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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

Hugo Lalonde, MCIP, RPP Land Development Manager Minto Communities - Canada 200-180 Kent Street Ottawa, ON K1P 0B6 Committee of Adjustment Received | Reçu le

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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.

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

¹ 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 (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.

Please do not hesitate to contact me with any questions concerning this tree conservation report.

Yours,

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

Consulting Urban Forester

Andrew Boyd



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.

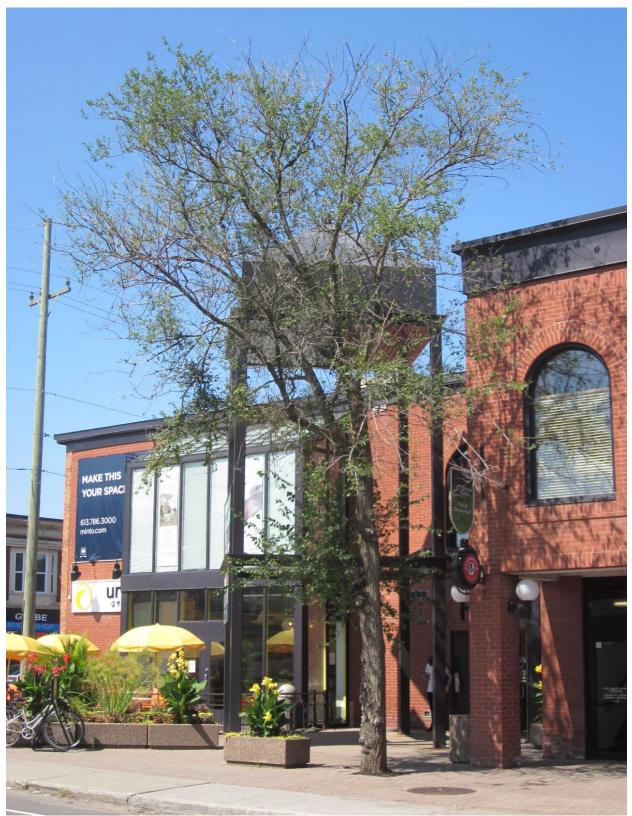


Picture 1. Siberian elm #1 adjacent to 99 Fifth Avenue (note drought symptoms).





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).

