

April 15, 2020

Neha Kulkarni
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Toronto, ON M5T 2C8
email: nkulkarni@kfarchitecture.com

Re: Reliance Letter, 1444-1458 Cawthra Road, Mississauga, Ontario

Dear Neha,

As requested, HGC Engineering has prepared this letter to address the revised site plan, attached, prepared by KFA Architects + Planners dated August 13, 2019. Our latest noise report for this site is entitled, “Noise Feasibility Study, Proposed Residential Development, 1444 – 1458 Cawthra Road, Mississauga, Ontario” dated December 19, 2019. This letter is being prepared in response to the City of Mississauga’s comments dated March 20, 2020.

Since our report, the site plan has been revised slightly. The minor changes to the site plan do not affect the acoustic recommendations contained in our December 19, 2019 noise report.

The recommendations contained in our December 19, 2019 noise report remain valid. Tables IV and V from our report has been reproduced below with no changes.

Table V: Summary of Noise Control Requirements and Noise Warning Clauses

Prediction Location	Building	Unit No.	Acoustic Barrier	Ventilation Requirements*	Type of Warning Clause	Building Façade Constructions
A	B	10	✓+	Forced Air	B, C	OBC
B	B	8 – 9	--	Forced Air	A, B	OBC
	D	6 – 7				
C	D	5	--	Forced Air	A, B	OBC
D	A	16	✓+	Forced Air	B, C	OBC
E	A	14 – 15	--	Forced Air	A, B	OBC
	C	12 – 13				
F	F	11	--	Forced Air	A, B	OBC
G	--	1 – 4	--	--	--	OBC

Notes:

-- no specific requirement

OBC – meeting the minimum requirements of the Ontario Building Code

+ When grading information is available, an acoustical consultant should provide refined acoustic barrier heights. See Table IV for recommended acoustic barrier heights for various sound levels.

* The location, installation and sound rating of the air conditioning condensers must be compliant with MECP Guideline NPC-300, as applicable.

Table IV: Required Barrier Heights to Achieve MECP OLA Sound Levels

Prediction Location	Sound Level in OLA [dBA]				
	55	56	57	58	59
[A]	2.5	2.2	2.0	--	--
[D]	2.5	2.3	2.0	--	--
Remaining Units	--	--	--	--	--

Notes:

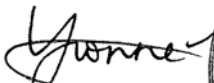
-- no specific requirement

Please use this letter as reliance on our latest noise report dated December 19, 2020

We trust this information is sufficient for your present purposes. If you require further information or require clarification, please do not hesitate to contact us.

Thank you.

