

File Location: K:\28000\28389-000.0 slc - cafeteria renovations\3-jlr- dwg\5-Mech\28389 MECH SPEC.dwg

32. KITCHEN HOOD

- .1 PROVIDE CAPTIVEAIRE MODEL 4824 ND-2. REFER TO SCHEDULES AND APPENDIX A FOR HOOD REQUIREMENTS. ACCESSORIES: CAPTRATE SOLO FILTER, FIELD WRAPPER, BACKSPLASH AND END PANELS.



AS REVISED BY
ADDENDUM No: 3
LINE ITEM No: 3.4.1

33. GRILLES AND DIFFUSERS

- .1 PROVIDE GRILLES AND DIFFUSERS COMPLETE WITH ACCESSORIES, AS INDICATED ON DRAWINGS. POSITIONS INDICATED ARE APPROXIMATE ONLY. MECHANICAL CONTRACTOR TO VERIFY LOCATION OF ALL OUTLETS AND MAKE SUCH ADJUSTMENTS AS NECESSARY TO CONFORM WITH ARCHITECTURAL FEATURES.
- .2 TYPE 'A': LOUVERED FACE GRILLE, ALUMINUM, 3/4" BLADE SPACING, 45° FIXED DEFLECTION, SIZES AS INDICATED. COMPLETE WITH EXTRUDED ALUMINUM BLADES AND BORDER, AND EXPOSED DUCT CONNECTION FLANGE. FINISH SHALL BE BAKED-ON POWDER COAT, PROVIDE STANDARD COLOUR OPTIONS IN SUBMITTAL FOR SELECTION BY CONSULTANT. ACCEPTABLE MANUFACTURERS: E.H. PRICE, NAILOR, TITUS.

34. FANS

- .1 ROOF EXHAUSTER (EF-10): DIRECT DRIVE, CURB MOUNTED, BACKWARD INCLINED CENTRIFUGAL FAN MEETING SCHEDULED PERFORMANCE CRITERIA. CONSTRUCTION: HEAVY GAUGE ALUMINUM HOUSING WITH RIGID INTERNAL SUPPORT STRUCTURE, ALUMINUM IMPELLER. HEAVY DUTY PILLOW BLOCK BEARINGS WITH MINIMUM 200,000 HOUR LIFE, PRECISION GROUND AND POLISHED SHAFT, FIELD CONSTRUCTED ROOF CURB AND WEATHERPROOF, FACTORY INSTALLED DISCONNECT.
- .2 ACCESSORIES: 1/2 in GALVANIZED STEEL MESH BIRD SCREEN. WEIGHTED BACKDRAFT DAMPER, ADJUST DAMPER TO CLOSE WHEN FAN IS NOT RUNNING. SPEED CONTROLLER FOR INITIAL FAN BALANCING.
- .3 SPECIFIED PRODUCT: TWIN CITY DCRU. APPROVED ALTERNATE: GREENHECK.



AS REVISED BY
ADDENDUM No: 3
LINE ITEM No: 3.4.2

- .4 KITCHEN EXHAUST FAN (EF-9): REFER TO SCHEDULES AND APPENDIX A FOR FAN REQUIREMENTS. FAN TO BE CAPTIVEAIRE MODEL DU50HFA. ACCESSORIES: GREASE BOX, 3-YEAR EXTENDED MOTOR WARRANTY, GREASE CUP, VENTED HINGED ROOF CURB AND ELECTRICAL PACKAGE SC-11011028.

PROJECT:				ST. LAWRENCE COLLEGE CAFETERIA RENOVATION 100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO			
DRAWING:				MODIFICATIONS TO MECHANICAL SPECIFICATIONS			
	This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.			DESIGN: KB	ADDENDUM 3		
				DRAWN: KB			
				CHECKED: PE	DRAWING #: SKM0-1		
				JLR #: 28389			

