

**HOOD INFORMATION - Job#2332586**

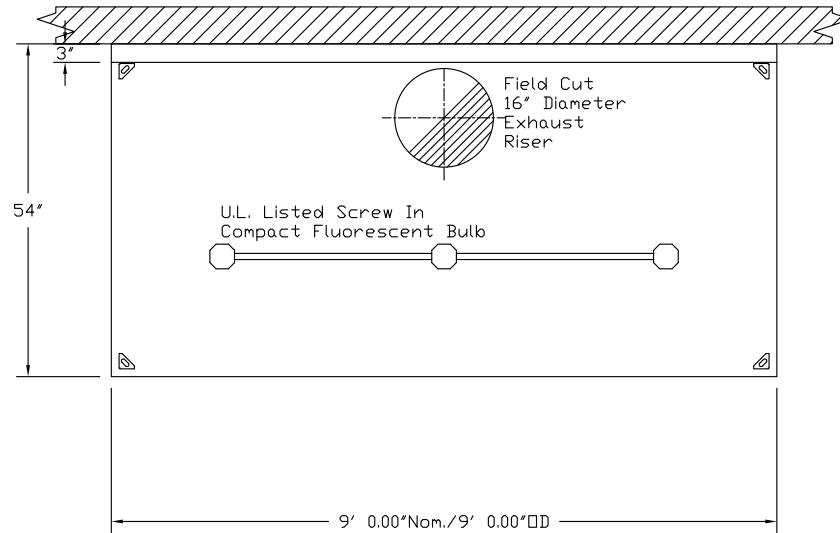
HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG.		
					TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM		S.P.	END TO END	ROW
1		5424 ND-2	9' 0.00'	600 Deg.	2115			16"	2115	-0.464'	430 SS Where Exposed	ALONE	ALONE

**HOOD INFORMATION**

HOOD NO.	TAG	TYPE	FILTER(S)			EFFICIENCY @ 9 MICRONS	QTY.	LIGHT(S)		WIRE GUARD	LOCATION	UTILITY CABINET(S)			FIRE SYSTEM PIPING	HOOD HANGING WGT
			QTY.	HEIGHT	LENGTH			TYPE	TYPE			TYPE	SIZE	MODEL #		
1		SS Baffle with Handles	6	16"	16"	30%	3	Screw In Compact	ND						ND	453 LBS

**HOOD OPTIONS**

HOOD NO.	TAG	OPTION
1		RIGHT VERTICAL END PANEL 27' Top Width, 21' Bottom Width, 80' High Insulated 430 SS
		LEFT VERTICAL END PANEL 27' Top Width, 21' Bottom Width, 80' High Insulated 430 SS



