



**Preliminary
Tree Conservation Report for 6001-6005 Renaud Rd
Orleans, ON**

Prepared for

Landric Homes Inc
63 Chemin de Montreal
Gatineau, QC J8M 1K3
819-663-0003

Contact: Matthew Firestone
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March 8, 2021

Introduction

This report has been prepared to adhere with the City of Ottawa Tree Protection (By-law No. 2020-340). A site visit was conducted on Friday March 5, 2021 by ISA certified arborist Dave Buttivant(ISA ON1174A) at the above mentioned address to assess all trees affected by future development. **This report should be provided to The City of Ottawa forestry department for review and to ALL contractors working on site during demolition, excavation and construction.**

NO TREES SHALL BE REMOVED PRIOR TO CITY OF OTTAWA APPROVAL

Site/Owner information

Owner - See above

Arborist - See above

Contractor - To be determined

Municipal address and legal description -

6001 Renaud is Part 1 of Plan 5R-5324 P.I.N 04757-0040 and 6005 Renaud is known as Part of Lot 7, Concession 3, geographic Township of Gloucester, now in the City of Ottawa. P.I.N 04757-0019

Schedule - To be determined

Arborist Assessment

This property is a densely treed area bordering a more recently developed community. There are 70 trees over 10cm dbh on site including 12 trees greater than 50cm dbh. Cedar hedges and smaller trees can also be found throughout the property.

After the initial site visit it can be confirmed none of the following natural elements are present on this property.

Surface water features, including vernal pools, wetlands and watercourses;
Steep slopes, including valleys and escarpments;
Valued woodlots designated as Urban Natural Features or Natural Environment Areas, areas evaluated in the Urban Natural Areas Environmental Evaluation Study (UNAEES), or other areas that meet the criteria used in the UNAEES;
Significant woodlands;

***High quality, specimen trees; -**

Hazardous trees;

The presence of riparian woodlots, rare communities or other unique ecological features; and

Species at Risk and their habitat.

*** 12 trees would be considered Distinctive trees within the City of Ottawa suburban area(schedule F) but I would not describe them as High quality specimen trees.**

After reviewing the site plan and conducting a site visit it can be quickly determined there is not much room for tree retention on this property. Regardless of mitigation measures, all critical root zones will be affected by future construction. All trees within the building footprint, parking lot and lane ways will require removal. **There are no trees on adjacent properties affected by construction.**

Consideration was taken into place regarding the following trees for retention and reasonings below. Please note, root flare and root plates were not visible at this time.

White pine(#17-23) in particular, I would not retain these trees within close proximity to buildings for safety reasons. Recommend Removal

Red Pine(#27-36) trees closest to property line are leaning and other trees have poor taper and exposure. Recommend Removal

Scots Pine(#65,66) these two trees appear to be within the proposed Amenity Area but if all other trees are being removed, given this species response to stress I would not retain. Recommend Removal

Sugar Maple(#46) poor location for retention. Recommend Removal.

Red Pine (#68) this tree is on the property line and has a drastic lean towards the neighbours. Recommend Removal

Silver Maple(#2) this tree appears to be located between the SW lane way and the proposed building. If enough of the critical root zone can be protected and with proper pruning I believe this tree can be retained or at least considered. Further surveying required.

At this time it is my recommendation all trees be removed pre-demolition with the exception of Silver Maple #2 if planning allows and owner agrees to mitigation measures. It should also be taken into account that any trees to be retained(border trees in particular) will be newly exposed to the elements and even if root zones are not disturbed they will be susceptible to wind throw.

To make up for canopy loss I believe a significant tree planting program will need to be put in place both on this property and surrounding areas where permissible. Always plant native species and choose the proper size tree for the location.