Yours truly,
Howe Gastmeier Chapnik Limited


Ms. Yvonne Lo, BAsC, PEng



**1444
1458**

**1444-1458 CAWTHRA ROAD
MISSISSAUGA, ON**

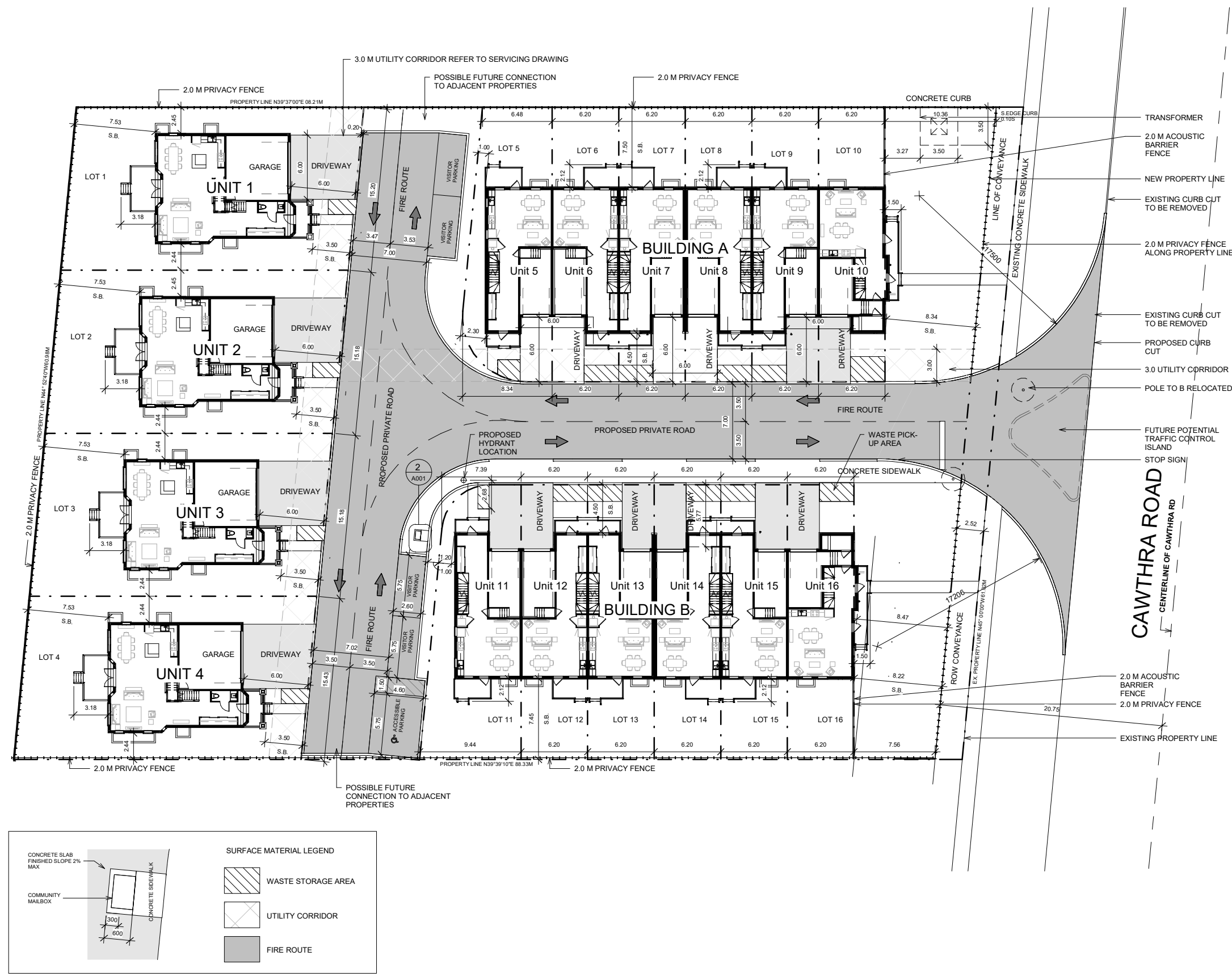
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1	Issue to Consultants	2018.09.12
2	Issue for OPI/RZ	2018.09.28
3	Issued for Review	2019.08.13

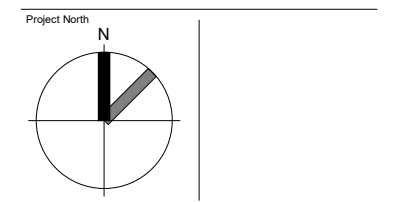
NOTES:

- THIS SITE HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MISSISSAUGA ZONING BYLAW NO. 672.
- FOR STORM WATER MANAGEMENT, SITE SERVICING AND GRADING INFORMATION REFER TO DRAWINGS PREPARED BY LITHOS GROUP INC. 150 BERMONDSEY ROAD UNIT #200 TORONTO ON, M4A 1Y1
- FOR LANDSCAPE INFORMATION, REFER TO DRAWINGS PREPARED BY JOHN RUSSO LANDSCAPE ARCHITECT
- INFORMATION TAKEN FROM PLAN OF PART OF LOTS 188, 189, & 191 REGISTERED PLAN B-19, CITY OF MISSISSAUGA
- PREPARED BY: TOM A. SENKUS ONTARIO LAND SURVEYOR, 40 BURROWS AVENUE TORONTO (ISLINGTON), ON M9B 4W7
- ANY GRADE ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, REFER TO GRADING AND SITE SERVICING PLAN FOR GRADING AND UG SERVICES
- ALL SITE AREA LIGHTING TO BE DIRECTED DOWNWARD AND DEFLECTED AWAY FROM ADJACENT LOTS ROADS AND STREETS
- ALL CURBING AND DRIVEWAY ENTRANCES TO BE DESIGNED IN ACCORDANCE WITH THE CITY'S MATERIALS STANDARDS AND SPECIFICATIONS MANUAL
- GUARD RAILS IN ACCORDANCE TO THE OBC 2012 SHALL BE PROVIDED WHENEVER GRADE DIFFERENCE EXCEEDS 600MM DETAILS TO BE SUBMITTED AND BUILDING PERMIT STAGE
- BOULEVARD TO BE REINSTATED IN ACCORDANCE WITH CITY STANDARDS AND TO THE SATISFACTION OF THE CHIEF ENGINEER, EXECUTIVE DIRECTOR OF ENGINEERING AND CONSTRUCTION SERVICES
- EXISTING WATER SERVICE TO BE DISCONNECTED BY THE CITY OF MISSISSAUGA
- SNOW WILL BE REMOVED OFF SITE
- I HEREBY CERTIFY THAT THIS DRAWING CONFIRMS IN ALL RESPECTS TO THE SITE DEVELOPMENT PLANS ARCHITECT OR ENGINEER'S SIGNATURE (IF APPLICABLE) AND PROFESSIONAL SEAL THE CITY OF MISSISSAUGA REQUIRES THAT ALL WORKING DRAWINGS SUBMITTED TO THE BUILDING DIVISION AS PART OF AN APPLICATION FOR THE ISSUANCE OF A BUILDING PERMIT SHALL BE CERTIFIED BY THE ARCHITECT OR ENGINEER AS BEING IN CONFORMITY WITH THE SITE DEVELOPMENT PLAN AS APPROVED BY THE CITY OF MISSISSAUGA
- ALL EXTERIOR LIGHTING WILL BE DIRECTED ONTO THE SITE AND WILL NOT INFRINGE UPON THE ADJACENT PROPERTIES
- ALL ROOFTOP MECHANICAL UNITS SHALL BE SCREENED FROM VIEW BY THE APPLICANT
- PARKING SPACES RESERVED FOR PEOPLE WITH DISABILITIES MUST BE IDENTIFIED BY A SIGN, INSTALLED AT THE APPLICANT'S EXPENSE, IN ACCORDANCE WITH THE BY-LAW REQUIREMENTS AND BUILDING CODE REQUIREMENTS
- THE APPLICANT WILL BE RESPONSIBLE FOR ENSURING THAT ALL PLANS CONFIRM TO TRANSPORT CANADA'S RESTRICTIONS
- GRADES WILL BE MET WITH A 3% MAXIMUM SLOPE AT THE PROPERTY LINES AND WITHIN THE SITE
- ALL DAMAGED AREAS ARE TO BE REINSTATED WITH TOPSOIL AND SOD PRIOR TO THE RELEASE OF SECURITIES
- SIGNAGE SHOWN ON THE SITE DEVELOPMENT PLANS IS FOR INFORMATION PURPOSES ONLY. ALL SIGNS WILL BE SUBJECT TO THE PROVISIONS OF SIGN BY-LAW 0054-2002, AS AMENDED, AND A SEPARATE SIGN APPLICATION WILL BE REQUIRED THROUGH THE BUILDING DIVISION
