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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

April 21, 2017

Alfred Abboud, P.Eng.
Upscale Homes
324 & 326 Donald Street
Ottawa, ON
K1K 1M5

RE: TREE CONSERVATION REPORT – 324 & 326 DONALD STREET, OTTAWA

Dear Alfred,

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 future re-development of the property by Upscale Homes. Tree Conservation Reports are required for all site plan control applications for properties on which a tree of 10 centimetres in diameter or greater is present. 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.**

This report details the assessment of a four trees: two maples on the subject properties and two trees located on adjacent City of Ottawa land. The construction proposed for the subject properties includes the demolition of the two existing residential dwellings and construction of a three-storey low rise apartment building. Further, a driveway is proposed on the west side of the building to access seven vehicular surface parking spaces in the rear yard. Although excavation and construction of the new building will likely cause some minor damage to the existing trees, it will not cause serious harm if the protection measures detailed on pages 2 and 3 of this report are properly followed.

There are no other trees on adjacent private property which could be negatively impacted by the proposed construction.

TREE SPECIES, SIZE, CONDITION AND STATUS

Table 1 on the following page details the species, condition, size (diameter) and status of the affected trees.

Table 1. Species, condition, diameter and status of trees on or adjacent to 324 & 326 Donald St.

Tree No.	Tree Species	Condition[1] (VP→E)	DBH[2] (cm)	Tree Condition Notes & **Status** (to be removed or preserved)
1	Honey-locust *(Gleditsia triacanthos)*	Good	42	Located on City of Ottawa property; planted; crown moderately asymmetrical due to hydro pruning; **to be preserved and protected**
2	Japanese tree lilac *(Syringa reticulata)*	Fair	8	Located on City of Ottawa property; planted; well-formed crown; stem wounds at 0.4m from snow plows; low vigour; **to be preserved and protected**
3	Manitoba maple *(Acer negundo)*	Fair	12 avg.	Located on subject property (#324); tri-stemmed at 0.1m from grade; originated from seed – naturalized invasive species; **to be preserved and protected**
4	Norway maple *(Acer platanoides)*	Fair	22 (at 0.3m)	Located on subject property (#326); double stemmed at 0.4m; originated from seed – introduced invasive species; **to be preserved and protected**
5	White cedar *(Thuja occidentalis)*	Poor	17	Located on adjacent private property (#330); topped at 1.5m with four competing stems arising from wound; planted - native species; **to be preserved and protected**

[1] Very poor, poor, fair, good, very good, excellent

[2] Diameter at breast height, or 1.4m from grade (unless otherwise noted); average diameters indicate multi-stemmed trees

Pictures 1, 2 and 3 on pages 4 through 6 of this report show the trees on and adjacent to the subject properties.

TREE PRESERVATION AND PROTECTION MEASURES

Preservation and protection measures intended to mitigate damage during construction will be applied for the five trees to be retained on or adjacent to the subject properties. The following measures are the minimum recommended to ensure tree survival during and following construction:

1. Erect a fence (snow or metal) as close as possible to the critical root zone (CRZ[1]) of trees;
2. Attach signs to the fence indicating the area within is a protected space (do not attach any signs, notices or posters to any tree);
3. Do not place any material or equipment within the CRZ of trees;
4. When possible do not raise or lower the existing grade within the CRZ;
5. Tunnel or bore instead of digging or trenching within the CRZ of trees;

6. Do not damage the root system, trunk or branches of any tree – if damage does occur cut the wound cleanly and, especially in the case of roots, seal the wound with wax;
7. Ensure that exhaust fumes from all equipment are not directed towards any tree's crown.

[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.

I trust this tree conservation report satisfies all of your requirements. Please do not hesitate to contact me if you have any questions or comments.

Yours,

Andrew Boyd

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

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Picture 1. Trees #1 (left) and 2 adjacent to 324 & 326 Donald Street.

Picture 2. Tree #3 on 324 Donald Street.

Picture 3. Trees #4 (right) and 5 on 326 and 330 Donald Street, respectively.