Reviewed for Code Compliance
Inspection Division
Portland, Maine

Date: 08/30/16

HOOD INFORMATION – Job#2658653

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.	
					TOTAL EXH. CFM	RISER(S)								END TO END	ROW
						WIDTH	LENG.	HEIGHT	DIA.	CFM	S.P.				
1		5412 SND-2-PSP-F	7' 5.00"	600 Deg.	1854			4"	14"	1854	-0.822"	1187	430 SS Where Exposed	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)					LIGHT(S)			UTILITY CABINET(S)						FIRE SYSTEM PIPING	HOOD HANGING WGHT
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM		ELECTRICAL	SWITCHES		
												TYPE	SIZE	MODEL #	QUANTITY		
1		Captrate Solo Filter	5	20"	16"	93% See Filter Spec.	3	Screw In Compact	NO	Right	12"x27"x24"	Ansul R102	3.0			YES	491 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		FIELD WRAPPER 17.00" High Front, Right
		BACKSPLASH 68.00" High X 102.00" Long 430 SS Vertical
		LEFT SIDESPLASH 80.00" High X 54.00" Long 430 SS Vertical
		BACKSPLASH - INSIDE CORNER 68.00" High X 2.00" Leg Length 430 SS Vertical
		LEFT END STANDOFF(FIN/SLP) 1" Wide 54" Long Insulated
		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 BACK OF HOOD

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG.	DIA.	CFM	S.P.
1		Front	90"	20"	6"	MUA	8"	36"		593	0.158"
						MUA	8"	36"		593	0.158"

SPECIFICATION: CAPTRATE• GREASE-STOP• SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

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

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05.

FILTER COLLECTION EFFICIENCY 2" Captrate• Grease-Stop• Solo Filter

RESISTANCE VS. AIRFLOW - 2" Captrate• Grease-Stop• Solo Filter

CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)

PLAN VIEW – Hood #1
7' 5.00" LONG 5412SND-2-PSP-F

SECTION VIEW – MODEL 5412SND-2-PSP-F
HOOD – #1

PSP HANGING ANGLE

ROD, NUTS, AND WASHERS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-PUNCHED AT FACTORY

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001

ND-2 HANGING ANGLE DETAIL

ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-PUNCHED AT FACTORY

1/2 Pint Grease Cup Detail

Grease cup will be supported by 2 studs on the inside wall of the hood. The grease will drain through a concealed grease trough and into this removeable cup.

REVISIONS

DESCRIPTION	DATE:

CAPTIVEAIRE
www.captiveaire.com
MAINE OFFICE
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Tin Pan Bakery
897 Brighton Ave,
PORTLAND, ME, 04102

DATE: 5/16/2016

DWG.#: 2658653

DRAWN BY: BFC-21

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 1