- ANY FENCING ADJACENT TO MUNICIPAL LANDS IS TO BE LOCATED 15 CM (6.0 IN.) INSIDE THE PROPERTY LINE
- ONLY "SHIELDED" LIGHTING FIXTURES ARE PERMITTED FOR ALL DEVELOPMENT, EXCEPT FOR DETACHED AND SEMI-DETACHED DWELLINGS WITHIN 80 M (196.8 FT.) OF A RESIDENTIALLY ZONED PROPERTY AND MUST CONFIRM TO THE ENGINEER CERTIFIED LIGHTING PLAN
- THE ENGINEER CERTIFIED LIGHTING PLAN MUST BE SIGNED BY THE CONSULTING ENGINEER
- THE OWNER COVENANTS AND AGREES TO CONSTRUCT AND INSTALL "SHIELDED" LIGHTING FIXTURES ON THE SUBJECT LANDS, IN CONFORMITY WITH THE SITE PLAN AND ENGINEER CERTIFIED LIGHTING PLAN TO THE SATISFACTION OF THE CITY OF MISSISSAUGA
- THE APPLICANT WILL BE RESPONSIBLE FOR ENSURING THAT ALL PLANS CONFIRM TO TRANSPORT CANADA'S RESTRICTIONS
- WHERE PLANTING IS TO BE LOCATED IN LANDSCAPED AREAS ON TOP OF AN UNDERGROUND PARKING STRUCTURE, IT IS THE RESPONSIBILITY OF THE APPLICANT TO ARRANGE THE COORDINATION OF THE DESIGN OF THE UNDERGROUND PARKING STRUCTURE WITH THE LANDSCAPE ARCHITECT AND THE CONSULTING ENGINEERING. UNDERGROUND PARKING STRUCTURES WITH LANDSCAPING AREA TO BE CAPABLE OF SUPPORTING THE FOLLOWING LOADS:
 - 15 CM OF DRAINAGE GRAVEL PLUS 40 CM TOPSOIL FOR SOD
 - 15 CM OF DRAINAGE GRAVEL PLUS 60 CM TOPSOIL FOR SHRUBS
 - 15 CM OF DRAINAGE GRAVEL PLUS 90 CM FOR TREES
 OR
 - PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 40 CM TOPSOIL FOR SOD
 - PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 60 CM TOPSOIL FOR SHRUBS
 - PREFABRICATED SHEET DRAIN SYSTEM* WITH A COMPRESSIVE STRENGTH OF 1003 KPA PLUS 90 CM TOPSOIL FOR TREES
 * TERRADRAIN 900 OR APPROVED EQUAL
- THE STRUCTURAL DESIGN OF ANY RETAINING WALL OVER 0.6 M IN HEIGHT OR ANY RETAINING WALL LOCATED ON A PROPERTY LINE IS TO BE SHOWN ON THE SITE GRADING PLAN FOR THIS PROJECT AND IS TO BE APPROVED BY THE CONSULTING ENGINEER FOR PROJECT
- CONTINUOUS 15 CM HIGH BARRIER TYPE POURED CONCRETE CURBING WILL BE PROVIDED BETWEEN ALL ASPHALT AND LANDSCAPED AREAS THROUGHOUT THE SITE
- ALL UTILITY COMPANIES WILL BE NOTIFIED FOR LOCATES PRIOR TO THE INSTALLATION OF THE HOARDING THAT LIES WITHIN THE SITE AND WITHIN THE LIMITED OF THE CITY BOULEVARD AREA

SITE SERVICES DISCLAIMER
 BE ADVISED THAT SHOULD ANY PARTY INCLUDING THE APPLICANT OR ANY SUBSEQUENT OWNER, APPLY FOR MORE THAN ONE CONDOMINIUM CORPORATION ENCOMPASSING ANY OR ALL OF THIS DEVELOPMENT OR MAKE AN APPLICATION THAT RESULTS IN A LAND DIVISION, STAFF MAY REQUIRE LEGAL ASSURANCES, INCLUDING BUT NOT LIMITED TO EASEMENTS WITH RESPECT TO THE APPROVED SERVICES, SUCH ASSURANCES WILL BE DETERMINED AT THE TIME OF THE APPLICATION FOR CONDOMINIUM APPROVAL.



2 Community Mailbox Plan
1:50



Project No: 16071
 Scale: As indicated
 Date: 2017/04/05
 Drawn by: R.V.W.
 Drawing Title

Site Plan

Drawing Number

A001