

August 14, 2023

Saint Luke's Dixie Seniors Residence  
4150 Westminster Place  
Mississauga, Ontario  
L4W 3Z7

Attention: Nicole Pal  
[npal@shs-inc.ca](mailto:npal@shs-inc.ca)

**VIA E-MAIL**

**Re: Addendum to Environmental Noise Feasibility Study  
St. Luke's Dixie Seniors Residence Expansion  
4150 Westminster Place  
Proposed Seniors Residence Expansion  
Mississauga, Ontario  
VCL File: 122-0276**

Dear Ms. Pal:

Valcoustics Canada Ltd. (VCL) previously prepared an Environmental Noise Feasibility Study dated October 3, 2022 (herein referred to as the Noise Report) for the proposed seniors residence expansion. This Addendum has been prepared to address review comments from the City of Mississauga. Specifically, the City has requested a figure depicting the locations of the receptor points used in the study.

The receptor locations were described in Table 2 of the Noise Report. Table 2 has been updated to include receptor labels ("A", "B" and "C"). The revised table is shown below. Figure 2 has been updated to show the corresponding receptor locations. The revised figure is attached to this Addendum as Appendix A.

The table and figure remain otherwise unchanged. As noted in the Noise Report, the analysis is based on the architectural drawing set prepared by Kearns Mancini Architects, dated April 4, 2022. Figure 2 shows the Site Plan from this drawing set.

**UPDATED TABLE 2 PREDICTED UNMITIGATED SOUND LEVELS OUTDOORS**



Location <sup>(1)</sup>	Roadway	Distance <sup>(2)</sup>	L <sub>eq</sub> Day (dBA)	L <sub>eq</sub> Night (dBA)
A Southeast Corner (South Facade)	Rathburn Road East	36	63	57
	Tomken Road	302	52	46
	<b>TOTAL</b>	-	<b>63</b>	<b>57</b>
B Southeast Corner (East Facade)	Rathburn Road East	36	60	54
	Tomken Road	302	55	48
	<b>TOTAL</b>	-	<b>61</b>	<b>55</b>
C Rooftop Patio (OLA)	Rathburn Road East	40	54	-
	Tomken Road	311	53	-
	<b>TOTAL</b>	-	<b>56</b>	-

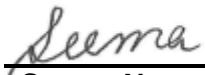

Notes:

- (1) See the updated Figure 2 for the locations of the calculations.
- (2) Distances measured from the centreline of the roadway to the receptor.

Yours truly,

**VALCOUSTICS CANADA LTD.**

Per:    
**Brett Lipson, M.Eng., P.Eng.**

Per:    
**Seema Nagaraj, Ph.D., P.Eng.**

BL\mv  
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Enclosures

# **APPENDIX A**

## **REVISED FIGURE 2**



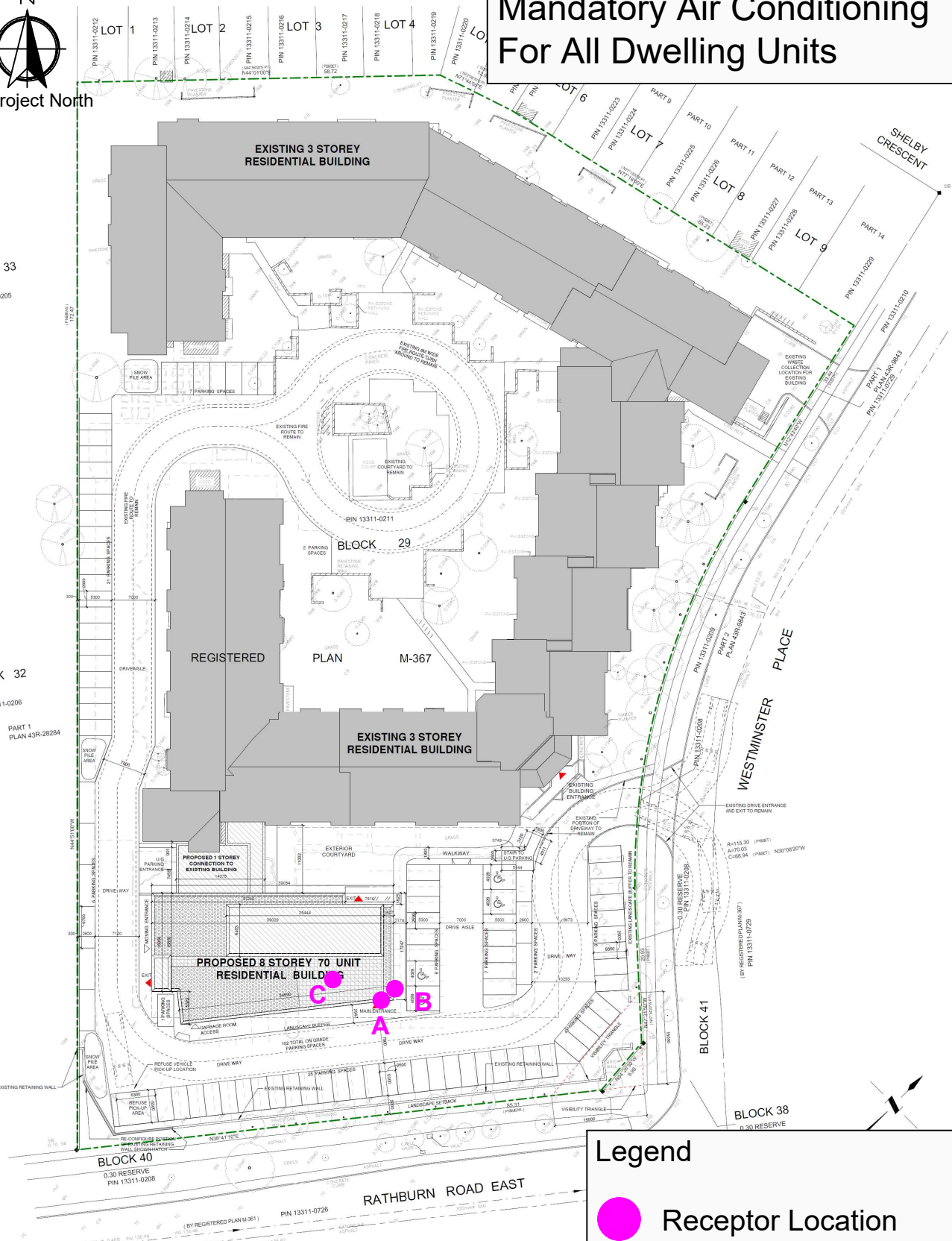
True North

Project North

# Mandatory Air Conditioning For All Dwelling Units

BLOCK 33  
PIN 13311-0205

BLOCK 32  
PIN 13311-0206  
PART 1  
PLAN 43R-28284



## Legend

 Receptor Location

BASE DRAWING BY KEARNS MANCINI ARCHITECTS



30 Wertheim Court, Unit 25  
Richmond Hill, Ontario  
Canada L4B 1B9  
Tel: 905-764-5223  
Fax: 905-764-6813  
solutions@valcoustics.com

Title

Site Plan

Project No.

122-0276

Date

Jul 31, 2023

Project Name

St. Luke's Dixie Seniors  
Residence Expansion,  
Mississauga

Scale

N.T.S.

Figure

2

No. Revision/Issue Date