

KITCHEN COOLER/FREEZER EQUIP.																																											
CONDENSING UNIT ITEM #	SYSTEM	FIXTURES					CONDENSING UNIT										EVAPORATOR COILS												REFRIGERANT LINE						TOTAL SYSTEM LOAD	MCA	MOPD						
		TEMP °F		REQ'D FIXTURE BTU/H	REFRIG. R-	COMPRESSOR							FAN MOTORS						HEATERS						SIZES (IN)			LINE RUN (FT)															
		ITEM #	DESCRIPTION			FMT.	SUCT.	H.P.	RATING				BTU CAP @ AMB °F	90 TYPE	REC. CAP. (lbs)	ITEM #	MODEL NO.	QTY	@ 60 HZ			@ 60 HZ			DEFR. TYPE	DEFROST CONTROLLER TYPE	CONTROLLER QTY	ACCESSORIES			SUCT.	LIQUID	LINE RUN (FT)	TYPE									
									RLA	V	PH	90							RLA	V	PH	90	RLA	V				PH	90	TS/AT								SOL. VALVE	EXP. VLV.	1-1/8	1/2	100	M
									MODEL NO.	RLA	V	PH							90	RLA	V	PH	90	RLA				V	PH	90								TS/AT	SOL. VALVE	EXP. VLV.	1-1/8	1/2	100
CU-1	A	-	WALK-IN COOLER	35	25	9762	448A	PCM0092CT3A	0.9	5.2	208	3	10200	Z	8.0	EV-1	BEL0095	1	1.8	115	1	-	-	-	O.E.C.	ECOSMART	1	F	F	EF	5/8	3/8	100	M	5.2	15.0	15						
CU-2	B	-	WALK-IN FREEZER	-10	-20	10964	448A	PCL035ZCT3A	3.5	11.9	208	3	11600	Z	15.0	EV-2	BEL0130	1	1.5	208	1	13.7	208	1	ELEC	ECOSMART	1	F	F	EF	1-1/8	1/2	100	M	11.9	20.0	25						
ALL EVAPORATOR COILS WILL REQUIRE A HOUSE POWER SUPPLY																																											
NOTE: IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE CODES AND CURRENT REFRIGERATION INDUSTRY STANDARDS AND PRACTICES WHEN DETERMINING LINE SIZES, AND INSTALLING AND STARTING UP RDT EQUIPMENT.																	COMPRESSOR TYPE Z SCROLL H HERMETIC S SEMI-HERMETIC D DISCUS			DEFROST TYPE O.C. OFF CYCLE ELEC ELECTRIC			LINE TYPE M MAIN B BRANCH T TRUNK			EVAPORATOR ACCESSORIES EF EEV FACTORY EQUIPPED ON EVAP TF TXV FACTORY EQUIPPED ON EVAP F FACTORY EQUIPPED ON EVAP O PROVIDED BY OTHERS L LOOSE (FIELD INSTALLATION)																	

VARIABLE AIR VOLUME (VAV) BOX SCHEDULE																		
UNIT TAG	MAKE/MODEL	SERVED BY:	SERVES	UNIT SIZE	INLET SIZE	UNIT L X W X H	PRIMARY AIR		HOT WATER COIL						SUPPLY AIR FAN			
							MAX (CFM)	MIN (CFM)	EWI/LWT	EAT/LAT	MBH	GPM	P.D.	ROWS	CFM	E.S.P.		
VAV 1-1	PRICE/FDC	(E)ERU-1	CLASSROOM #1	30	10ø	110 X 26 X 18.5	1200	360	140/120	55.0/92.8	33.80	3.72	.25	2	1200	.2"		
VAV 1-2A	PRICE/FDC	(E)ERU-1	CLASSROOM #2A	10	6ø	105 X 20 X 15.25	520	156	140/120	55.0/90.6	13.40	1.48	.19	2	520	.2"		
VAV 1-2B	PRICE/FDC	(E)ERU-1	CLASSROOM #2B	10	6ø	105 X 20 X 15.25	520	156	140/120	55.0/90.6	13.40	1.48	.19	2	520	.2"		
VAV 1-3	PRICE/FDC	(E)ERU-1	CORRIDOR C5, (E) CORR., & (E) OFFICE	10	8ø	85.5 X 20 X 15.25	715	214	140/120	55.0/87.2	15.80	1.74	.32	2	715	.2"		
VAV 1-4	PRICE/FDC	(E)ERU-1	CLASSROOM #3	40	10ø	110 X 26 X 18.5	1380	414	140/120	66.9/91.5	36.80	4.06	.32	2	1380	.2"		
NOTES																		
1. PROVIDE UNITS WITH NON-FUSED DISCONNECT SWITCH.																		
2. PROVIDE 120-24 VAC. TRANSFORMER.																		
3. PROVIDE DISCHARGE AIR TEMP SENSOR DOWNSTREAM OF HOT WATER COIL FOR ALL UNITS.																		