PLOT DATE: April 29, 2019 4:38:06 PM

FAN SCHEDULE

I.D.	DESCRIPTION	LOCATION	MANUF./MODEL	TYPE	OPERATING POINT 'A'			SOUND POWER @ UNIT INLET	DRIVE	MOTOR				COMMENTS
					AIR FLOW	S.P.	FAN RPM	LwA		KW	VOLT	PH	RPM	
					L/s	Pa								
EF-9	PTA PIT COOKING EXHAUST FAN	ROOF MOUNTED	CAPTIVEAIRE DU50HFA	RESTAURANT MODEL, CENTRIFUGAL ROOF EXHAUSTER, UPBLAST	378 (800 CFM)	261 (1.05" wc)	1434		DIRECT DRIVE WITH VARIABLE SPEED CONTROL	0.37 (1/2 HP)	120	1		REFER TO APPENDIX A FOR EXHAUST SYSTEM SUBMITTAL
EF-10	PAPA JOHNS GENERAL EXHAUST FAN	ROOF MOUNTED	TWIN CITY	CENTRIFUGAL ROOF EXHAUSTER, UPBLAST	198 (420 CFM)	117 (0.47" wc)	994	53	DIRECT DRIVE WITH SPEED CONTROLLER	0.37 (1/2 HP)	120	1	1750	COMPLETE WITH BACKDRAFT DAMPER. PROVIDE TRANSITION FROM EXISTING CURB TO SUIT NEW FAN

AS REVISED BY
ADDENDUM No: 3
LINE ITEM No: 3.4.3

PITA PIT EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	SUPPLIED BY	INSTALLED BY	WIRED BY	COMMENTS
1	PITA STATION	TRUE FOOD SERVICE EQUIPMENT INC.	TSSU-72-30M-B-ST	EXISTING	G		TO BE REMOVED AND RE-INSTALLED IN NEW VENDOR LOCATION
2	EXHAUST SYSTEM	HOOD: CAPTIVEAIRE	4824 ND-2	M	M	E	COMPLETE WITH CAPTRATE SOLO FILTER AND HOOD OPTIONS AS OUTLINED IN APPENDIX A
		EXHAUST FAN: CAPTIVEAIRE	DU50HFA	M	M	E	COMPLETE WITH GREASE BOX, GREASE CUP AND VENTED CURB AS OUTLINED IN APPENDIX A. PROVIDE ELECTRICAL PACKAGE SC-11011028 FOR INSTALLATION BY ELECTRICAL CONTRACTOR.
3	CHEF BASE	TRUE FOOD SERVICE EQUIPMENT INC.	TCRB-52	OWNER	G		
4	GAS GRIDDLE	STAR-MAX	636-TF	OWNER	G		NATURAL GAS CONNECTION BY MECHANICAL