***See attached compensation chart for tree removal**

Information for contractors when working around trees

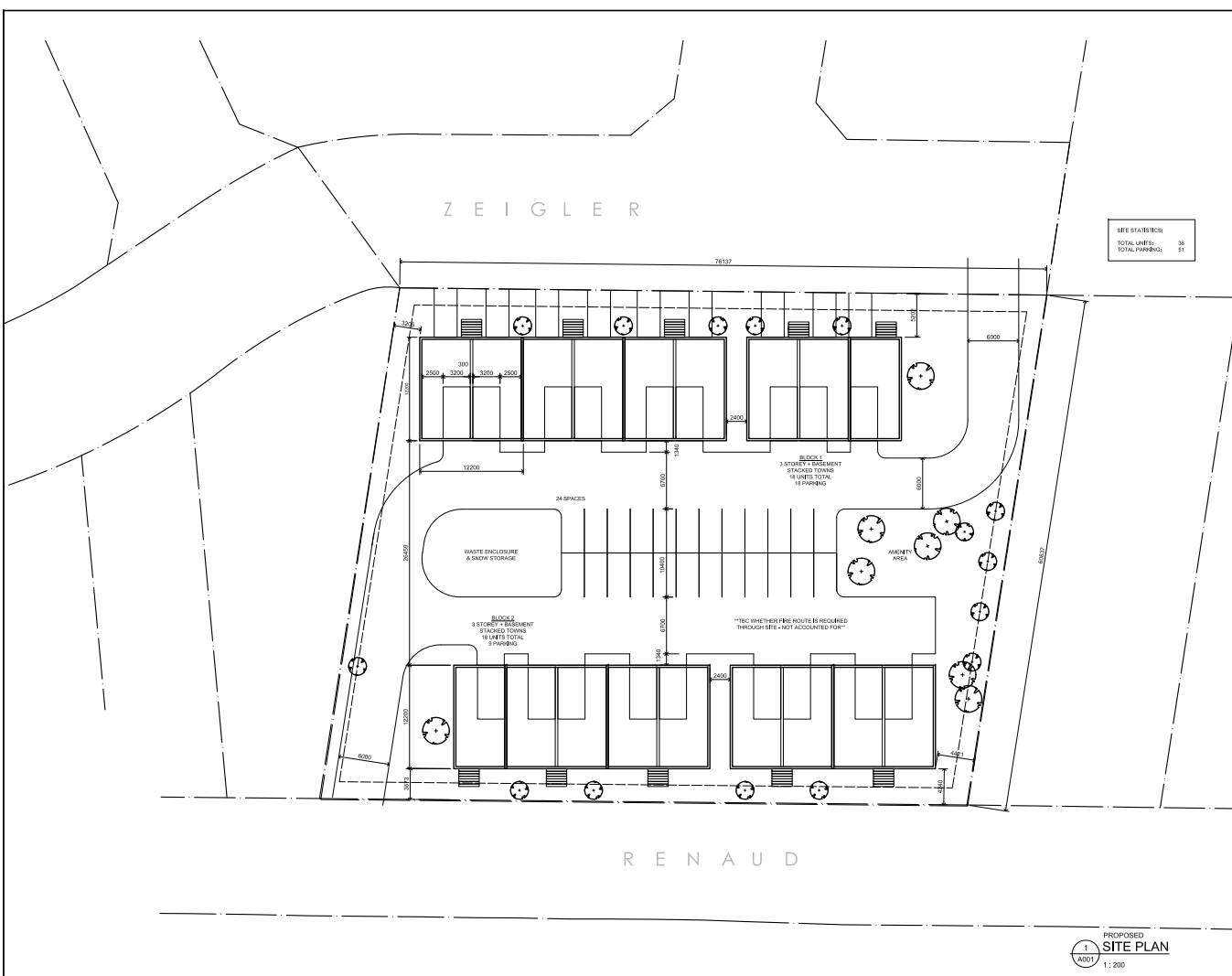
Soil compaction and vibrations from construction equipment can cause root damage. The Municipal Trees and Natural Areas Protection By-law requires that contractors working near trees must:

- erect a fence at the critical root zone (CRZ) of trees**
- not place any material or equipment within the CRZ of the tree**
- not attach any signs, notices or posters to any tree**
- not raise or lower the existing grade within the CRZ of a tree without approval of Forestry Services**
- not tunnel or bore when digging within the CRZ of any tree**
- not damage the root system, trunk or branches of any tree**
- ensure that exhaust fumes from all equipment are not directed towards any tree's canopy**

Arborist Bulletin

City of Ottawa Tree Protection By-law

Application Type	Report Requirements		Application Fee		Compensation	
	City	Private	City	Private	City	Private
Construction or no development	TIR short (call 311 to confirm)	TIR short	\$150/tree to \$750 max	\$150/tree to \$750 max	Trunk Formula valuation	1:1 replacement
Infill or demolition	TIR full	TIR full	\$500/tree to \$2500 max	\$500/tree to \$2500 max	Trunk Formula valuation	30-49 cm: 2:1 replacement
						≥50 cm: 3:1 replacement
						OR \$400 per tree not planted
Planning Act	TCR	TCR	Included in development fees		Through Landscape Plan	



CLIENT / OWNER:
 LANDRIC HOMES
 63 CHEMIN DE MONTRÉAL EST
 GATINEAU, QC J8M 1K3
 819-663-0003

SITE STARTING: 36
 TOTAL LOTS: 36
 TOTAL PARKING: 51

01	ISSUED FOR CLIENT MEET	26 FEB. 2021
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THE ARCHITECT WARRANTS AND IS RESPONSIBLE AND LIABLE FOR PROVIDING WHICH ARE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS, AND THE ORDINANCES OF THE CITY OF OTTAWA, WHICH ARE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS, AND THE ORDINANCES OF THE CITY OF OTTAWA. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECTS AND DOES NOT INCLUDE ANY OTHER SERVICES OR PRODUCTS WHICH ARE ALLEGED.

