

## **ATTACHMENT**

DATE: July 17<sup>th</sup>, 2020

TO: Mr. Tony Romanin

FROM: Norman Blais, OALA, ISA ON-1175A

SUBJECT: Proposed Residential Development for Beachwood Drive, Wasaga Beach

PURPOSE: For Town of Wasaga Beach as Attachment of Tree Inventory/Preservation Plan.

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## **ARBORIST REPORT**

JDB Associates Ltd. was retained to complete an Arborist Report and Tree Inventory/Preservation Plan for a proposed development located at Part of Lot 34, Concession 3, Wasaga Beach.

In March 2020, the trees and vegetation on the proposed site were evaluated to determine their opportunity for preservation.

Notwithstanding the recommendations and conclusions made in this report, it must be realized that trees are living organisms and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather.

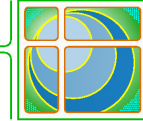
### **Scope of Work**

This report provides a general assessment of:

- Vegetation inventory specifying the forest cover and composition
- 61 boundary trees that may be affected by the proposed development

### **Summary**

- The central part of the site is covered by an Eastern White Cedar forest stand with canopy coverage of 80%; the dominant species are the Eastern White Cedar (70%) mixed with White Spruce (15%) and White Pine (15%). Most of this forest stand is proposed to be removed except for the area of the Block #46 Parkland; this block is to be conditionally preserved until a final grading plan is provided.
- On the North, West and East side of the property most of the forest is dominated by a mix of deciduous species with lower canopy coverage (70%) and few inclusions of the previous White Cedar forest stand. The dominant species are White Ash (35%) and Trembling Aspen (25%). Only the area related to the Block #46 is to be conditionally preserved.



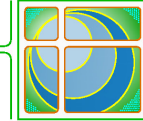
- On the South side, adjacent to Beachwood Dr. there is a dense forest stand with 90% canopy coverage dominated by Scots Pine.
- Most of the trees are mature, with a DBH of  $\pm 25 - 35$ cm, in fair condition;
- In all three forest stands there are scattered large White Pines with a DBH of  $\pm 40$ cm in fair-good condition.
- Most of the boundary trees adjacent to the North and East property line will be protected.
- One White Ash tree #529, in fair/poor condition located 1m on the adjacent property, east of the proposed Lot #1, should be removed; the tree is forked at 6m, susceptible to Emerald Ash Borer and may become hazardous when the lot will be developed and the roots damaged. An immature White Spruce #530, located in the same area may be hurt by the proposed development but it is expected to recover due to a fair/ good condition and young age. A letter of consent from the tree owner's is required for both trees.
- The boundary trees adjacent to the West property line will be removed due to the proposed Drainage Block #45. A letter of consent is required from the adjacent neighbor for the removal of the boundary trees.

## **Methodology**

- The trees were assessed with guidelines established by the International Society of Arboriculture. The health assessments were performed without excavation or internal examination such as coring or drilling.
- The following information was obtained for the inventoried trees:
  - tree species;
  - size range diameter at breast height (DBH);
  - average canopy height;
  - average canopy diameter;
  - overall general tree condition (structure and vigor):
    1. good – dead branches less than 10%; signs of good compartmentalization of any wounds, no structural defects;
    2. fair – 10-30% dead branches, minor wounds of some concern, minor structural defects;
    3. poor – more than 30% dead branches, weak compartmentalization, major structural defects;
- A professional surveyor digitally identified the property lines on site. The trees were located using a handheld GPS and triangulated in relation to the property lines.

## **Details of Findings**

- A summary of the vegetation and tree data is provided in the attached Tree Inventory Plan.



- The Tree inventory/ preservation plan has been completed based on the proposed concept plan provided by the client.

## **Limits**

Unless expressed otherwise information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection, and the inspection is limited to visual examination of accessible items without further dissection, excavation, probing, or coring.

Loss or alteration of any part of a report invalidates the entire report.

There is no warranty or guarantee expressed or implied that problems or deficiencies of the trees in question may not arise in the future.

The report and conclusions expressed herein represent the opinion of *John D. Bell Associates Ltd.* Our fee is no way contingent upon any specified value, a result or occurrence of a subsequent event, or upon any finding to be reported.

A handwritten signature in blue ink, appearing to be the initials 'NB' or a stylized 'B' with a vertical line through it.

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Norman Blais

*Landscape Architect, Certified Arborist*

OALA, ISA ON-1175A