

Tree Information Report for 952 Bayview Dr, Ottawa

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The Owner is applying for a permit to demolish the existing structure and build a residential dwelling with a new septic system at the above address.

Object of this report

The object of this report is to identify all protected trees on this property as per the City of Ottawa Tree Protection By-law No. 2020-340. This report is part of the Committee of Adjustment application to the City of Ottawa. All protected trees on this property, whose Critical Root Zone falls within the area of construction, are mentioned in this report. Each tree is documented for health and protection details. Please note that there are two municipal trees that are also mentioned in this report.

Site visit

A site visit was conducted to gather information on all existing trees on site. The overall tree health, DBH (Diameter at Breast Height 1.3m from ground), and species were recorded. There are no boundary trees that will be affected by this construction.

Inspection dates. June 24, 2024, and July 4, 2024

Definitions:

Good Condition: 60 to 90 percent of canopy is dense, some dieback and deadwood. No major defects. Minor structural defects.

Fair Condition: 30 to 60 percent of canopy is dense. Major dieback and deadwood. Presence of disease or insect damage that has cause significant damage.

Critical Root Zone (CRZ): is the area that it around the tree or groups of trees that no construction activity may occur. The Critical Root Zone area extends 10 centimeters from the trunk for every cm at Diameter at Breast Height. Dx10cm equals the radius of the CRZ

Diameter at Breast Height (DBH). This is the amount in circumference at 1.3m up from ground level.

Tree Information:

The following chart is an inventory of all trees that are protected under the City of Ottawa Tree Protection Bylaw No.2020-340. This includes City Owned Trees, and distinctive trees require protection whose CRZ (Critical Root Zones) are within the area of construction.

Tree #	Species	DBH	Ownership	Condition	Recommendations
1	Red Oak (Quercus rubra)	Multistem 3-12	City Owned	Good	Removal because of construction
2	White Spruce (Picea glauca)	2	City Owned	Good	Removal because of construction
3	Red Oak (Quercus rubra)	42	Private	Good	To be retained and protected
4	Red Oak (Quercus rubra)	54	Private	Good	To be retained and protected
5	American Elm (Ulmus Americana)	18	City Owned	Good	Will not be affected by construction

A site plan map has been attached with the position of all the trees in the above chart.

Replacement Trees:

Both trees, that will be required to be planted on the city easement, are to be a maximum 4 m in height once mature. The height restriction is because of the power lines that are present on the city easement.

The placement of the compensation trees is indicated on the attached site plan map.

Tree #1 and Tree #2 should be replaced with a small variety tree such as a silk lilac and or Serviceberry.

Replacement trees should be planted in accordance with the City of Ottawa -Schedule B Tree Compensation Requirements. Information as follows:

- Pay the compensation value of the tree and plant a replacement tree in the Right of Way.
- The compensation value of the tree is determined by CTLA Trunk Formula method or a replacement ratio, whichever is greater. If a replacement tree cannot be planted, in addition to the compensation value of the tree, the applicant must pay the cash value of a replacement tree, which is \$400. Note that a minimum compensation value of \$400 per tree will be charged
- For unique scenarios, the valuation method may be determined by the General Manager
- Compensation amounts may be adjusted where trees are proposed on a landscape plan
- When planted, the replacement tree must be a minimum of 50 mm measured no less than 15 cm above ground level for deciduous trees, and no less than 200 cm in height as measured from ground level to midway between the tip of the leader and the uppermost whorl, or as otherwise approved by the General Manager.
- It is preferable to plant tree species that will attain the largest size at maturity, given the site-specific context.



