HOOD INFORMATION

	HOOD NO	TAG	MODEL	LENGTH	MAX COOKING TEMP	TOTAL EXH CFM	EXHAUST PLENUM WIDTH	LENGTH	DIA	CFM	S.P.	TOTAL SUP CFM	SUPPLY PLENUM WIDTH	LENGTH	DIA	CFM	S.P.	HOOD CONSTRUCTION	HOOD COVER END TO END
KEH-1	1	Item 62 - left	4824 NO-2-PSP-F	12' 0.00"	800 Deg	3000	10"	14"		1500	4.0 WG	2400						430 SS Where Exposed	ALONE
							10"	14"		1500	2.5 WG								
KEH-2	2	Item 62 - right	4824 NO-2-PSP-F	4' 0.00"	800 Deg	800	10"	8"		800	0.7 WG	800						430 SS Where Exposed	ALONE
KEH-3	3	Item 14	4824 NO-2-PSP-F	4' 0.00"	700 Deg	750	8"	8"		750	0.2 WG	800						430 SS Where Exposed	ALONE
	4	Item 38	3624 VHB-G	9' 0.00"	700 Deg	750			10"	750	0.1 WG	0						304 SS 100%	ALONE

HOOD INFORMATION

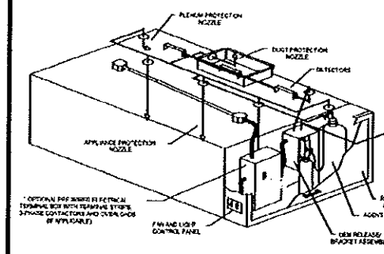
HOOD NO	TYPE (LIGHTS)	QTY	HEIGHT	LENGTH	QTY	TYPE (LIGHTS)	FIRE GUARD	LOCATION	TYPE	FIRE SUPPRESSION SYSTEM BOX	ELECTRICAL MODEL #	SERVICES QUANTITY	FIRE SYSTEM PIPING	HOOD WARRANTY RIGHT
1	Captrate Solid Fiber w/	1	16"	16"	1	Screw In Compact Fluors	NO						YES	1024 LBS
2	Captrate Solid Fiber w/	2	16"	16"	2	Screw In Compact Fluors	NO	Right	Ansul R-102	3-R-102-8	30-1110-P	1 Tank 17 Ltr	YES	375 LBS
3	Captrate Solid Fiber w/	1	16"	16"	3	Screw In Compact Fluors	NO						YES	100 LBS
		1	16"	20"										
4					5								NO	100 LBS

HOOD OPTIONS

HOOD NO	OPTION
1	BACKSPLASH - 12.00" High x 240.00" Long - 430 SS
	BACKSPLASH - 12.00" High x 120.00" Long - 430 SS
	BACKSPLASH - 12.00" High x 120.00" Long - 430 SS
	RIGHT END STANDOFF - 12.00" High x 48.00" Long
	LEFT END STANDOFF - 12.00" High x 48.00" Long
	WRAPPER CHANNEL - Type Right
	RIGHT CORNER END PANEL - 12.00" High x 48.00" Long
	INSULATION FOR TOP OF HOOD
	INSULATION FOR BACK OF HOOD
2	BACKSPLASH - 12.00" High x 48.00" Long - 430 SS
	LEFT END STANDOFF - 12.00" High x 48.00" Long - 430 SS
	RIGHT END STANDOFF - 12.00" High x 48.00" Long - 430 SS
	WRAPPER CHANNEL - Type Left or Right
	INSULATION FOR TOP OF HOOD
	INSULATION FOR BACK OF HOOD
4	WRAPPER CHANNEL - Type Left or Right

PERFORATED SUPPLY PLENUM(S)

HOOD NO	POS.	LENGTH	WIDTH	HEIGHT	TYPE	WIDTH	HEIGHT	DIA	CFM	S.P.
1	Front	10.0'	1.0'	6"	MUA	12"	24"		1100	0.1 WG
					MUA	12"	24"		1100	0.1 WG
					MUA	12"	24"		1100	0.1 WG
2	Front	10.0'	1.0'	6"	MUA	12"	24"		1100	0.1 WG
3	Front	5.0'	1.0'	6"	MUA	12"	24"		1100	0.1 WG



TYPICAL ANSUL R-102 SYSTEM LAYOUT

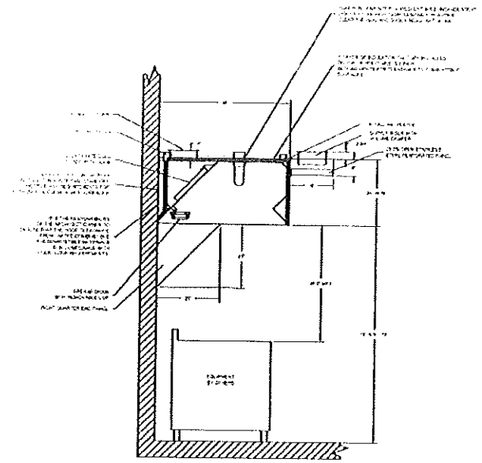
SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE ENGINEERED TYPE WITH FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES INC. (UL)

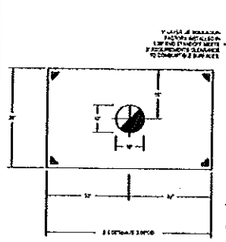
THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION, WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE BASED FORMULATION DESIGNED FOR FLAME SUPPRESSION AND SEQUESTRANT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