AS REVISED BY
ADDENDUM No: 3
LINE ITEM No: 3.4.4

PROJECT: ST. LAWRENCE COLLEGE CAFETERIA RENOVATION
100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO

DRAWING: MODIFICATIONS TO SCHEDULES

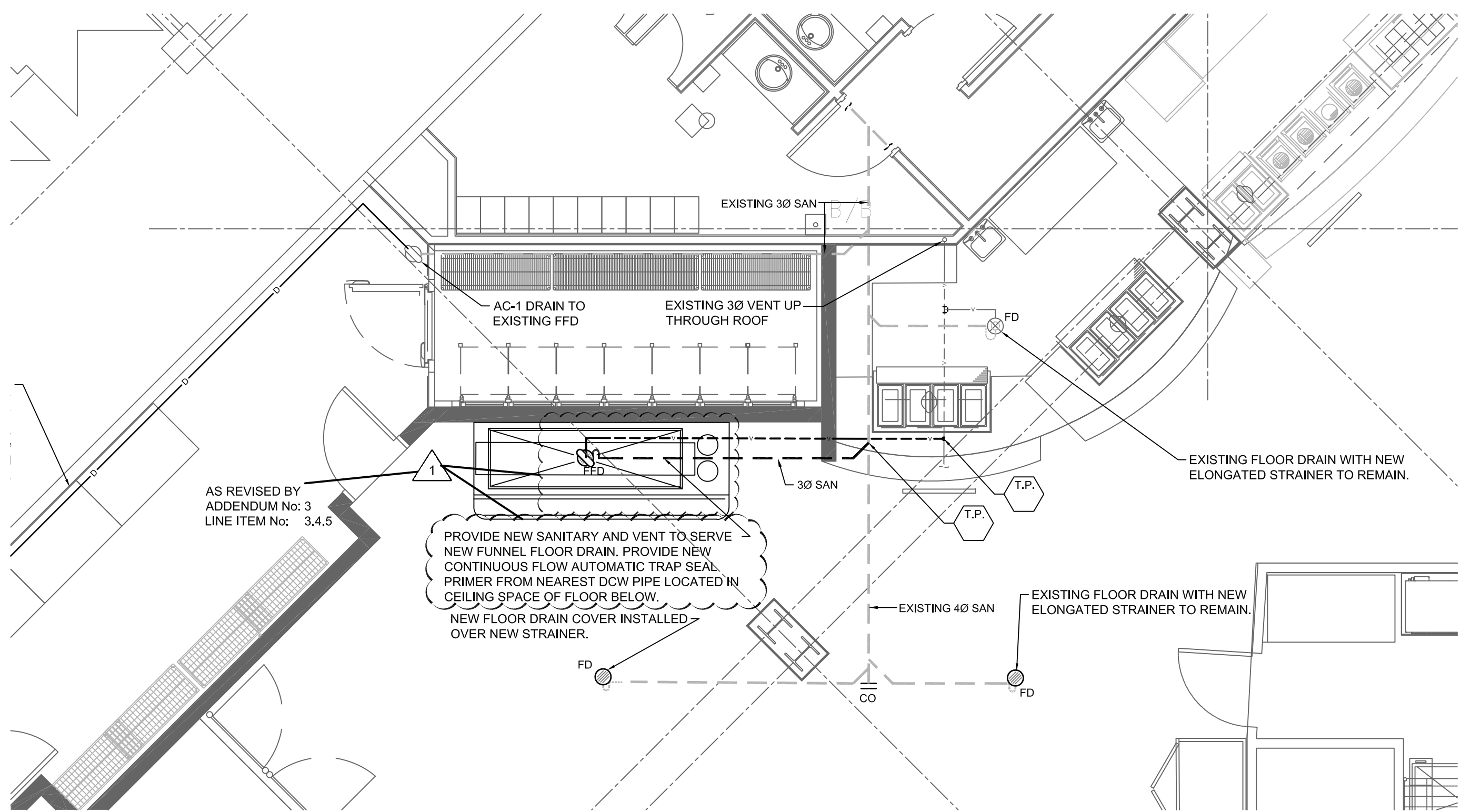


This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.

DESIGN: KB
DRAWN: KB
CHECKED: PE
JLR #: 28389

ADDENDUM 3
DRAWING #: SKM1-1

File Location: K:\28000\28389-000.0 slc - cafeteria renovations\3-jlr-dwg\5-Mech\3 NEW PLUMBING PLAN.dwg