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND PROMPTLY BEFORE ALL WORK BEGINS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECTS AND DOES NOT INCLUDE ANY OTHER SERVICES OR PRODUCTS WHICH ARE ALLEGED.

ALL WORK IS TO FOLLOW THE OBC 2012 AND ANY OTHER APPLICABLE CODES AND REGULATIONS.

DO NOT SCALE DRAWINGS.

THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS A BUILDING PERMIT IN RESPECT OF THE PROJECT HAS BEEN GRANTED BY AUTHORITIES AND THEY ARE ISSUED FOR CONSTRUCTION. COPYRIGHT RESERVED.



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drawing
SITE PLAN - OPTION D

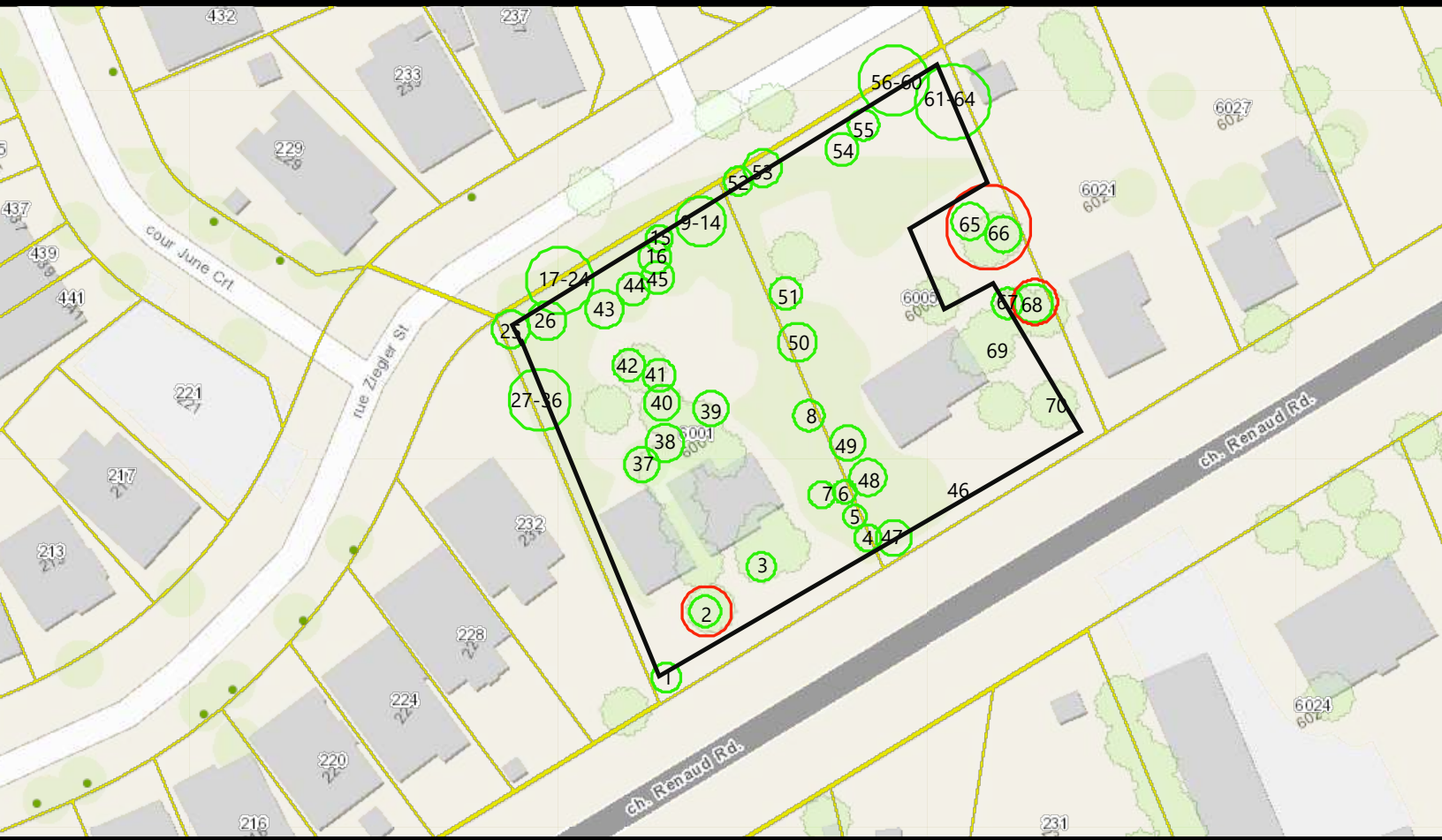
drawn	KCB	date	FEBRUARY 2021
approved	KCB	in-charge	
project no.	2101	scale	AS SHOWN

