

Tim-O-Tree

6490 Russell rd.

Carlsbad Springs

ON K0A 1K0

timotreeot@gmail.com



TimOTree

613-327-7989

Committee of Adjustment
Received | Reçu le

2023-02-22

City of Ottawa | Ville d'Ottawa
Comité de dérogation

Tree Information Report:

629 Windermere

Summary

Tree	Diameter at Breast height (DBH)	Ownership ¹	Condition ²	Recommendation
Crimson King Maple (Acer platanoides)	41	Municipal	Good	Retain; protect with fencing; unaffected by proposed construction

Municipal Crimson King Maple

There is a crimson king maple in the front yard of 629 Windermere Avenue. The most recent survey indicates that the tree is municipally owned, as it sits several feet to the west of the property line.

The tree is in good condition. It has a vigorous, full crown with few dead branches. It has one scaffolding branch which has become overdeveloped and is now competing with the central

¹ All claims to ownership made in this report are based on the most recent draft of the survey and site plan.

² Tree condition is rated on a three-point scale, with each scale rated as follows: Poor—the tree is dead, dying, or poses a hazard; Fair—the tree is vigorous, but exhibits signs of significant stressors or risk factors; Good—the tree is vigorous and does not have significant stressors or risk factors.

stem for dominance. The union does not have any included bark, so it is not a significant risk of failing at this time. The tree is also young enough that this issue can easily be remediated via



reduction pruning or amputation of the limb. If these measures are not take, risk related to this branch will likely increase over time and eventually lead to failure—damage to the trunk could be extensive enough that the remainder of the tree is no longer viable, leading to removal.

Given extensive snow buildup, it was not possible to assess the root crown of the tree. However, given the tree’s vigour, it is unlikely the tree is suffering from stem girdling roots or other root issues.

The tree’s diameter at breast height (DBH) is 41cm, meaning it is a distinctive tree and protected by the Tree Protection Bylaw. A critical root zone (CRZ) of 410cm in radius from the trunk must be protected during the course of construction.

Construction Plans

The current concrete steps are being removed and replaced with an addition, which will cover roughly the same footprint as the steps, extending no further to the west. New steps will extend

from this addition and will have a negligible risk of impact on the roots. The addition will be mounted on helical piles, so excavation and overall potential for impact to the CRZ is limited.

Recommendation

Plans for the addition do not require any incursion into the CRZ of the tree and potential impact is limited. Fencing shall be erected to protect the CRZ of the tree from potential damage during construction. This fencing shall be erected at a distance of 410cm from the trunk³ of the tree along the eastern and northern side. The CRZ is already impacted by a driveway to the south and



a road to the west, so protection in these portions of the CRZ would have no meaningful effect. Fencing shall be installed along the edge of the driveway and along the curb. No construction activities⁴ are permitted within the fencing.

No root pruning is necessary within the CRZ of the tree, however, it is possible that some roots outside the CRZ could be severed or damaged by installation of the helical piles. Any such roots are likely small and damage

³ Demonstrated with measuring tape in image below.

⁴ Including but not limited to: traffic by vehicles, heavy machinery and pedestrians; storage of construction materials or amenities.

to them would not have a significant impact on the tree's root structure or the tree's overall health. Therefore, no recommendations on root pruning are necessary.



Mason Hanrahan

ISA Certified Arborist, ON-2491A

Qualified Tree Risk Assessor

Owner and President, Tim-O-Tree