULY 2024
Project: 1237
Drawing No.: L1.02

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