Addendum #3

T25-59 - HVAC Upgrades at Vaughan Willard Public School
Closing Date: Tuesday, January 20, 2026 11:00 AM

The following additions, deletions and/or items of clarification shall be included as an integral part of the Tender documents and scope of work:

Closing Date has been revised as follows:

Revised closing date for Tuesday, January 20, 2026, 11:00 AM Local Time.

Question Closing Date has been revised as follows:

Revised question period closing date for Tuesday, January 13, 2026, 3:00 PM Local Time.

Question 1:

We have requested a one-week extension to the tender closing date and an extension of the question deadline due to the mechanical specifications and the electrical and structural drawings not having been received to date. In addition, several suppliers and subcontractors are unavailable due to the holiday shutdown period from December 24 to January 2. This extension will allow sufficient time to review the scope of work and, if required, request an optional site meeting to brief subcontractors, as the electrical and structural drawings were not available and the overall general trade scope of work was not clearly defined.

Answer 1: Extensions have been provided. Please see changes noted above.

RoMar ENGINEERING
MECHANICAL BUILDING SERVICES

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Whitby, ON L1M0H5

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MECHANICAL ADDENDUM NO. MADD-002

Project: Vaughan Willard P.S. – HVAC Upgrades

Date: January 5, 2026

THIS ADDENDUM SHALL FORM AN INTEGRAL PART OF THE TENDER DOCUMENTS. THE CONTENTS OF THIS ADDENDUM SHALL BE BROUGHT TO THE ATTENTION OF ALL CONCERNED.

1. **Refer to M-102 (Rev. 3) for highlighted changes.**
    a. Condenser unit schedule revised to 575/3/60, 45 amps.

End of Mechanical Addendum MADD-002

HEAT EXCHANGER SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	COLD SIDE					HOT SIDE					WEIGHT	CAPACITY	NUMBER OF PLATES	REMARKS
				FLUID	EFT	LFT	FLOW	PRESS. DROP	FLUID	EWT	LWT	FLOW	PRESS. DROP				
					°F	°F	GPM	PSI		°F	°F	GPM	PSI	LBS	MBH		
HX-2	BELL & GOSSETT	AP19	PLATE & FRAME	35% P.G.	140	160	60	3.6	WATER	170	150	57	3.5	510	561,758	30	PLATE MATERIAL TO BE 304 S/S

BASIS OF DESIGN: XYLEM-BELL GOSSETT. ACCEPTABLE ALTERNATES: ARMSTRONG, ALFA LAVAL

CONDENSER UNIT SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	REFRIGERANT TYPE	REFRIGERANT CHARGE	TOTAL REFRIGERATION EFFECT	ELECTRICAL	FLA	MCA	MOCP	WEIGHT	REMARKS
						LBS	BTU/HR	V/PH/HZ	AMPS	AMPS	AMPS	LBS	
CDU-1	ROOF	AHU-1	DAIKIN	RCS020D	R410A	18.5	263,672	575/3/60		36.1	45	1,895	

COOLING COIL SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	AIRFLOW	EXTERNAL STATIC PRESSURE	FAN MOTOR	MIN. OUTSIDE AIR	COOLING					ELECTRICAL	FLA	MCA	MOCP	REMARKS
									TYPE	TOTAL	SENSIBLE	EAT (DB/WB)	LAT (DB/WB)					
					CFM	IN. WC.	HP	CFM		°F	°F	DEG. F	DEG. F	V/PH/HZ	AMPS	AMPS	AMPS	
AHU-1 (EXISTING)	MECH RM. 169	NORTH CLASSROOMS	ENG. AIR	EXISTING	8,500	EXISTING		4,250	PACKAGED DX HEAT PUMP	263,000	196,000	77.5/65	56.4/54.8	EXISTING				AHU-1 IS AN EXISTING UNIT WITH PROVISION FOR FUTURE DX COOLING COIL WHICH IS TO BE INSTALLED DURING THIS PROJECT SCOPE.

