

JEWISH COMMUNITY **ALLIANCE**

PORTLA	AND, ME
Harriman Project No.	15309
Key Plan	Proj North

OF SOUTHERN MAINE

Key Plan	1	Proj North

Issues and Revisions Mark Date Description 03-25-16 CONSTRUCTION DOCUMENTS

O MANAGEMENT	AL MININE
Drawing Scales NO SCALE	
Marin Mari	Auto Auto
Augustus (Name Ann
PA / PE: CG	© 2016

DETAILS

Drawn By: MDHS

Harriman Associates

M30.5

HOODEXHAUST PLENUM LENGTH COOKING TOTAL

12" 1100 -0.586" Where Exposed 10" 800 -0.534" 5' 0.00" 450 Deg. 800 Where Exposed

HOOD

INFORMATION

				FILTER(S)			LIGHT(S)				UTILITY CAB	INET(S)		FIRE	HOOD
HOOD	TAG								WIRE			FIRE SYSTEM	ELECTRICAL	SWITCHES		1 HANGING
NO.	17.0	TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	GUARD	LOCATION	TYPE	SIZE	MODEL#	QUANTITY		WGHT
1	H-1	Captrate Solo Filter	5	16"	16"	93% See Filter Spec.	2	Screw In Compact	NO	Тор	Ansul R102	3.0	SC-210110FP	1 Light	YES	362 LBS
														1 Fan		
2	H-2	Captrate Solo Filter	3	16"	16"	93% See Filter Spec.	2	Screw In Compact	NO	Тор	Ansul R102	3.0	SC-210110FP	1 Light 1 Fan	YES	296 LBS

HOOD

DOD NO). TAG	OPTION
		FIELD WRAPPER 29.00" High Left, Right
		FIELD WRAPPER FOR TOP UTILITY CABINET 29.00" High Front
		LEFT END STANDOFF(FIN/SLP) 1" Wide 33" Long Insulated
		RIGHT END STANDOFF(FIN/SLP) 1" Wide 33" Long Insulated
1	H-1	RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		INSULATION FOR TOP OF HOOD
		STRUCTURAL FRONT PANEL
		INSULATION FOR BACK OF HOOD
		FIELD WRAPPER 29.00" High Left, Right
		FIELD WRAPPER FOR TOP UTILITY CABINET 29.00" High Front
	H-2	LEFT END STANDOFF(FIN/SLP) 1" Wide 33" Long Insulated
		RIGHT END STANDOFF(FIN/SLP) 1" Wide 33" Long Insulated
2		RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		INSULATION FOR TOP OF HOOD
		STRUCTURAL FRONT PANEL
		INSULATION FOR BACK OF HOOD

ND—2 Series with PSP Accessory Specification The ND-2 series hood with PSP accessory is a compensating canopy hood system rated for all types of cooking equipment. The hood shall have the size,

Construction shall be type 430 stainless steel with a #3 or #4 polish where

shape and performance specified on drawings.

exposed. Individual component construction shall be determined by the manufacturer and ETL. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints and penetrations of the hood enclosure to the lower outermost perimeter that directs and captures grease-laden vapor and

exhaust gases shall have a liquid-tight continuous external weld in accordance with NFPA 96. Hood shall be wall type with fully welded 10 gauge corner hanging angles. Corner hanging angles have a .625 x 1.500 slot pre-punched at the factory, allowing hanging rods to be used for quick and safe installations. Hanging rod and connect is provided by and installed by others.

Ventilator shall be furnished with U.L. classified aluminum baffle filters, supplied in size and quantity as required by ventilator. The filters shall extend the full length of the hood and the filler panels shall not be more than 6" in width.

