



ARBORIST MEMO

July 10, 2018

Matt Anderson

Construction Manager

Polygon Construction

Suite 900 1333 West Broadway

Vancouver BC V6H 4C2

Re: Arborist recommendations for tree pruning at Lot 9 UBC.

Diamond Head Consulting Ltd. (DHC) was asked by Polygon Homes to review the proximity of a few trees in relation to the crane movement located on Lot 8 at UBC. The issue is that several of the branches from the nearby trees are interfering with the cables/chain attached the crane as it lowers materials to the lower floors of the development.

Those trees requiring some type of treatment consisting of lift pruning, tilting back branches or removal are summarized below in **Error! Reference source not found..**

Table 1. Inventory of identified trees and new pruning/treatment comments.

Tag	Species	DBH	Height	Condition	Comments	Pruning Recommendations
2620	Cedar (T. plicata)	76	28	Moderate	Much of the live crown is still present. This tree has about an 70% live crown.	Remove lower branches. Can raise canopy by 3 meters. Follow ANSI 300 standards.
2579	Maple (A. macrophyllum)	15	13	Poor-Moderate	Suppressed. Tree has had much of its live crown removed by the crane movements.	Remove this tree. It has little live crown left and through pruning it, the tree will need to be topped.
2515	Maple (A. macrophyllum)	23	16	Moderate	Suppressed by adjacent trees. Has had some of its foliage remove. Can tilt back.	Crown raise by approximately 3 meters. Attempt to remove only the branches that are being impacted and leave enough to maintain its health. Follow ANSI 300 standards.
761	Maple (A. macrophyllum)	50	22	Moderate	Has had some of its foliage already removed.	Crown raise by approximately 3 meters. Follow ANSI 300 standards.

Photos:



Photo 1. Looking at the southeastern corner where tree pruning is required. Note the overhang at the left of the photo.

Photo 2. Looking closer to the wall the overhang is apparent at the far end. Trees have already been hit and have little foliage left on them.



Photo 3. Looking at 2579 in the foreground. Little live crown remains. With the two other maples behind it.

If you have any questions regarding the trees assessed or the recommendations made please do not hesitate to contact us.

Trevor Cox, RPP, MCIP
ISA Certified Arborist (PN1920A)
ISA Qualified Tree Risk Assessor
BC Parks Wildlife and Danger Tree Assessor

Contact Information:

Phone: 604-733-4886
Email: Trevor@diamondheadconsulting.com
Website: www.diamondheadconsulting.com

Insurance Information:

WCB: # 657906 AQ (003)

General Liability: Northbridge General Insurance Corporation - Policy #CBC1935506, \$10,000,000

Errors and Omissions: Lloyds Underwriters – Policy #1010615D, \$1,000,000

Limiting Conditions:

- 1) Our investigation is based solely on visual inspection of the trees during our last site visit.
- 2) This report does not provide any estimates to implement the proposed recommendations provided in this report.
- 3) Unless expressly set out in this report or these Assumptions and Limiting Conditions, Diamond Head Consulting Ltd. (“Diamond Head”) makes no guarantee, representation or warranty (express or implied) regarding this report, its findings, conclusions or recommendations contained herein, or the work referred to herein.
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- 5) The findings, conclusions and recommendations made in this report reflect Diamond Head’s best professional judgment given the information available at the time of preparation. This report has been prepared in a manner consistent with the level of care and skill normally exercised by arborists currently practicing under similar conditions in a similar geographic area and for specific application to the trees subject to this report on the date of this report. Except as expressly stated in this report, the findings, conclusions and recommendations it sets out are valid for the day on which the assessment leading to such findings, conclusions and recommendations was conducted. If generally accepted assessment techniques or prevailing professional standards and best practices change at a future date, modifications to the findings, conclusions, and recommendations in this report may be necessary. Diamond Head expressly excludes any duty to provide any such modification if generally accepted assessment techniques and prevailing professional standards and best practices change.
- 6) Conditions affecting the trees subject to this report (the “Conditions”, include without limitation, structural defects, scars, decay, fungal fruiting bodies, evidence of insect attack, discoloured foliage, condition of root structures, the degree and direction of lean, the general condition of the tree(s) and the surrounding site, and the proximity of property and people) other than those expressly addressed in this report may exist. Unless otherwise stated information contained in this report covers only those Conditions and trees at the time of inspection. The inspection is limited to visual examination of such Conditions and trees without dissection, excavation, probing or coring. While

every effort has been made to ensure that any trees recommended for retention are both healthy and safe, no guarantees, representations or warranties are made (express or implied) that those trees will not be subject to structural failure or decline. The Client acknowledges that it is both professionally and practically impossible to predict with absolute certainty the behavior of any single tree, or groups of trees, in all given circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential for failure and this risk can only be eliminated if the risk is removed. If Conditions change or if additional information becomes available at a future date, modifications to the findings, conclusions, and recommendations in this report may be necessary. Diamond Head expressly excludes any duty to provide any such modification of Conditions change or additional information becomes available.

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- 8) Diamond Head shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contract of engagement.
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- 10) Sketches, diagrams, graphs, and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys.
- 11) Loss or alteration of any part of this report invalidates the entire report.