PROPOSED
SITE PLAN
 1:200

A001-D

TREE #	SPECIES	DBH/cm	CONDITION	TREE #	SPECIES	DBH/cm	CONDITION
1	WHITE ASH	47	POOR	36	RED PINE	21	GOOD
2	SILVER MAPLE	77	GOOD	37	NORWAY MAPLE	17	GOOD
3	CRAB APPLE	31	FAIR	38	CEDAR	29	GOOD
4	SCOTS PINE	30	GOOD	39	SILVER MAPLE	50	GOOD
5	SCOTS PINE	21	GOOD	40	NORWAY MAPLE	15	GOOD
6	SCOTS PINE	26	DEAD	41	MTN ASH	34	POOR
7	NORWAY MAPLE	36	GOOD	42	JAP LILAC	19	FAIR
8	SCOTS PINE	28	DEAD	43	WHITE ASH	39	DEAD
9	SCOTS PINE	36	FAIR	44	CEDAR	25	GOOD
10	SCOTS PINE	33	FAIR	45	CEDAR	31	GOOD
11	SCOTS PINE	35	GOOD	46	SUGAR MAPLE	56	FAIR
12	RED PINE	34	POOR	47	SCOTS PINE	37	GOOD
13	SCOTS PINE	26	GOOD	48	SILVER MAPLE	106	GOOD
14	SCOTS PINE	23	FAIR	49	SILVER MAPLE	87	GOOD
15	WHITE PINE	64	GOOD	50	SILVER MAPLE	78	GOOD
16	NORWAY MAPLE	43	FAIR	51	SILVER MAPLE	109	GOOD
17	WHITE PINE	24	FAIR	52	SCOTS PINE	33	GOOD
18	WHITE PINE	40	GOOD	53	SCOTS PINE	35	GOOD
19	WHITE PINE	47	GOOD	54	SILVER MAPLE	112	GOOD
20	WHITE PINE	42	GOOD	55	SILVER MAPLE	92	GOOD
21	WHITE PINE	33	GOOD	56	NORWAY SPRUCE	24	GOOD
22	WHITE PINE	34	FAIR	57	NORWAY SPRUCE	36	GOOD
23	WHITE PINE	35	DEAD	58	NORWAY SPRUCE	42	GOOD
24	RED PINE	19	FAIR	59	NORWAY SPRUCE	29	GOOD
25	RED PINE	15	FAIR	60	SILVER MAPLE	58	GOOD
26	WHITE PINE	37	GOOD	61	MANITOBA MAPLE	26	GOOD
27	RED PINE	13	FAIR	62	SCOTS PINE	29	FAIR
28	RED PINE	16	GOOD	63	BASSWOOD	46	GOOD
29	RED PINE	29	GOOD	64	NOR.SPRUCE	40	GOOD

30	RED PINE	23	GOOD	65	SCOTS PINE	42	GOOD
31	RED PINE	30	GOOD	66	SCOTS PINE	35	GOOD
32	RED PINE	26	GOOD	67	SCOTS PINE	26	GOOD
33	RED PINE	18	GOOD	68	RED PINE	47	GOOD
34	RED PINE	15	GOOD	69	BLUE SPRUCE	30	FAIR
35	RED PINE	28	GOOD	70	SILVER MAPLE	88	GOOD





Tree#2(above)-Tree#70(below)



Trees#48-51(above)-Tree#46(below)





Tree#68




Tree#54,55

Please visit <http://www.ottawa.ca/treebylaw> to be sure of all of your requirements prior to demolition.

Any questions, concerns or City of Ottawa forestry department feedback can be directed to:

Dave Buttivant (ISA ON1174A)
613-668-3283dave@easternontarioarborists.ca

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