PROJECT: **ST. LAWRENCE COLLEGE CAFETERIA RENOVATION**
 100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO

DRAWING: **MODIFICATIONS TO RELOCATED SALAD BAR DRAIN**



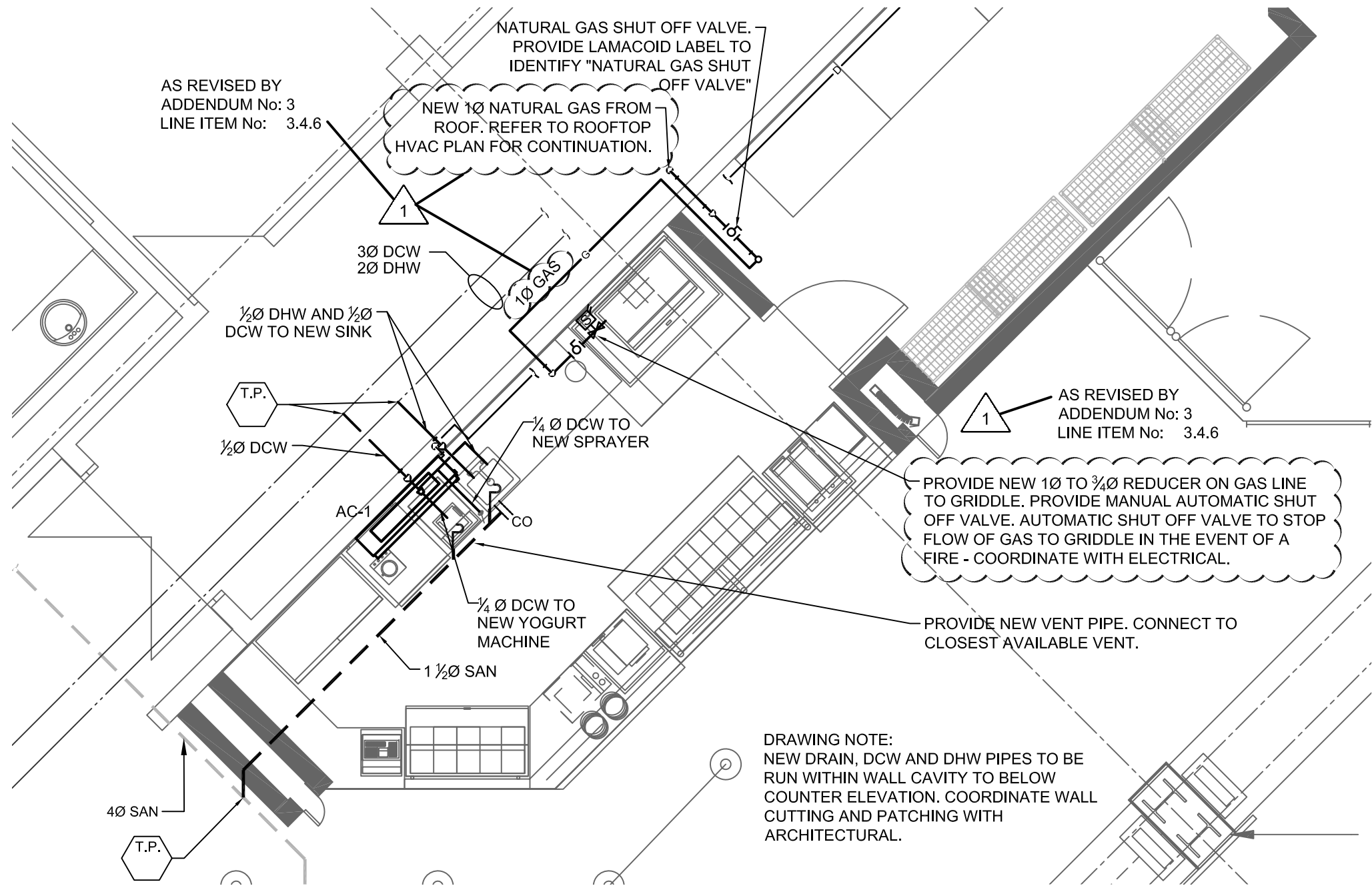
This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.

DESIGN: KB
 DRAWN: KB
 CHECKED: PE
 JLR #: 28389


ADDENDUM 3
 DRAWING #:
SKM3-1

PLOT DATE: April 29, 2019 4:04:58 PM

File Location: K:\28000\28389-000.0 slc - cafeteria renovations\3-jlr.dwg\5-Mech\3 NEW PLUMBING PLAN.dwg