AHU SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	AIRFLOW	EXTERNAL STATIC PRESSURE	FAN MOTOR	MIN. OUTSIDE AIR	HEATING							ELECTRICAL	FLA	MCA	MOCP	WEIGHT	REMARKS
									HOT WATER HEAT CAPACITY	FLUID	FLOW RATE	PRESS. DROP	EAT	LAT	EWT	LWT						
					CFM	IN. WC.	HP	CFM	BTU/HR		GPM	FT. H2O	DEG. F	DEG. F	DEG. F	DEG. F	V/PH/HZ	AMPS	AMPS	AMPS	LBS	
AHU-4	MECH RM. 201	GYM	DAIKIN	CAH008GHDM	4,500	1	3	2,200	224,600	35% P.G.	24.1	5	34	81.7	160	140	575/3/60	3.4			1,300	

RTU SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	DISCHARGE	RETURN	AIRFLOW	EXTERNAL STATIC PRESSURE	SUPPLY FAN MOTOR	VFD	MIN. OUTSIDE AIR	EXTERNAL STATIC PRESSURE	EXHAUST FAN MOTOR	COOLING						HEATING (FROM HEAT PUMP)					REHEAT COIL (IN MECH. RM.)									ELECTRICAL	FLA	MCA	MOCP	WEIGHT	REMARKS
														TYPE	TOTAL	SENSIBLE	EAT (DB/WB)	LAT (DB/WB)	AMBIENT AIR TEMP	TOTAL CAPACITY	REFRIGERANT	EAT	LAT	AMBIENT AIR TEMP	TAG	HOT WATER HEAT CAPACITY	FLUID	FLOW RATE	PRESS. DROP	EAT	LAT	EWT	LWT						
							CFM	IN. WC.	HP		CFM	IN. WC.	HP		BTU/HR	BTU/HR	DEG. F	DEG. F	DEG. F	BTU/HR		DEG. F	DEG. F	DEG. F		BTU/HR		GPM	FT. H2O	DEG. F	DEG. F	DEG. F	DEG. F	V/PH/HZ	AMPS	AMPS	AMPS	LBS	
RTU-3	ROOF	SOUTH CLASSROOMS	DAIKIN	DPSH20B	HORIZONTAL	HORIZONTAL	6,800	1.5	7.5	YES	2,800	0.5	4.3	PACKAGED DX HEAT PUMP	234,141	179,115	81.2/67.7	55.3/55.3	95	233,000	R32	70	100.6	47	RHC-RTU-3	337,450	35% P.G.	34.8	13.4	41	86.4	160	140	575/3/60	47.3	51.4	60	3,870	24" ROOF CURB FOR RTU. HOT WATER REHEAT COIL TO BE LOCATED IN MECH. RM. 201

EXPANSION TANK SCHEDULE

TAG	DUTY	MODEL	TANL VOLUME	ACCEPTANCE VOLUME	FACTORY PRE-CHARGE	MAX. WORKING PRESSURE	DIAMETER	HEIGHT	REMARKS
			US GAL.	US GAL.	PSI	PSI	IN.	IN.	
ET-1	GLYCOL LOOP	D-15	7.8	6.3	12	125	12	19	VERTICAL

BASIS OF DESIGN: BELL AND GOSSET. ACCEPTABLE ALTERNATES: AMTROL, EXPANFLEX , WATTS

PUMP SCHEDULE

TAG	DUTY	OPERATION	MODEL	CAPACITY	HEAD	MOTOR	ELECTRICAL	RPM	REMARKS
				GPM	FT	PSI	V/PH/HZ		
P-5	GLYCOL CIRCULATOR	DUTY/STANDBY	ECM XL	60	30	2	208/1/60		COMPLETE WITH ECM MOTOR
P-6	GLYCOL CIRCULATOR	DUTY/STANDBY	ECM XL	60	30	2	208/1/60		COMPLETE WITH ECM MOTOR

