Date: 09/16/14
Building Permit Subject to Compliance
Inspection Division
Approved with Conditions

KITCHEN HOOD PERFORMANCE SCHEDULE

BASIS OF DESIGN - HOODMART

TAG	SIZE(IN) L×D×H	EXHAUST CONNECTIONS					SUPPLY CONNECTIONS					FILTER HEIGHT	FILTER QTY & SIZE	FILTER FACE VEL (FPM)	WEIGHT (LBS)	EXHAUST FAN	MAKEUP AIR UNIT	SERVICE	MODEL
		CFM	S.P.	QTY	SIZE	FPM	CFM	S.P.	QTY	SIZE	FPM								
KH1	144x48x24	3000	0.50	1	18x16	-	2400	0.25	1	24x14	-	-	-	-	455	EF1	MUA-1	KITCHEN EQUIP.	2092B
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HOOD NOTES
1. Provide "KH-1" with a FlyoChem fire suppression system.

FAN PERFORMANCE SCHEDULE

TAG	AIRFLOW (CFM)	T.S.P (INWG)	NOISE (SONES)	FRPM	DRIVE	ELECTRICAL REQUIREMENTS					BASIS OF DESIGN - HOODMART		
						HP	BHP	WATTS	AMPS	V/PH/HZ	SERVICE	ARRANGEMENT	MODEL
EF1	3000	0.5	-	1346	BELT	1.0	-	-	6.5	230/1/60	KH-1	ROOFTOP UP	HMEX36-B
-	-	-	-	-	-	-	-	-	-	-	-	-	-
SF1	2400	0.25	-	860	BELT	1/2	-	-	6.3	120/1/60	HOOD MUA	ROOFTOP	HMSF1

General Mechanical Notes
1. Grease duct shall be manufactured by Atlantic Air Systems Model FG, double-wall insulated construction with 20 GA. Type 304 stainless steel liner and 22 GA. aluminized steel outer shell. Insulation shall be 4" thick fiberglass, 11 lb/in2 density. Cleanouts shall be provided per NFPA96.
2. Make-up air ductwork shall be insulated with 3" thick fiberglass duct insulation with FSK, Owens-Corning, or equal.
3. A motorized damper shall be provided at the supply fan, interlocked to open with the fan operation.

Atlantic Comfort Systems, Inc.
Mechanical Contractor • 207-284-6360
392 Hill Street Biddeford, ME 04005
www.atlanticcomfort.com

STATE OF MAINE
STEPHEN P. DOEL
No. 3807
PROFESSIONAL ENGINEER

Revisions
1. For Permit.

Sur Lie Restaurant

11 Free Street
Portland, ME

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

Job No.:	3639
Date:	9/8/14
Scale:	1/8" = 1'-0" or A.N.
Drawn by:	SP Doel
Checked by:	SP Doel

Drawing Title:
HVAC Plan

M.1