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Urban Forestry & Forest Management Consulting

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Michael Stott
Director Urban Design and Landscape Architecture
Fotenn Planning + Design
223 McLeod Street
Ottawa, ON
K2P 0Z8

RE: TREE CONSERVATION REPORT – 1375 CLYDE AVENUE, OTTAWA

Dear Michael,

This report details a pre-construction Tree Conservation Report (TCR) for the above-noted property in Ottawa. The need for this TCR is related to the re-development of the subject property. Such reports are required for all Plans of Subdivision and Site Plan Control Applications where a tree of 10 centimetres in diameter or greater exists on the property. The approval of this TCR by the City of Ottawa and the issuing of a permit by them authorizes the removal of approved trees. No tree removal should occur before such a permit is issued.

The inventory in this report details the assessment of all individual trees on the subject property. Field work for this report was completed on October 4, 2017. The construction proposed for the site includes three multi-storey self-storage buildings with surface parking. Construction of the proposed buildings will require all but two of the existing trees be removed. A retaining wall is proposed along the eastern property line. This will impact trees on adjacent private property to the east of the subject property. There are no trees present on adjacent City of Ottawa property.

TREE SPECIES, CONDITION, SIZE AND STATUS

On the Table 1 on page 2 details the species, condition, size (diameter) and status of the individual trees on the subject property. Each of these trees is referenced by the numbers plotted on the accompanying tree conservation plan TR-2 prepared by Fotenn Planning + Design.

Table 1. Species, condition, diameter and status of trees at 1375 Clyde Avenue.

Tree No.	Tree Species	Condition (VP→E)	DBH ¹ (cm)	Tree Condition Notes & Preservation Status (to be removed or retained)
1	Norway maple (<i>Acer platanoides</i>)	Good	23.8	Maturing; planted tree; central stem with multiple competing laterals; co-dominant leaders; broad, dense crown; root collar obscured; introduced, invasive species; to be retained



Table 1. Con't

2	Norway maple	Fair	23.5	Maturing; planted tree; four competing stems at 2-2.25m with multiple competing leaders; broad, dense crown; moderate tar spot infection (<i>Rhytisma acerinum</i>); root collar obscured; introduced, invasive species; to be retained
3	Norway maple	Fair	14.8	Maturing; planted tree; located within area of very restricted rooting (parking island) – growth stunted; multiple competing laterals; broad, fairly dense crown; introduced, invasive species; to be removed
4	Norway maple	Fair	18.2	Maturing; planted tree; located within area of moderately restricted rooting (parking island) – growth moderately stunted; moderately divergent co-dominant stems at 2.5m; root collar obscured; broad, fairly dense crown; introduced, invasive species; to be removed
5	Norway maple	-	-	Tree is dead – laying on ground; to be removed
6	Norway maple	Good	23.5	Maturing; planted tree; mildly divergent co-dominant stems at 3.25m; dense, symmetrical crown; good root collar; introduced, invasive species; to be removed

¹Diameter at breast height, or 1.4m from grade.

Pictures 1, 2 and 3 on page 3, 4 and 5 show selected trees on the subject property.

Trees on adjacent private property affected by the planned retaining wall include mainly introduced invasive buckthorn (*Rhamnus* spp.). However, a number of scattered trees including introduced, invasive Siberian elm (*Ulmus pumila*) (6cm avg., 10cm, 12cm avg., 15cm, 17cm, 21cm, 21cm, 21cm avg., 25cm avg., 27cm avg. and 47cm in diameter - average diameters indicating multi-stemmed trees), Norway maple (27cm) and invasive Manitoba maple (*Acer negundo*) (18cm) are also present. Due to their species and/or poor condition none of these trees are worthy of preservation measures. **However, since they are not located on the subject property permission for their removal must be first gained from the affected land owner(s).**

ENDANGERED SPECIES

No endangered tree species, namely butternut (*Juglans cinerea*) were found on or in the vicinity of the subject property.

TREE PRESERVATION AND PROTECTION MEASURES

Preservation and protection measures intended to mitigate damage during construction will be applied for the two trees to be retained on the subject property. The following measures are required by the City of Ottawa to ensure tree survival during construction:



1. Erect a fence at the critical root zone (CRZ¹) of trees;
2. Do not place any material or equipment within the CRZ of the tree;
3. Do not attach any signs, notices or posters to any tree;
4. Do not raise or lower the existing grade within the CRZ without approval;
5. Tunnel or bore when digging within the CRZ of a tree;
6. Do not damage the root system, trunk or branches of any tree;
7. Ensure that exhaust fumes from all equipment are NOT directed towards any tree's canopy.

¹ The critical root zone (CRZ) is established as being 10 centimetres from the trunk of a tree for every centimetre of trunk Diameter at breast height (DBH). The CRZ is calculated as DBH x 10 cm.

Please do not hesitate to contact me with any questions concerning this Tree Conservation Report.

Yours,

Andrew Boyd

Andrew K. Boyd, B.Sc.F, R.P.F. (#1828)
Certified Arborist #ON-0496A and TRAQualified
Consulting Urban Forester



Picture 1. Norway maples #3 and 4 at 1375 Clyde Avenue.



Picture 2. Norway maple #1 at 1375 Clyde Avenue.



Picture 3. Norway maple #6 at 1375 Clyde Avenue.