BASIS OF DESIGN: XYLEM – BELL AND GOSSETT. ACCEPTABLE ALTERNATES: ARMSTRONG

REHEAT COIL SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	FLUID	TOTAL CAPACITY	AIRFLOW	FLOW RATE	PRESS. DROP	EAT	LAT	EWT	LWT	REMARKS
						BTU/HR	CFM	GPM	FT.H2O	DEG. F	DEG. F	DEG. F	DEG. F	
RHC-1	RM. 117	RM. 117	DAIKIN	5BS0801B	WATER	22,500	800	2.2	1.7	65	80	180	160	TO FIT EXISTING 24"x28" DUCT – CONTRACTOR TO CONFIRM SIZE ON SITE
RHC-RTU-3	MECH. RM. 201	RTU-3	REFER TO RTU SCHEDULE											

AIR TERMINAL SCHEDULE

TAG	SIZE	MANUFACTURER	TYPE	DESCRIPTION	FINISH	OPTIONS/ ACCESSORIES
A	24" x 24"	EH PRICE	SCD	SQUARE CONE DIFFUSER	B12	T-BAR MOUNTED
B	24" x 12"	EH PRICE	80	EGG CRATE RETURN	B12	CEILING MODULE FOR TBAR MOUNTING

ACCEPTABLE ALTERNATES: NAILOR, TITUS, METAL AIRE

WALLFIN SCHEDULE

TAG	LOCATION	MANUFACTURER	MODEL	ENCLOSURE TYPE	ENCLOSURE HEIGHT	FIN LENGTH	ROWS	HEATING CAPACITY	FLUID	EWT	LWT	REMARKS
					IN	IN	QTY	BTU/HR		DEG. F	DEG. F	
WF	SEE PLANS	SIGMA	SWE-24S	44C075*	24	84	1	800	WATER	180	160	ENCLOSURE TYPE, COLOUR, QUANTITY OF ROWS, ETC. TO MATCH EXISTING ONSITE. CONTYRACTOR TO CONFIRM PRIOR TO PLACING ORDER.

UH SCHEDULE

TAG	LOCATION	MANUFACTURER	MODEL	HEAT CAPACITY	AIRFLOW	EWT	LWT	POWER	AMPS	MOTOR	LWT	REMARKS
				MBH	CFM	F	F	V/PH/HZ		HP	DEG. F	
UH	RM. 201	SIGMA	015H	12.5	400	180	160	120/1/60	0.68	1/20	160	ENCLOSURE TYPE, COLOUR, QUANTITY OF ROWS, ETC. TO MATCH EXISTING ONSITE. CONTYRACTOR TO CONFIRM PRIOR TO PLACING ORDER.

RoMar ENGINEERING
MECHANICAL BUILDING SERVICES

No.	DESCRIPTION	BY	DATE
03	ISSUED FOR MECH ADD-002	ME	01/05/26
02	ISSUED FOR MECH ADD-001	ME	12/23/25
01	ISSUED FOR TENDER	ME	12/17/25

REVISIONS / STATUS

PROJECT:

VAUGHAN WILLARD P.S. - AHU REPLACEMENT

Project No: 25-14

Scale:	AS NOTED
Drawn by:	GPC
Checked by:	ME
Address:	1911 Dixie Rd N, Pickering, ON L1V 1V4

TITLE:

SCHEDULES

DDSB Ignite Learning

DRAWING No:

M-102

engineeringlink
building envelope & structure

375 University Ave., Suite 901
Toronto, ON M5G 2J5
b: 416-599-LINK (5465)
www.engineeringlink.ca

STRUCTURAL ADDENDUM-No: SA-01

26-2502

To: RoMar Engineering
Attn: Margaret Edwards

Date January 5, 2026

Re: 1911 Dixie Rd. N., Pickering
Mechanical Renovation

The following items are changes to project Contract Structural Documents. General Contractors shall include the items described in their tender bid including all labour, material, equipment and services required to complete the work described.

Specifications

Drawings Issued

Dwg No.	Drawing Title	Revision	Date
S-201	Key Plan, Part Low Roof and High Roof Framing Plans	2	01/05/2026

Description of Revisions

1.0 S-201 – Key Plan, Part Low Roof and High Roof Framing Plans

1.1 Update drawing title to reflect plans noted on contract documents.

1.2 *B/S-201 – Low Roof Framing Plan* – Revise documents to update locations of new and existing mechanical openings, as shown bubbled.