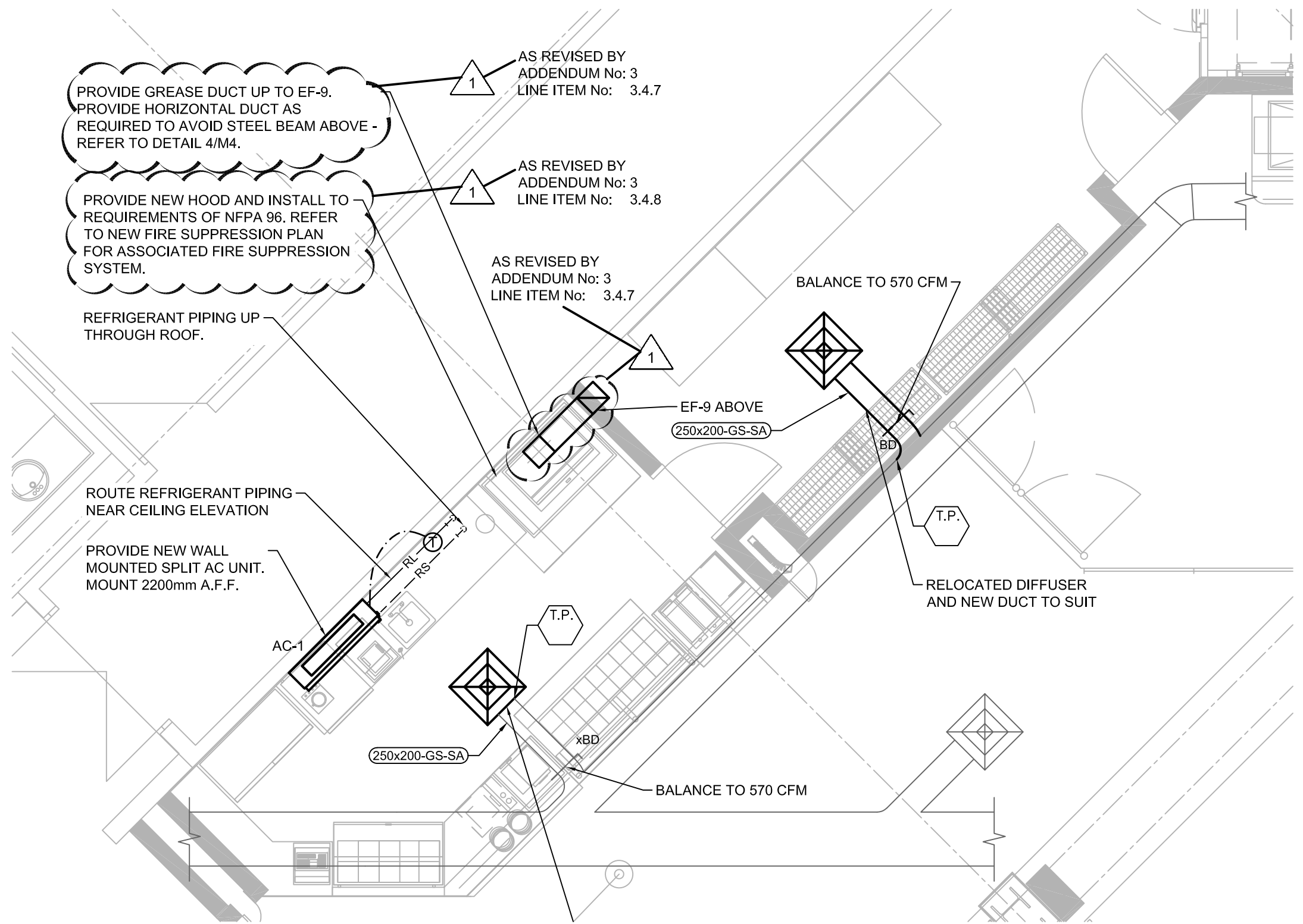



DRAWING NOTE:
NEW DRAIN, DCW AND DHW PIPES TO BE RUN WITHIN WALL CAVITY TO BELOW COUNTER ELEVATION. COORDINATE WALL CUTTING AND PATCHING WITH ARCHITECTURAL.

PROJECT:	ST. LAWRENCE COLLEGE CAFETERIA RENOVATION 100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO		
DRAWING:	MODIFICATIONS TO NATURAL GAS PIPE		
 <p>J.L. Richards ENGINEERS · ARCHITECTS · PLANNERS www.jlrichards.ca</p>	DESIGN: KB	ADDENDUM 3	
	DRAWN: KB	DRAWING #:	
	CHECKED: PE	SKM3-2	
	JLR #: 28389		