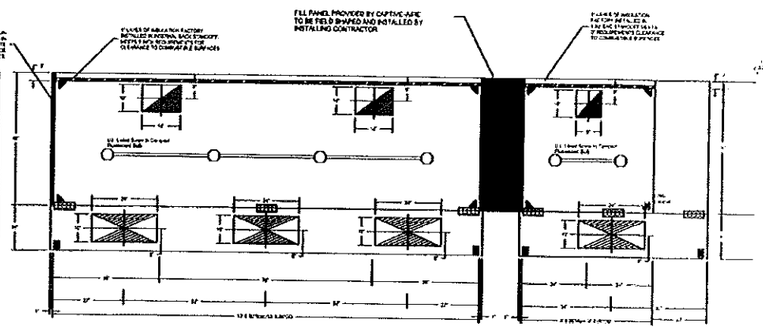
THE REQUESTED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINE SHALL BE 316 PSTO AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE OF THE VENTILATING SYSTEM. THE FUSIBLE LINE SHALL BE SUPPORTED BY A DETECTOR BRACKET LINKAGE ASSEMBLY.



SECTION VIEW – MODEL 4824ND-2-PSP-F

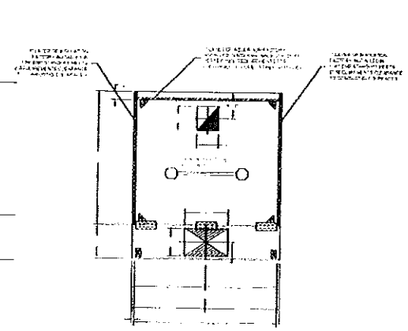


PLAN VIEW – Hood #4 (Item 38)
9' 0.00" LONG 3624VHB-G

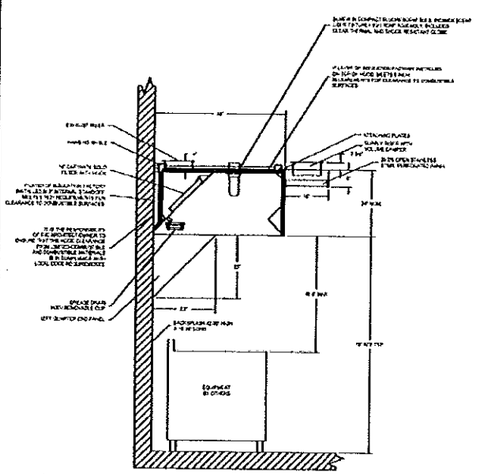


PLAN VIEW – Hood #1 (Item 62 – left)
12' 0.00" LONG 4824ND-2-PSP-F

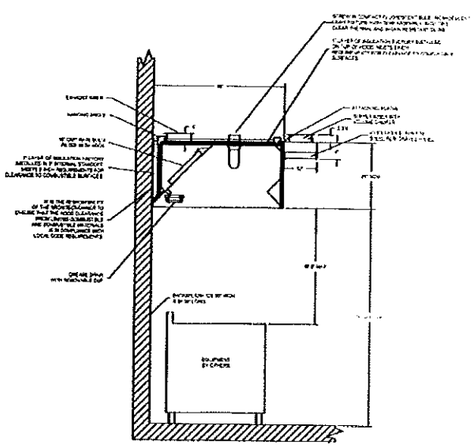
PLAN VIEW – Hood #2 (Item 62 – right)
8' 0.00" LONG 4824ND-2-PSP-F



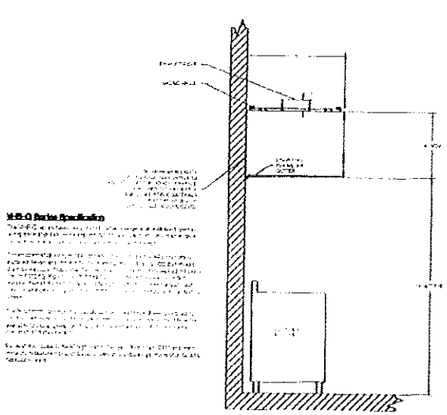
PLAN VIEW – Hood #3 (Item 14)
4' 0.00" LONG 4824ND-2-PSP-F



SECTION VIEW – MODEL 4824ND-2-PSP-F



SECTION VIEW – MODEL 4824ND-2-PSP-F



SECTION VIEW – MODEL 3624VHB-G

ND-2 Series with PSP Accessory Specification

VHB-G Series Specification

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REVISIONS

CAPTIVE-AIRE
NEXT

Egg & I - PORTLAND, ME
SOUTH PORTLAND, ME

DATE: 10/11/2012
DWG #: 14-003
DRAWN BY:
SCALE: 3/4" = 1' 0"
MASTER DRAWING
SHEET NO.

SEAL

155 Riverside Street
Portland, Maine 04103

The EGG & I
Breakfast & Lunch
Howard Johnson Plaza Hotel

ICON ARCHITECTURE
1511 Westport Road
Kansas City, MO 64111
p.816.221.0250 f.816.221.0251

REVISIONS

ISSUE DATE
11/01/12

PROJECT NUMBER
2012-42

SHEET NUMBER
M3

MECHANICAL HOODS