1.3 *C/S-201 – High Roof Framing Plan* – Revise documents to update locations of new and existing mechanical openings and lintel locations, as shown bubbled.

Engineering Link Incorporated

LICENSED PROFESSIONAL ENGINEER
M. G. C. HAYMAN
100200502
PROVINCE OF ONTARIO

Per: Mark Hayman, M.A.Sc., P.Eng.
Senior Engineer
b: 416 599 5465 x126
c: 289-456-3938
e: mark.h@englink.ca

To: Margaret Edwards medwards@romarengineering.com

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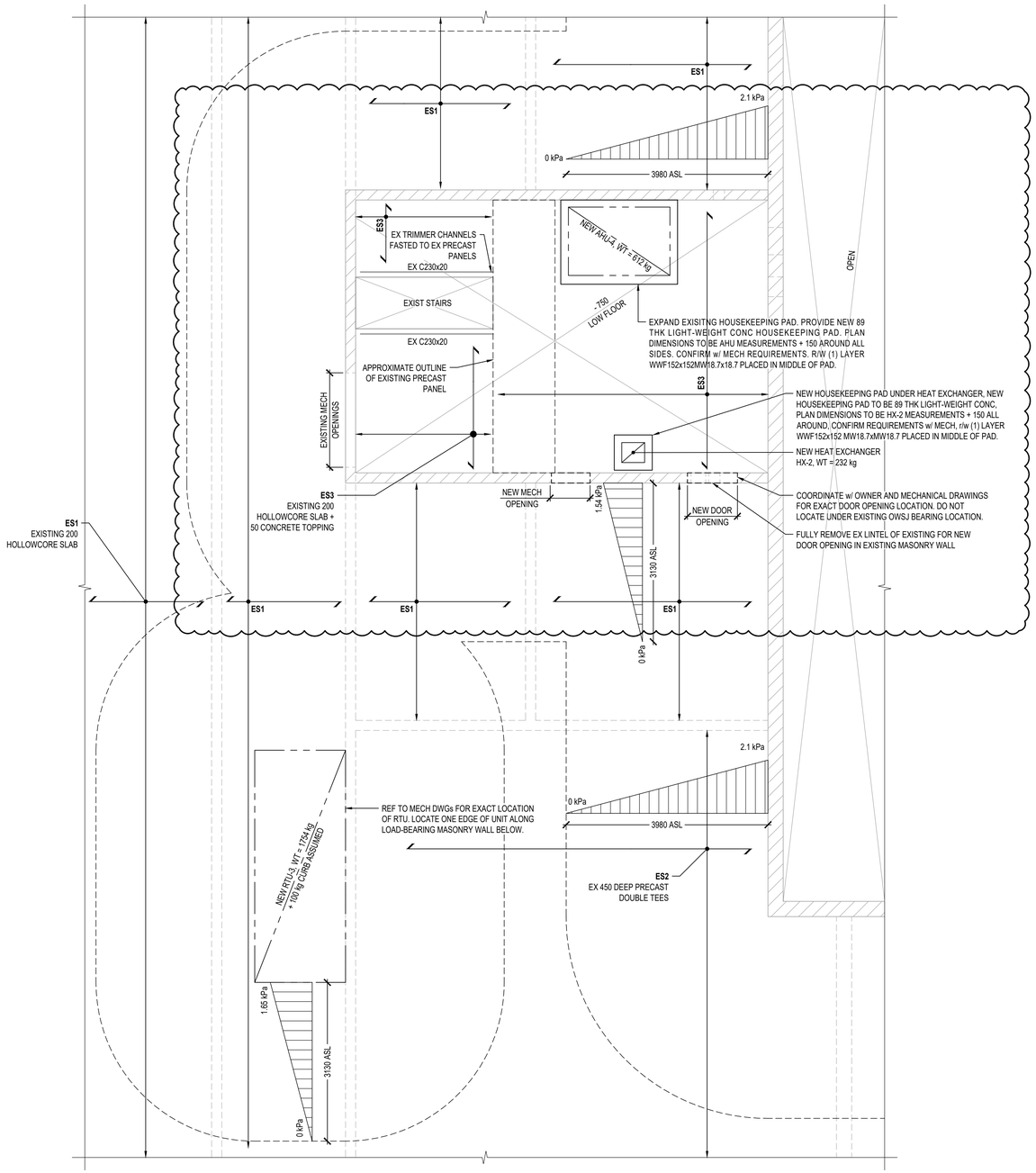