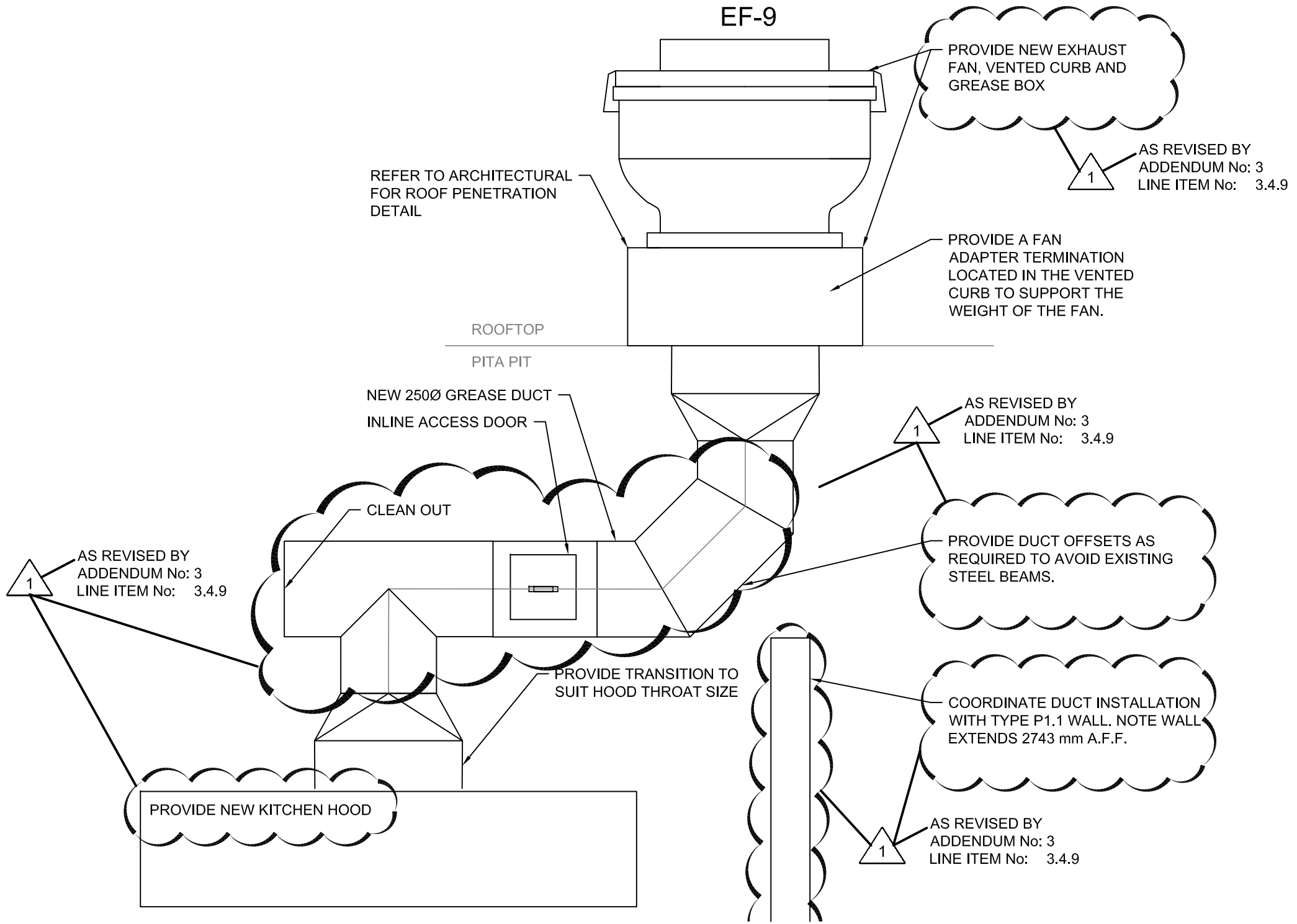
PLOT DATE: April 29, 2019 4:07:34 PM


File Location: K:\28000\28389-000.0 SLC - Cafeteria Renovations\3-JLR DWG\5-Mech\NEW HVAC PLAN.dwg



