HOOD INFORMATION

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM						SUPPLY PLENUM						HOOD CONSTRUCTION	HOOD CONFIG.	
				TOTAL EXH. CFM	RISER(S)					TOTAL SUP. CFM	RISER(S)						END TO END	ROW
					WIDTH	LENG.	DIA.	CFM	S.P.		WIDTH	LENG.	DIA.	CFM	S.P.			
1	5424 ND-2-PSP-F	7' 6.00"	600 Deg.	1875	10"	18"		1875	-0.470"	1500						430 SS Where Exposed	ALONE	ALONE
2	5424 ND-2-PSP-F	8' 0.00"	450 Deg.	1800	10"	17"		1800	-0.436"	1440						430 SS Where Exposed	ALONE	BACK
3	4224 VHB-G	3' 6.00"	700 Deg.	525	9"	9"		525	-0.068"	0						304 SS 100%	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)						FIRE SYSTEM PIPING	HOOD HANGING WGHT
	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM		ELECTRICAL	SWITCHES			
									TYPE	SIZE	MODEL #	QUANTITY	LOCATION		
1	SS Baffle with Handles	3	16"	16"	3	Incandescent Light Fixt	NO	Right	Ansul R102	3.0/3.0	11111002	1 Light 1 Fan	Outside	YES	496 LBS
		2	16"	20"											
2	SS Baffle with Handles	1	16"	16"	3	Incandescent Light Fixt	NO				11111002	1 Light 1 Fan	Outside	YES	514 LBS
		4	16"	20"											
3					0									NO	162 LBS

HOOD OPTIONS

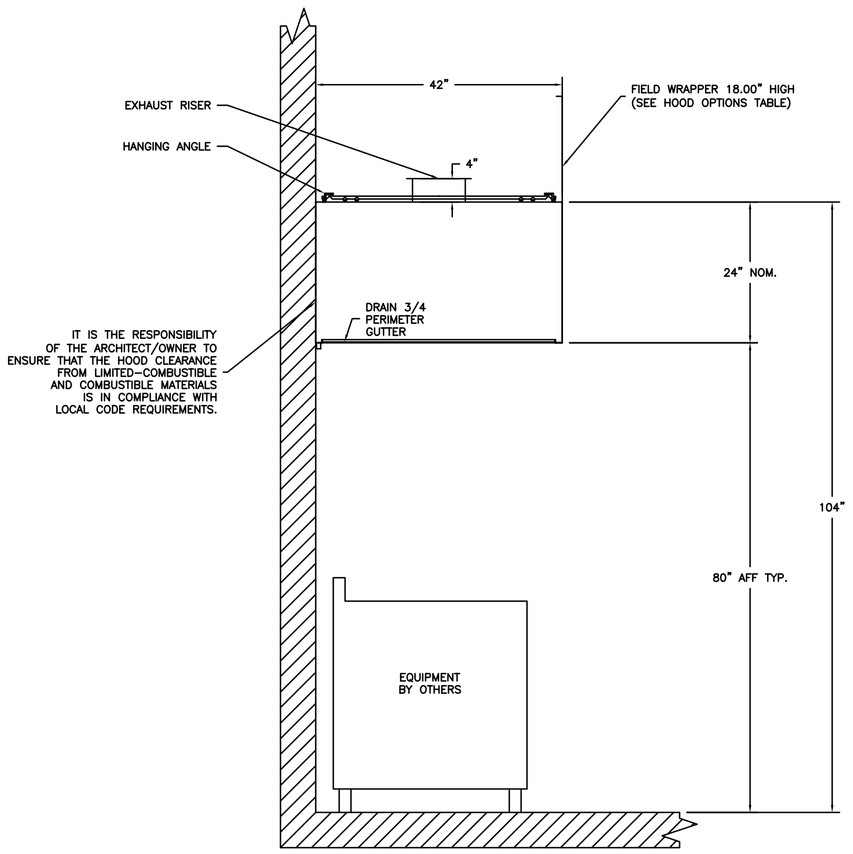
HOOD NO.	OPTION
1	FIELD WRAPPER 18.00" High Front, Left, Right
	BACKSPLASH 80.00" High X 102.00" Long 430 SS
2	FIELD WRAPPER 18.00" High Front, Left, Right
	BACKSPLASH 80.00" High X 108.00" Long 430 SS
3	FIELD WRAPPER 18.00" High Front, Left, Right

