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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

November 9, 2018

Jordan Tannis
Concorde Properties
1305 Summerville Ave.
Ottawa, ON
K1Z 8G7

RE: TREE CONSERVATION REPORT – 1305 SUMMERVILLE AVENUE, 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 construction of a three-storey apartment building on a presently unoccupied lot. Three parking spaces and a 135m² amenity space are proposed at the rear of the building.

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 November 5, 2018.

Given the size and location of the proposed new building all existing trees within the subject property will be removed prior to the start of construction. A line of trees at the rear of the property will not be affected by construction and so are slated to be preserved. No trees were found to be present on nearby private or City of Ottawa property.

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 within the subject property.



Table 1. Species, size, condition, age class and status of trees located at 1305 Summerville Ave.

Tree No.	Tree Species	D.B.H. ¹ (cm)	Tree condition, age class and Status (to be removed or preserved and protected)
1	Crab apple (<i>Malus</i> spp.)	54.3 (at 0.4m)	Fair; mature; tri-dominant stems at 0.5m from grade - all divergent; broad crown; one stem dead, others dense with sprouts; introduced species; to be removed (conflicts with construction)
2	Eastern white cedar (<i>Thuja occidentalis</i>)	27.9 & 26.5 (at 0.15m)	Fair; mature; double stemmed (two others previously removed); crown raised over adjacent laneway; fair crown density; vigour suffering due to poor and compacted soils; native species; to be removed (conflicts with construction)
3	Eastern white cedar	23.9 & 22.7 (at 0.3m)	Fair; mature; double stemmed; three laterals removed to provide clearance over adjacent laneway; upright crown form; fair crown density; vigour suffering due to poor and compacted soils; native species; to be removed (conflicts with construction)
4	Eastern white cedar	40.2, 28.2, 32.4, 14.5 & 37.9 (at 0.5m)	Good; mature; five stemmed; broad, generally symmetrical crown; fair crown density; vigour suffering due to poor and compacted soils; native species; to be removed (conflicts with construction)

¹ diameter at breast height, or 1.3m from grade (unless otherwise noted)

Pictures 1, 2 and 3 on pages 3 and 4 on this report show the trees within the subject property.

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 at the rear of 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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Consulting Urban Forester



Picture 1. Crab apple #1 (left) and cedars #2-4 at 1305 Summerville Ave.



Picture 2. Cedars #2, 3 and 4 at 1305 Summerville Ave.



Picture 3. Crab apple #1 (right) and cedars #3 and 4 at 1305 Summerville Ave.