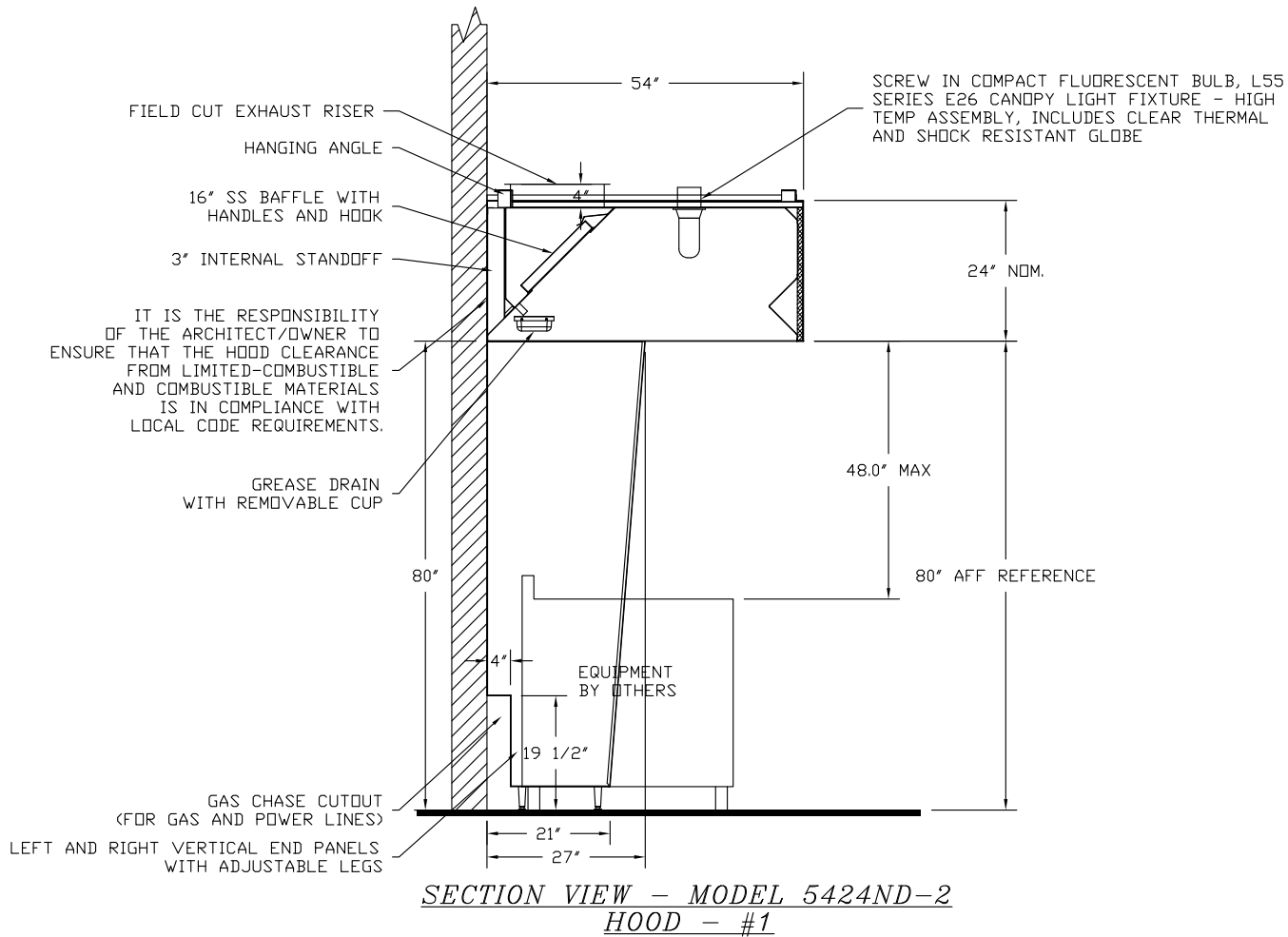
PLAN VIEW - Hood #1  
9' 0.00" LONG 5424ND-2

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted  
 Approved with NO Exception Taken  
 Revise and Resubmit  
 SIGNATURE \_\_\_\_\_  
 Your Title \_\_\_\_\_ Date \_\_\_\_\_



JOB CFC Chicken r1	
LOCATION FAIRFIELD, ME,	
DATE 5/28/2015	JOB # 2332586
DWG # 1	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"



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**CAPTIVEAIRE**

JOB CFC Chicken r1	
LOCATION FAIRFIELD, ME,	
DATE 5/28/2015	JOB # 2332586
DWG # 2	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

**EXHAUST FAN INFORMATION - Job#2332586**

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1		DU85HFA	2115	0.500	1255	0.750	0.3890	1	115	13.0	85	13.6

**FAN OPTIONS**

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box
		1 - 3 Year Extended Motor Warranty
		1 - Fan Base Ceramic Seal - For Grease Ducts
		1 - Hinge Kit - Ships Loose for Curb Supplied by Others

