

September 17, 2018

Dinis Cabral
JLG Developments Inc.
9 Calais Court
Ottawa, ON
K2E 7E1

Re: Tree Conservation Report for 16 & 20 Champagne Ave, Ottawa

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 proposed demolition of the two existing single-family dwellings and construction of a three storey, nineteen-unit apartment building. A full basement is proposed for the building. No parking spaces are proposed.

The need for this report is related to trees protected under the Urban Tree Conservation By-law 2009-200 and the Municipal Trees and Natural Areas Protection By-law 2006-279. Tree conservation reports are required for all site plan control applications on properties where there is a tree of 10 centimetres in diameter or greater. The approval of this TCR by the City of Ottawa and the issuing of a permit by them authorize the removal of approved trees. **Importantly, although this report may be used to support the application for a City tree removal permit, it does not by itself constitute permission to remove trees or begin site clearing activities. No such work should occur before a tree removal permit is issued by the City of Ottawa.**

The tree inventory and assessment detailed in this report concerns all trees on and directly adjacent to the subject property. The field work for this report was completed on August 7, 2018.

Given the size and location of the proposed new building, depth of excavation necessary for the basement and changes to grades all existing trees on the two subject properties will be removed prior to the start of construction. For the most part trees on adjacent private and City of Ottawa property will be retained. Permission to remove shared trees or trees located on adjacent properties will be sought from neighbouring owners prior to removal.

Tree Species, Size, Ownership, Condition and Status

Table 1 on page 2 details the species, size (diameter), condition, age class and status of the trees on and adjacent to the two subject properties. Each tree is referenced by the corresponding numbers plotted on the accompanying landscape plan prepared by James B. Lennox and Associates, Landscape Architects.

Table 1. Species, size, condition, age and status of trees located on and adjacent to 16 & 20 Champagne Avenue

| Tree No. | Tree Species | D.B.H. ¹ (cm) | Tree condition, age class and Status (to be removed or preserved and protected) |
|----------|--|--------------------------|--|
| 1 | Red maple (<i>Acer rubrum</i>) | < 10 | Good; juvenile; recently planted on City of Ottawa property in front of #14; to be preserved and protected |
| 2 | Manitoba maple (<i>Acer negundo</i>); buckthorn (<i>Rhamnus</i> spp.); Chokecherry (<i>Prunus</i> spp.) | < 10 | Poor; maturing; grouping of seeded trees located on city, shared and private property in front of veranda at #16; all introduced naturalized/invasive species; to be removed with permission of adjacent land owners (conflict with construction) |
| 3 | Manitoba maple | 11-19 | Fair; maturing; line of four trees located or shared with neighbouring property (#14); all originating from seed; introduced species; to be preserved and protected |
| 4 | Manitoba maple | 13-20 | Fair; maturing; line of three trees located along property line between #16 & 20; all originating from seed; introduced species; to be removed (conflict with construction) |
| 5 | Honey-locust (<i>Gleditsia triacanthos</i>) | 17 | Good; maturing; planted tree behind #20; crown asymmetrical due to influence of line of Manitoba maples to north; to be removed (conflicts with construction) |
| 6 | Red maple | < 10 | Good; juvenile; recently planted on private property behind #20; to be removed (conflicts with construction) |
| 7 | Cedars (<i>Thuja</i> spp.) and yews (<i>Taxus</i> spp.) | < 10 | Good; maturing; grouping of planted trees located on private property in front of porch at #20; all ornamental varieties; to be removed (conflict with construction) |

¹ diameter at breast height, or 1.3m from grade

Pictures 1 through 4 on pages 3, 4, 5 and 6 show selected trees on and adjacent to the subject properties.

Endangered Species

No butternuts (*Juglans cinerea*) were identified on the subject or adjacent properties. This species of tree is listed as threatened under the Province of Ontario's Endangered Species Act (2007) and so is protected from harm.

Tree Preservation and Protection Measures

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

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ISA Certified Arborist #ON-0496A and TRAQualified
Consulting Urban Forester



Picture 1. Tree #1 (right) and grouping #2 in front of 14 and 16 Champagne Ave.



Picture 2. Tree line #3 on or shared with 14 Champagne Ave.



Picture 3. Tree line #4 at 16/20 Champagne Ave.



Picture 4. Tree grouping #7 in front of 20 Champagne Ave.