B S-201 — SECOND FLOOR AND LOW ROOF FRAMING PART PLAN
1 : 50

SECOND FLOOR AND LOW ROOF FRAMING NOTES

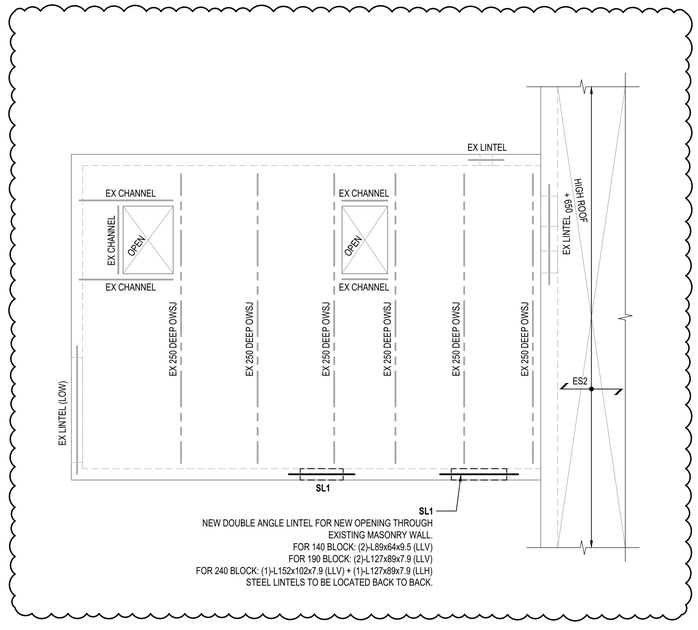
1. TOP OF EXISTING HOLLOW-CORE SLABS IS AT ELEVATION + 3600 ABOVE EXISTING SLAB ON GRADE UNLESS CROSSED AND NOTED, CONTRACTOR TO SITE VERIFY. ELEVATIONS NOTED ARE REFERENCED FROM TOP OF EXISTING HOLLOW-CORE SLAB ELEVATION + 3600.
2. SECOND FLOOR (INTERIOR) DESIGN LOADS ARE:

SUPER-IMPOSED DEAD LOAD	1.4 kPa	
LIVE LOAD	3.6 kPa	INTERIOR

3. ROOF (EXTERIOR) DESIGN LOADS ARE:

SUPER-IMPOSED DEAD LOAD	1.0 kPa	
SNOW LOAD	1.2 kPa + ASL	
MULTIPLIED BY HIGH IMPORTANCE		
IULS = 1.15, ISLS = 0.9		

4. REFER TO MECHANICAL DRAWINGS FOR ELEVATION OF ALL NEW LINTELS.
5. PROVIDE CLEAN SAW CUT AND CORING LINES AT ALL NEW MECHANICAL OPENINGS. MAKE GOOD ALL DAMAGED BLOCK / BRICK ADJACENT TO OPENINGS. UNLESS NOTED OTHERWISE ON PLAN PROVIDE STEEL LINTELS ABOVE ALL SUCH OPENINGS IN ACCORDANCE WITH TYPICAL DETAIL **TD-S01**. REFER TO MECHANICAL FOR NUMBER OF OPENINGS AND LOCATIONS.
6. REMOVE EXISTING CEILING FINISHES, MECHANICAL SERVICES, AND THE LIKE TO COMPLETE THE STRUCTURAL WORK. PATCH AND MAKE GOOD.
7. CONNECT NEW RTU TO ITS ROOF CURB AND THE ROOF CURB TO THE STRUCTURE PER MANUFACTURER'S REQUIREMENTS.
8. WE HAVE REVIEWED THE LOADS IMPOSED BY THE PROPOSED RTU ON THE EXISTING STRUCTURE AND IN OUR OPINION THE STRUCTURE CAN SAFELY SUPPORT THE LOAD WITHOUT REINFORCING.