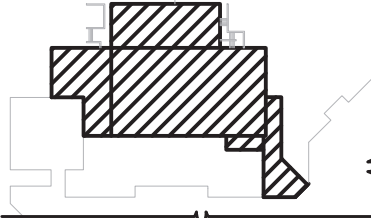
(UN-HEATED) AIR CURTAIN SCHEDULE														
TAG	QUANTITY	SERVICE	TYPE	MFG	MODEL	AIR FLOW (CFM)	MAX. VEL. (FPM)	AVG. VEL. (FPM)	POWER RATING (kW)	HP	AMPS PER CIRCUIT	BREAKER RATING	VOLTAGE	NET WT. (lbs.)
UAC-1	1	KITCHEN	CLG. MTD.	BERNER	SLC07-1072A	2,031	2,913	1,725	0.32	1/5	3.4	15	120/1/60	56
NOTES: 1. FURNISH FACTORY DISCONNECT SWITCHES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.														

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EXHAUST FAN SCHEDULE												
TAG	QUANTITY	SERVICE	TYPE	MFG	MODEL	AIR FLOW (CFM)	STATIC PRESS. (IN. H ₂ O)	RPM	WATTS	HP	MAX. AMPS	VOLTAGE
KX-1	1	KITCHEN EXH. HOOD	ROOF MTD.	CAPTIVEAIRE	DU180HFA	3000	1.63	1308	-	3.0	-	208/3/60
EF-1	1	ELEVATOR (ALT.#2)	ROOF MTD.	LOREN COOK	90C17DL (VF)	250	0.2	1172	14	.05	-	115/1/60
NOTES: 1. FURNISH FACTORY DISCONNECT SWITCHES TO BE INSTALLED BY ELECTRICAL CONTRACTOR. 2. FURNISH FACTORY SPEED CONTROLLER FOR FANS. BALANCE CONTRACTOR SHALL USE CONTROLLER TO SET SPEED TO MATCH AIRFLOW SPECIFIED ON PLANS. 3. PROVIDE BACK-DRAFT DAMPER ACCESSORY. 4. FURNISH WITH FACTORY PROVIDED 24" TALL ROOF MOUNTING CURB. 6. KITCHEN EXHAUST FAN SHALL BE PROVIDED WITH CONTAINMENT CURB WITH GREASE CUP BY MANUFACTURER.												

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KEY PLAN
SCALE: 1/8" = 1'-0"

408 KENNELWOOD ROAD ELLENBURGH NEW YORK 10918
TEL: 814.898.4444 FAX: 814.898.1179
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FULLER
&
D'ANGELO
P.C.
ARCHITECTS
PLANNERS

LFG
LANDMARK
FACILITIES
GROUP, INC.
252 East Avenue
Newburgh, NY 10998
(203) 866-4628 FAX
(203) 866-4019 Fax

LICENSE EXP. DATE: 03-31-2026

S.E.D. CONTROL NUMBER:
48-06-01-06-0-001-026

PROJECT: CV Starr Intermediate School Cafetorium Renovation & Related Work
20 Farm to Market Road Brewster, NY 10999
DRAWING TITLE: MECHANICAL SCHEDULES

12-09-2024	RID
09-25-2024	ADDENDUM 1
03-05-2024	SED SUBMISSION
11-29-2023	D.D. SUBMISSION
08-31-2023	S.D. SUBMISSION
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. CVS M301
SCALE AS NOTED	FILE NO. 23505.02
DRAWN BY LFG	