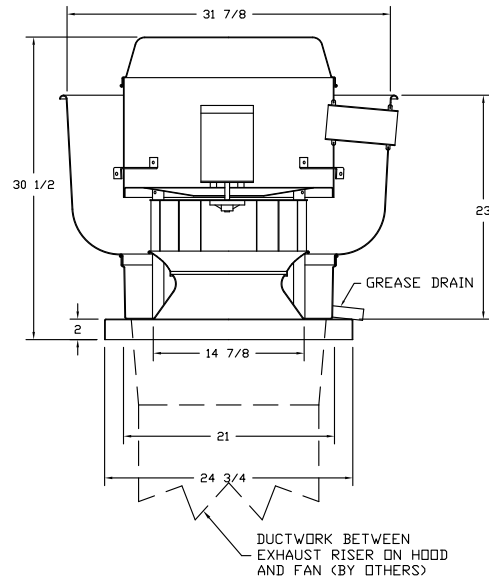
**FAN ACCESSORIES**

FAN UNIT NO.	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1		YES						

**CURB ASSEMBLIES**

ND.	DN FAN	WEIGHT	ITEM	SIZE
1	# 1	32 LBS	Curb	23.000"W x 23.000"L x 20.000"H Vented

FAN #1 DU85HFA - 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**

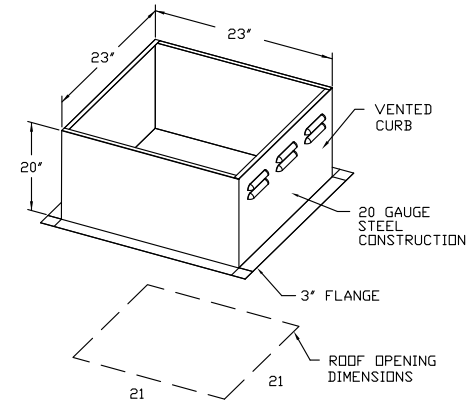
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

**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**

- GREASE BOX
- 3 YEAR EXTENDED MOTOR WARRANTY
- FAN BASE CERAMIC SEAL - FOR GREASE DUCTS
- HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS



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Revise and Resubmit

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Your Title \_\_\_\_\_ Date \_\_\_\_\_



JOB/CFC Chicken r1	
LOCATION FAIRFIELD, ME,	
DATE 5/28/2015	JOB # 2332586
DWG # 3	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

Exhaust Fan Wiring

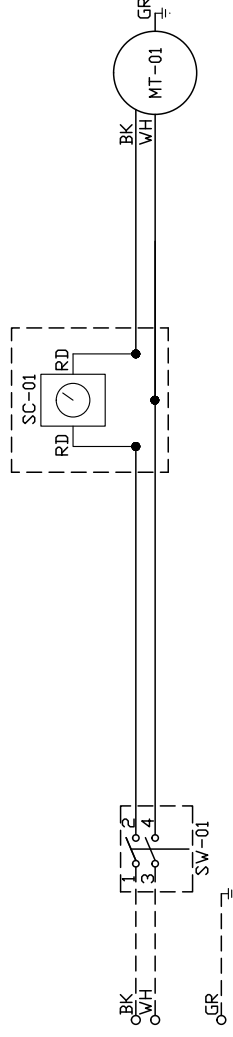
JOB 2332586 - CFC Chicken r1

DRAWING NUMBER EXH2332586-1

SHIP DATE 5/28/2015

MODEL DU85HFA

Installed Options  
Speed Control



Component Identification	
Label	Description Location
MT-01	Fan Motor [2]
QD-01	Quick Disconnect [2]
SC-01	Speed Control [1]
SW-01	Main disconnect switch [2]

EXHAUST MOTOR\_INFO 0.75HP-115V-1P-13.0FLA

ELECTRICAL INFORMATION  
MOTOR/CTRL MOP: 163A  
MOTOR/CTRL MOP: 25A

NOTES  
- - - DENOTES FIELD WIRING  
\_ \_ \_ DENOTES INTERNAL WIRING

WIRE COLOR	
BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PR - PURPLE
RD - RED	PK - PINK
WH - WHITE	

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