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
						WIDTH	LENG.	DIA.	CFM	S.P.
1	Front	102"	12"	6"	MUA	8"	24"		750	0.259"
					MUA	8"	24"		750	0.259"
2	Front	108"	12"	6"	MUA	6"	28"		720	0.274"
					MUA	6"	28"		720	0.274"

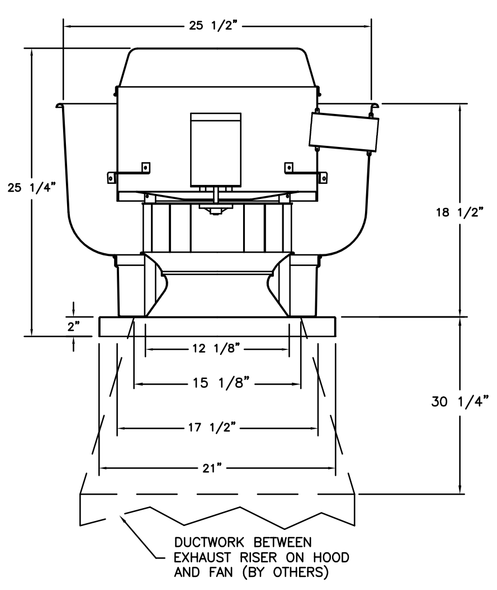
ETL LISTING DESCRIPTION BLOCK

THE CAPTIVE AIRE MODEL
VH HAS BEEN E.T.L.
TESTED, LISTED, AND
APPROVED TO EXHAUST
A MINIMUM OF 100 CFM PER
LINEAR FOOT
OVER 700 DEGREE EQUIPMENT



SECTION VIEW – MODEL 4224VHB-G

FAN #5 DU30HFA – EXHAUST FAN



FEATURES:

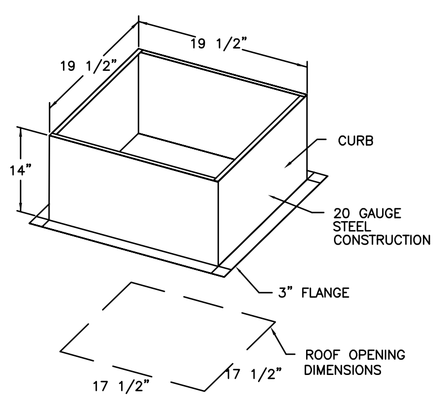
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

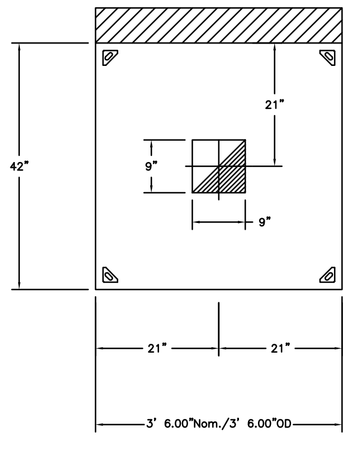
NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

MOTORIZED I 15 BDD 120/240V





PLAN VIEW – Hood #3
3' 6.00" LONG 4224VHB-G

1 HOOD DETAIL

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

CAPTIVE AIRE
HOUSTON OFFICE
2626 South Loop West, Suite 620, Houston, TX. 77054 PHONE: (713) 839-9944 FAX: (713) 839-9945 EMAIL: mp46@captiveaire.com
www.captiveaire.com

Demeris BBQ #1359060
HOUSTON, TX

DATE: 6/7/2011

DWG.#: 1359060

DRAWN BY: GAF

SCALE: 1/16

MASTER DRAWING

SHEET NO. 1

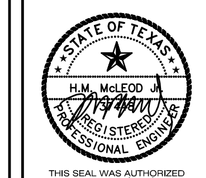
ISSUE	DATE	DESCRIPTION
1	06/29/11	PERMIT / CONSTRUCTION
2	10/13/11	PERMIT / CONSTRUCTION
3	11/16/11	CITY COMMENTS

PROJECT:

CONSTRUCTION FOR
Demeris Barbecue

1702 West Loop North
Houston, Texas 77092

ENGINEER:



THIS SEAL WAS AUTHORIZED
THIS DATE 11/16/11

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DATE	6/17/11
PROJECT#	11141
SCALE	as noted
DRAWN BY	---

SHEET NAME:
HOOD DETAILS

SHEET NUMBER:
M-4