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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

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Committee of Adjustment  
Received | Reçu le  
**Revised | Modifié le : 2024-07-11**  
City of Ottawa | Ville d'Ottawa  
Comité de dérogation

September 28, 2018

**Re: Tree Conservation Report – 99 Fifth 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 proposed redevelopment of the property to include a seven-storey residential building. The subject property is presently occupied by two-storey commercial building surrounded by a sidewalks and patio areas of asphalt and interlock brick surfaces.

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. Further, any shared trees or trees located on adjacent properties will require permission from neighbouring owners prior to removal.**

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 June 25 and August 28, 2018.

**Tree Inventory**

Table 1 below details the species, size (diameter), condition, ownership, age class and status of the trees adjacent to the subject property. Each tree is referenced by the corresponding numbers plotted on the accompanying landscape plan prepared by Fountain Landscape Architecture and Urban Design.

Three of the four existing trees along Fifth Avenue will be removed prior to the start of construction. This is due to their present poor condition. All of these trees are located on City of Ottawa property.



Table 1. Species, size, condition, age class and status of trees located adjacent to 99 Fifth Ave.

Tree No.	Tree Species	D.B.H. <sup>1</sup> (cm)	Tree condition, age class and <b>Status</b> (to be removed or preserved and protected)
1	Siberian elm ( <i>Ulmus pumila</i> )	57.8	Fair; mature; very restricted rooting area (raised planting bed between 99 and 93 Fifth Ave); scattered deadwood and defoliation – 50 percent of crown in decline (likely the result of drought conditions in 2018); introduced naturalized species; <b>to be preserved and protected</b>
2	Siberian elm	34.6	Very poor; mature; over 80 percent of crown dead – in advanced decline; introduced naturalized species; <b>removed by City of Ottawa crews in September 2018</b>
3	Siberian elm	28.5	<b>Dead; removed by City of Ottawa crews in September 2018</b>
4	Siberian elm	34.7	Poor; mature; 60 percent of crown dieback – in mid decline; epicormic sprouting present on main stem below crown – some vigour remaining; introduced naturalized species; <b>to be removed</b>

<sup>1</sup> diameter at breast height, or 1.3m from grade, average diameters indicate multi-stemmed trees

### **Tree Preservation and Protection Measures**

Preservation and protection measures intended to mitigate damage during construction will be applied to the single tree 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 (CRZ<sup>1</sup>) 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.

<sup>1</sup> 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. Siberian elm #1 adjacent to 99 Fifth Avenue (note drought symptoms).





Picture 2. Siberian elms #2 and 3 adjacent to 99 Fifth Avenue (note advanced crown death in both trees – both trees removed by City of Ottawa crews in September 2018).





Picture 3. Siberian elm #4 adjacent to 99 Fifth Avenue (note crown dieback and sprouting below crown).