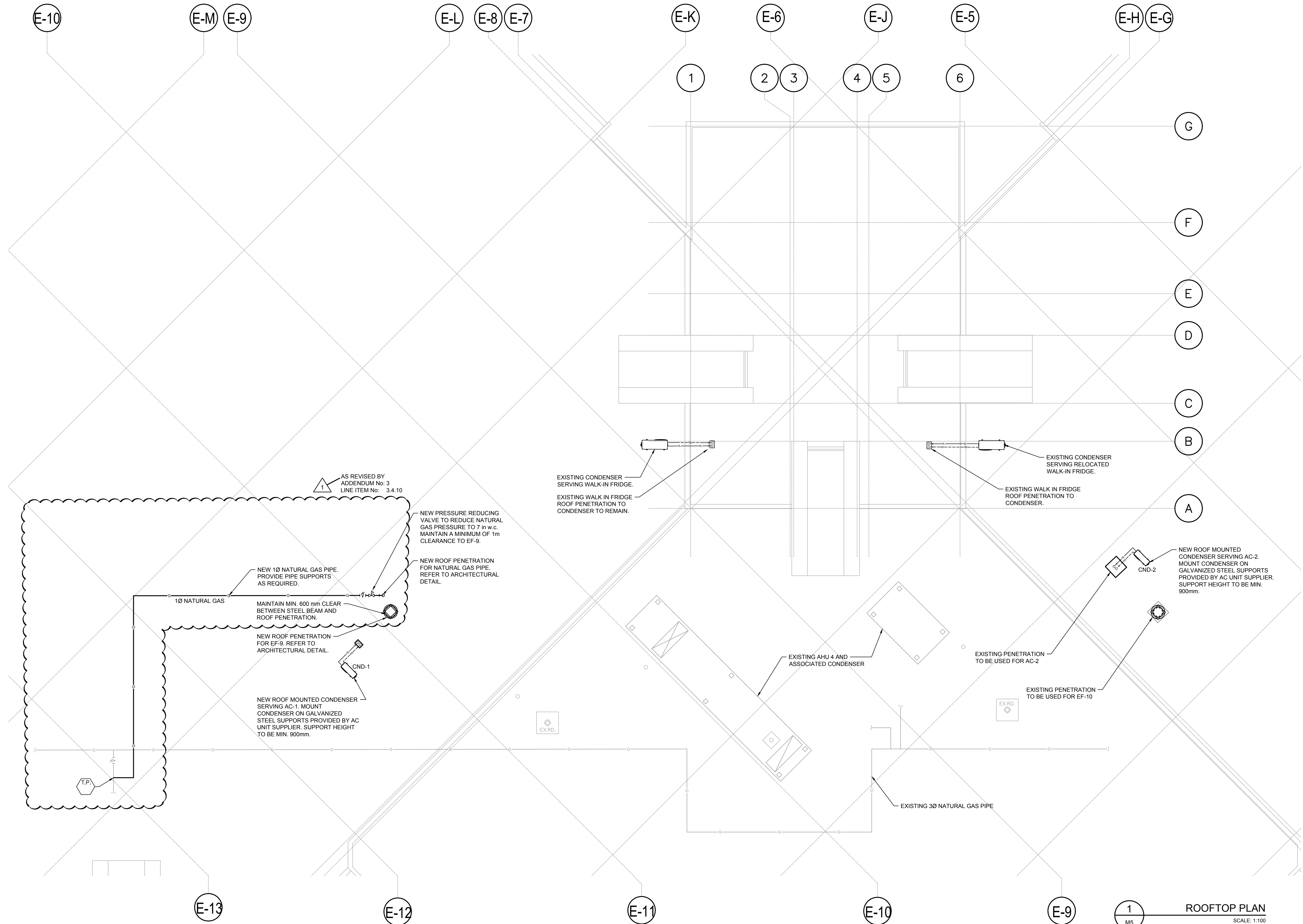
PROJECT:		ST. LAWRENCE COLLEGE CAFETERIA RENOVATION 100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO	
DRAWING:		MODIFICATIONS TO HVAC PLAN 1/M4	
	DESIGN: KB	This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.	ADDENDUM 3
	DRAWN: KB		DRAWING #:
	CHECKED: PE		SKM4-1
	JLR #: 28389		