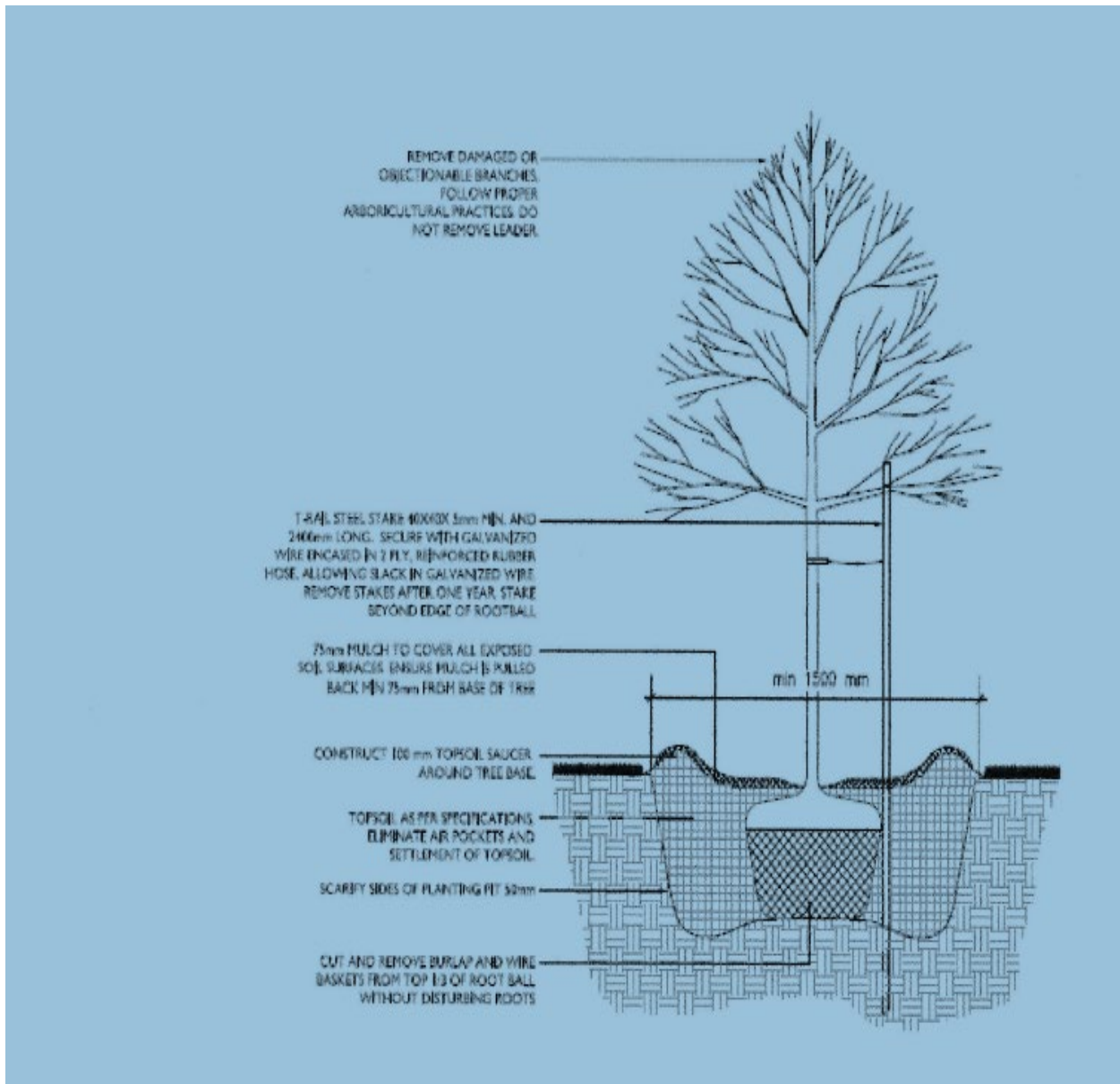
City of Ottawa Tree Planting Specifications for Infill Properties

- 1.5m from sidewalks, driveways, walkways, fences, sound walls, and old stumps.
- 2.5m from curbs, hydro transformers, or behind fire hydrants
- 4-7m from any part of an existing tree, depending on canopy width
- 10m from bus shelters and community mailboxes

For conifer (evergreen) trees:

Follow same setbacks as deciduous, but due to the widest branching being at the base of the tree, conifers need greater setbacks for ground-level obstacles.

