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Urban Forestry & Forest Management Consulting

September 14, 2017

Rodney Wilts
Windmill Development Group Ltd.
400-300 Richmond Rd.
Ottawa, ON
K1Z 6X6

RE: MEMO RE. TREES AT SOUTHMINSTER CHURCH, 1040 BANK STREET, OTTAWA

Dear Rodney,

Following my field work on September 7, 2017, this brief memo details my findings regarding the trees on National Capital Commission (NCC) lands adjacent to the above noted development property.

Table 1 below details the species, condition, size (diameter) and status of the individual trees in proximity to the subject property. Each of these trees is referenced on the accompanying survey prepared by Stantec Geomatics Ltd.

Table 1. Species, condition, diameter and status of trees adjacent to 1040 Bank Street.

Tree No.	Tree Species	Condition (VP→E)	DBH ¹ (cm)	Tree Condition Notes & Preservation Status (to be removed or retained)
1	White elm (<i>Ulmus americana</i>)	Fair	22.5 & 20.3	Maturing; co-dominant stems at 0.25m from grade; crown asymmetrical towards southeast due to influence of tree #2; no outward signs of Dutch elm disease (<i>Ophiostoma novo-ulmi</i>); to be retained and monitored for stability during excavation
2	Silver maple (<i>Acer saccharinum</i>)	Very poor	86.2 (west) & 72.7 (east)	Over mature; co-dominant stems from grade; eastern stem topped at 14m from grade, same for major lateral at 9m; only foliage is held on tertiary branches 12 and 17cm in diameter – not enough to sustain woody biomass beneath; western stem with dieback at crown apex and cavity at 9m; tree is currently senescent and in progressive decline; to be removed prior to start of construction



Table 1. con't

3	White elm	Good	24.2	Maturing; crown asymmetrical towards northwest due to influence of tree #2; no outward signs of Dutch elm disease; vine growing to height of mid crown to be retained
4	Yellow birch (<i>Betula alleghaniensis</i>)	Very good	42.7	Mature; co-dominant stems at 2.75m from grade; divergent lateral towards west at 2.5m; dense crown with good leaf size and colour-vigourous; vine growing into lower crown; to be retained
5	Red maple (<i>Acer rubrum</i>)	Good	56.1	Mature; co-dominant stems at 1.75m from grade – mildly divergent; spiral seam in northern stem at 5m; stub with decay at 5m in southern stem; vine growing into lower crown; to be retained (southern stem will require reduction pruning for future building)
6	White spruce	Good	31.6	Mature; single upright stem with narrow, symmetrical crown; living crown held for 2/3 height; heavy cone crop in 2016/17; fair crown density, annual increment and needle colour; to be retained

¹Diameter at breast height, or 1.4m from grade.

Pictures 1 through 4 on pages 3, 4 and 5 show selected trees adjacent to the subject property.

Please do not hesitate to contact me with any questions concerning this memo.

Yours,

Andrew Boyd

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 Certified Arborist #ON-0496A and TRAQualified
 Consulting Urban Forester



Picture 1. Over-mature silver maple (tree #2) adjacent to 15 Aylmer Avenue.



Picture 2. Crown of silver maple (note dieback at apex).



Picture 3. Cavity in eastern stem of silver maple.



Picture 4. Mature red maple and white spruce (trees #5 and 6) adjacent to 15 Aylmer Avenue.