The hood manufacturer shall supply complete computer generated submittal drawings including hood section view(s) and hood plan view(s). These drawings must be available to the

engineer, architect and owner for their use in construction, operation and maintenance. Exhaust duct collar to be 4" high with 1" flange. Duct sizes, CFM and static

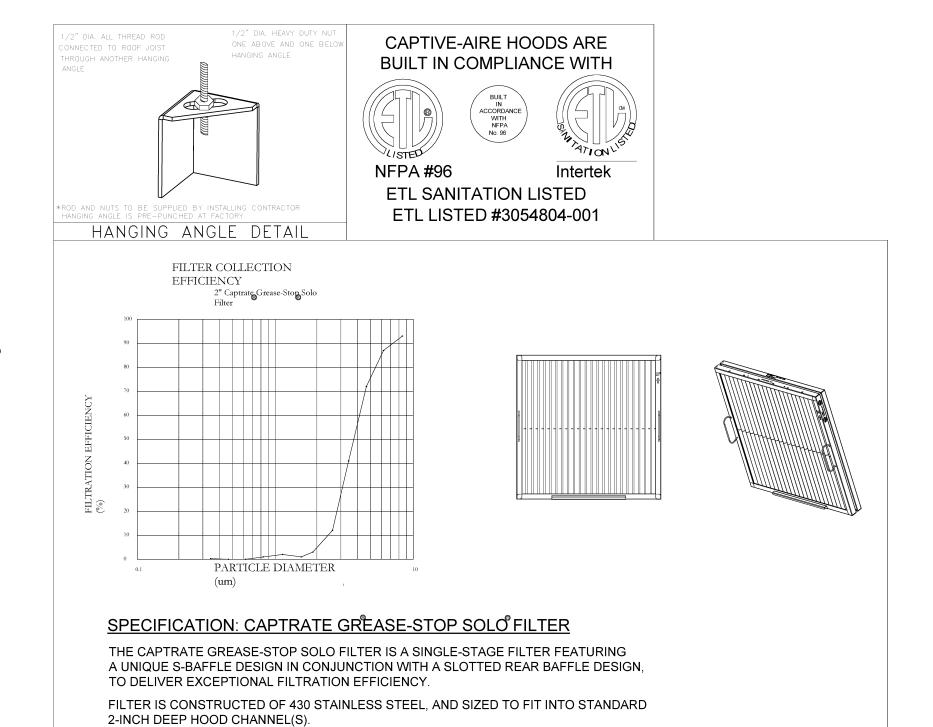
pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1-ft increments along the length of the ventilator. U.L. incandescent light fixtures and globes shall be installed and pre-wired to a

junction box. The light fixtures shall be installed with a maximum of 4'0" spacing on center and allow up to a 100 watt standard light bulb.

The hood shall have: - A double wall insulated front to eliminate condensation and increase rigidity. The insulation shall have a flexural modulus of 475 EI, meet UL 181 requirements and be in accordance with NFPA 90A and 90B. - An integral front baffle to direct grease laden vapors toward the exhaust filter

- A built-in wiring chase provided for outlets and electrical controls on the hood face and shall not penetrate the capture area or require an external chaseway. - Low velocity make-up air (up to 90%) provided through front and side plenums (PSP accessory).

The hood shall be ETL Listed as "Exhaust Hood Without Exhaust Damper", ETL Sanitation Listed and built in accordance with NFPA 96. The hood shall be listed for 450°F cooking surfaces at 150 CFM/ft, 600°F cooking surfaces at 200 CFM/ft, and 700°F cooking surfaces at 250 CFM/ft.



UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO

LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 90% GREASE PARTICLES SEVEN MICRONS IN SIZE AND

COMPONENTS WHEN ASSEMBLED.

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REmation STEM Tag NO.	TYPE	SIZE	FLOW POINTS	SYSTEM	LOCATION ON HOOD	
1	Ansul R102	3.0	2	Top Mount Center	Top Center	
2	Ansul R102	3.0	2	Top Mount Center	Top Center	
						REMOTE MAN
						PULL STATION
					— AGENT TANK	
				OEMI	RELEASE/	
				BRACKE	TASSEMBLY	

- A removable grease cup for easy cleaning.