- Minimum 200cm height stock
- 4.5m setbacks from sidewalks, walkways, driveways, and curbs.
- Do not plant on corners where sight lines will be compromised.



Tree Protection Guidelines:

Prior to construction, protective fencing should be installed around the trees along the riverbank area of the site. As per City of Ottawa Tree Protection Specifications (March 2021), the following guidelines should be followed with in the Critical Root Zone (CRZ) area:

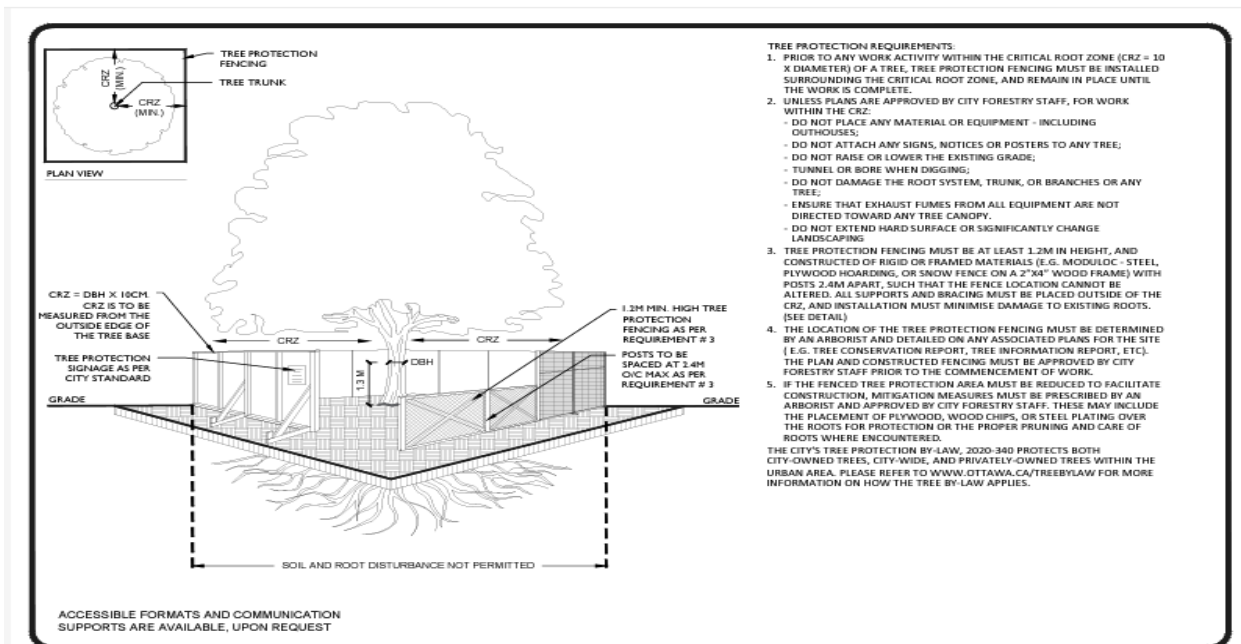
No grade should be changed.

Do not operate machinery within the CRZ .

Do not excavate within the CRZ.

Do not damage the root system, trunk or branches.

The tree protection fencing must be 1.2 m in height and constructed of a rigid material. All supports must be outside of the CRZ. This Fencing must remain in place until all construction has ended,



Critical Root Zone Information

Number	Species	Diameter	CRZ	Distance from Construction
3	Red Oak	42	4.2 m	10.5 m
4	Red Oak	54	5.4 m	11.0 m

Tree #1 Red Oak- Multistem 3-12 cm

City owned. This tree will have to be removed because of construction and replaced on City Property



Tree #2 Spruce-White 2 cm

City Owned. This tree will have to be removed because of construction and replaced on City Property



Tree #3 and #4 Red Oak



Tree #3 Red Oak 42 cm

Privately Owned



Tree #4 Red Oak 54 cm

Privately Owned



Tree #5 Elm 18cm

City Owned

