



December 22, 2017

Gino J. Aiello, Landscape Architect
50 Camelot Drive
Ottawa, ON
K2G 5X8

Re: Tree Conservation Report for 1012 & 1024 McGarry Terrace, 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 proposed 18-storey residential building. A minimum of 229 of underground parking spaces are also 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 December 4, 2017.

Given the footprint and location of the proposed new building, depth of excavation necessary for the underground parking and changes to grades, all existing trees on the subject property will be removed prior to the start of construction. Trees on all adjacent private properties will be retained.

Tree Species, Size, Ownership, Condition and Status

Table 1 on pages 2 and 3 details the species, size (diameter), condition and status of the trees on the subject property. Each tree is referenced by the corresponding numbers plotted on the accompanying tree plan prepared by Gino J. Aiello, Landscape Architect.



Table 1. Species, size, condition and status of trees located on 1012 & 1024 McGarry Terrace

Tree No.	Tree Species	D.B.H. ¹ (cm)	Tree condition, location, form, general health and Status (to be removed or preserved and protected)
1	White cedar hedge (<i>Thuja occidentalis</i>)	15 avg.	Fair; located on shared property line; mature; seeded species growing through and competing with hedge; planted, native species; to be retained
2	Manitoba maple (<i>Acer negundo</i>)	46	Poor; located on subject property; mature; co-dominant stems at 0.75m; in advanced decline (missing bark, internal decay); introduced, invasive species (originated from seed); to be removed
3	Manitoba maple	41	Fair; located on subject property; mature; single stemmed from grade; introduced, invasive species; to be removed
4	Manitoba maple	58	Fair; located on subject property; tri-stemmed at 1m; mature; introduced, invasive species; to be removed
5	Manitoba maple	27 avg.	Fair; located on subject property; five stemmed from grade – broad crown; mature; introduced, invasive species; to be removed
6	Manitoba maple	19 avg.	Fair; located on subject property; mature; tri-stemmed from 0.25m with 1 upright and 2 divergent competing stems; introduced, invasive species; to be removed
7	Manitoba maple	40 avg.	Fair to poor; located on subject property; grouping of mainly over mature trees in overstory, many of which have collapsed; understory dominated by honeysuckle (<i>Lonicera</i> spp.), buckthorn (<i>Rhamnus</i> spp.), staghorn sumac (<i>Rhus typhina</i>), and scattered trembling aspen (<i>Populus tremuloides</i>); introduced, invasive species; to be removed
8	White elm (<i>Ulmus americana</i>)	23	Good; located on subject property; maturing; no outward signs of Dutch elm disease infection (<i>Ophiostoma novo-ulmi</i>); native species; to be removed

¹ diameter at breast height, or 1.3m from grade

Pictures 1, 2 and 3 on pages 3 and 4 show selected trees on 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 shared trees to be retained. 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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Picture 1. Cedar hedge (tree #1) at 1012 & 1024 McGarry Terrace.



Picture 2. Trees #2, 3 and 4 at 1012 & 1024 McGarry Terrace.



Picture 3. Tree grouping #7 at 1012 & 1024 McGarry Terrace.