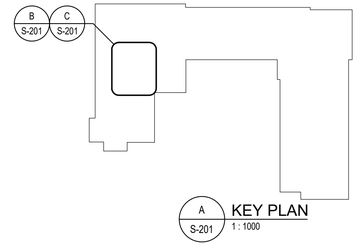
C S-201 — HIGH ROOF ROOF FRAMING PART PLAN
1 : 50

HIGH ROOF ROOF FRAMING NOTES

1. TOP OF EXISTING HOLLOW-CORE SLABS IS AT ELEVATION + 5400 ABOVE EXISTING SLAB ON GRADE UNLESS CROSSED AND NOTED, CONTRACTOR TO SITE VERIFY. ELEVATIONS NOTED ARE REFERENCED FROM TOP OF EXISTING HOLLOW-CORE SLAB ELEVATION + 5400.
2. ROOF (EXTERIOR) DESIGN LOADS ARE:

SUPER-IMPOSED DEAD LOAD	1.0 kPa
SNOW LOAD	1.2 kPa + ASL
MULTIPLIED BY HIGH IMPORTANCE	
IULS = 1.15, ISLS = 0.9	

3. REFER TO MECHANICAL DRAWINGS FOR ELEVATION OF ALL NEW LINTELS.
4. CONTRACTOR TO RETAIN A PROFESSIONAL ENGINEER, LICENSED IN THE PROVINCE OF ONTARIO, TO PREPARE ENGINEERED DRAWINGS FOR ALL TEMPORARY SHORING AS INDICATED ON PLAN. THE ENGINEER MUST HAVE A MINIMUM OF 5-YEARS EXPERIENCE IN THE DESIGN OF TEMPORARY SHORING SYSTEMS AND WILL BE RESPONSIBLE FOR REVIEWING THE SHORING INSTALLATION TO ENSURE IT MEETS THEIR DESIGN REQUIREMENTS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING NEW WORK WITH TEMPORARY SHORING REQUIREMENTS.
6. PROVIDE CLEAN SAW CUT AND CORING LINES AT ALL NEW MECHANICAL OPENINGS. MAKE GOOD ALL DAMAGED BLOCK/ BRICK ADJACENT TO OPENINGS. UNLESS NOTED OTHERWISE ON PLAN PROVIDE STEEL LINTELS ABOVE ALL SUCH OPENINGS IN ACCORDANCE WITH TYPICAL DETAIL **TD-S01**. REFER TO MECHANICAL FOR NUMBER OF OPENINGS AND LOCATIONS.
7. REMOVE EXISTING CEILING FINISHES, MECHANICAL SERVICES, AND THE LIKE TO COMPLETE THE STRUCTURAL WORK. PATCH AND MAKE GOOD.



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Project No. 26-2502

Professional Seal

LICENSED PROFESSIONAL ENGINEER
M.G.C. HAYMAN
100200502
JAN 5, 2026
PROVINCE OF ONTARIO

No.	DESCRIPTION	BY	DATE
02	ISSUED FOR ADDENDUM SA-01	MH	01/05/2025
01	ISSUED FOR TENDER	MH	12/22/2025

REVISIONS / STATUS

PROJECT:

VAUGHAN WILLARD P.S.
- AHU REPLACEMENT

Project No: 25-14

Scale:	AS NOTED
Drawn by:	AQV
Checked by:	MH / STB
Address:	1911 Dixie Rd N, Pickering, ON L1V 1V4

TITLE:

KEY PLAN, PART LOW AND HIGH ROOF FRAMING PLANS

DDSB Ignite Learning

DRAWING No:

S-201