PLOT DATE: April 30, 2019 10:21:00 AM

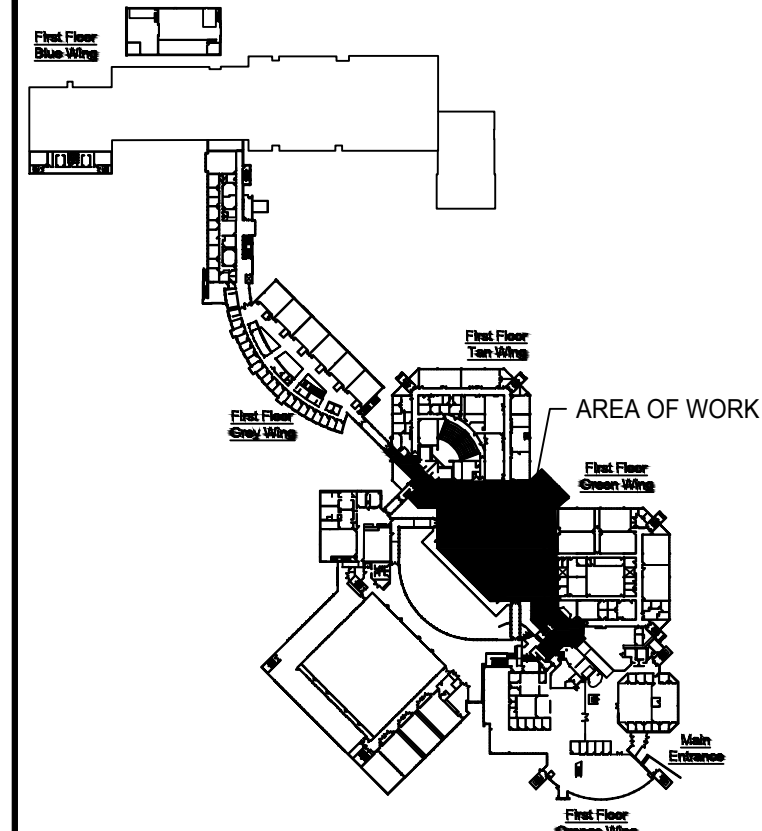


PROJECT:		ST. LAWRENCE COLLEGE CAFETERIA RENOVATION 100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO	
DRAWING:		MODIFICATIONS TO HVAC PLAN 4/M4	
 <p>J.L. Richards ENGINEERS · ARCHITECTS · PLANNERS</p>	<p>This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.</p>	DESIGN: KB	ADDENDUM 3
		DRAWN: KB	
		CHECKED: PE	
		JLR #: 28389	

File Location: K:\28389-000\0 SLC - Cafeteria Renovations\3-JLR DWG\Mech\NEW HVAC PLAN.dwg



1 M5 ROOFTOP PLAN
SCALE: 1:100
0 1 2 4 6 8m



No.	ISSUE / REVISION	DDMMYY
4	ADDENDUM 3	29/04/2019
3	ISSUED FOR TENDER	17/04/2019
2	ISSUED FOR CLIENT REVIEW	16/04/2019
1	ISSUED FOR CLIENT REVIEW	12/04/2019

This drawing is copyright protected and may not be reproduced or used for purposes other than execution of the described work without the express written consent of J.L. Richards & Associates Limited.
VERIFY SHEET SIZE AND SCALES. BAR TO THE RIGHT IS 25mm IF THIS IS A FULL SIZE DRAWING.
SCALE: AS INDICATED

CLIENT:
St. Lawrence College

CONSULTANT:
JLR J.L. Richards
ENGINEERS - ARCHITECTS - PLANNERS

CONSULTANT:

PROFESSIONAL STAMP
PROJECT NORTH

PROJECT:
ST. LAWRENCE COLLEGE CAFETERIA RENOVATION
100 PORTSMOUTH AVENUE, KINGSTON, ONTARIO

DRAWING:
ROOFTOP HVAC PLAN

DESIGN: KB
DRAWN: KB/BP
CHECKED: PE
JLR #: 28389

DRAWING #:
M5

PLOT DATE: April 30, 2019 10:19:40 AM