

HOOD INFORMATION - Job#2260776

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.	
						WIDTH	LENG.	DIA.	CFM	S.P.			END TO END	ROW
1	LEFT	5412 SND-2	8' 0.00'	600 Deg.	3200	10"	30"		3200	-0.575'	0	430 SS 100%	LEFT	ALONE
2	RIGHT	5412 SND-2	8' 0.00'	600 Deg.	2400	10"	23"		2400	-0.422'	0	430 SS 100%	RIGHT	ALONE
3	24"W Supply	246 MISC-PSP	8' 0.00'	300 Deg.	0						1500	430 SS 100%	ALONE	ALONE
4	24"W Supply	246 MISC-PSP	8' 0.00'	300 Deg.	0						1500	430 SS 100%	ALONE	ALONE
5	24"W Supply	246 MISC-PSP	8' 0.00'	300 Deg.	0						1500	430 SS 100%	ALONE	ALONE
6		4812 VHB-G	4' 0.00'	700 Deg.	700			12"	700	-0.090'	0	430 SS 100%	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	FIRE SYSTEM		ELECTRICAL			SWITCHES	
												TYPE	SIZE	MODEL #	QUANTITY		
1	LEFT	SS Baffle with Handles	5	20"	16'	30%	3	Screw In Compact	NO							NO	374 LBS
2	RIGHT	SS Baffle with Handles	5	20"	16'	30%	3	Screw In Compact	NO							NO	416 LBS
3	24"W Supply						0									NO	117 LBS
4	24"W Supply						0									NO	117 LBS
5	24"W Supply						0									NO	117 LBS
6							0									NO	118 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1	LEFT	INSULATION FOR TOP OF HOOD FINISHED BACK - GROUND/POLISH 96.00' Long
2	RIGHT	INSULATION FOR TOP OF HOOD RIGHT VERTICAL END PANEL 27' Top Width, 21' Bottom Width, 68' High Insulated 430 SS

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG.	DIA.	CFM	S.P.
3	24"W Supply	Front	96"	24"	6"	MUA	12"	28"		750	0.211'
							12"	28"		750	0.211'
4	24"W Supply	Front	96"	24"	6"	MUA	12"	28"		750	0.211'
							12"	28"		750	0.211'
5	24"W Supply	Front	96"	24"	6"	MUA	12"	28"		750	0.211'
							12"	28"		750	0.211'

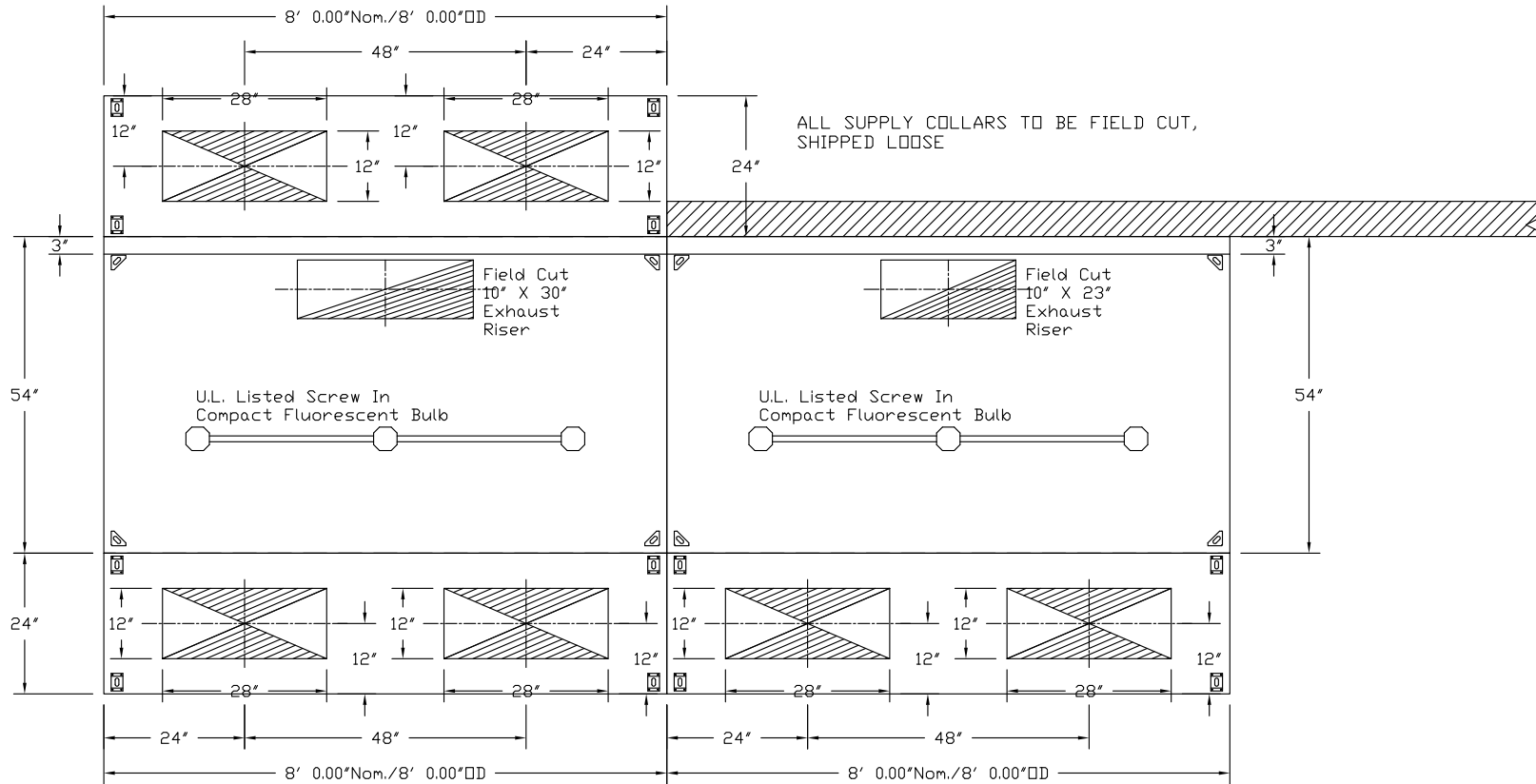
CUSTOMER APPROVAL TO MANUFACTURE:

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



JOB Taco Trio
 LOCATION SCARBOROUGH, ME,
 DATE 3/10/2015 JOB # 2260776
 DWG # 1 DRAWN BY BFC-21
 REV. SCALE 3/8" = 1'-0"

PLAN VIEW – Hood #5 (24"W Supply)
8' 0.00" LONG 246MISC-PSP



PLAN VIEW – Hood #1 (LEFT)
8' 0.00" LONG 5412SND-2

PLAN VIEW – Hood #2 (RIGHT)
8' 0.00" LONG 5412SND-2

PLAN VIEW – Hood #3 (24"W Supply)
8' 0.00" LONG 246MISC-PSP

PLAN VIEW – Hood #4 (24"W Supply)
8' 0.00" LONG 246MISC-PSP

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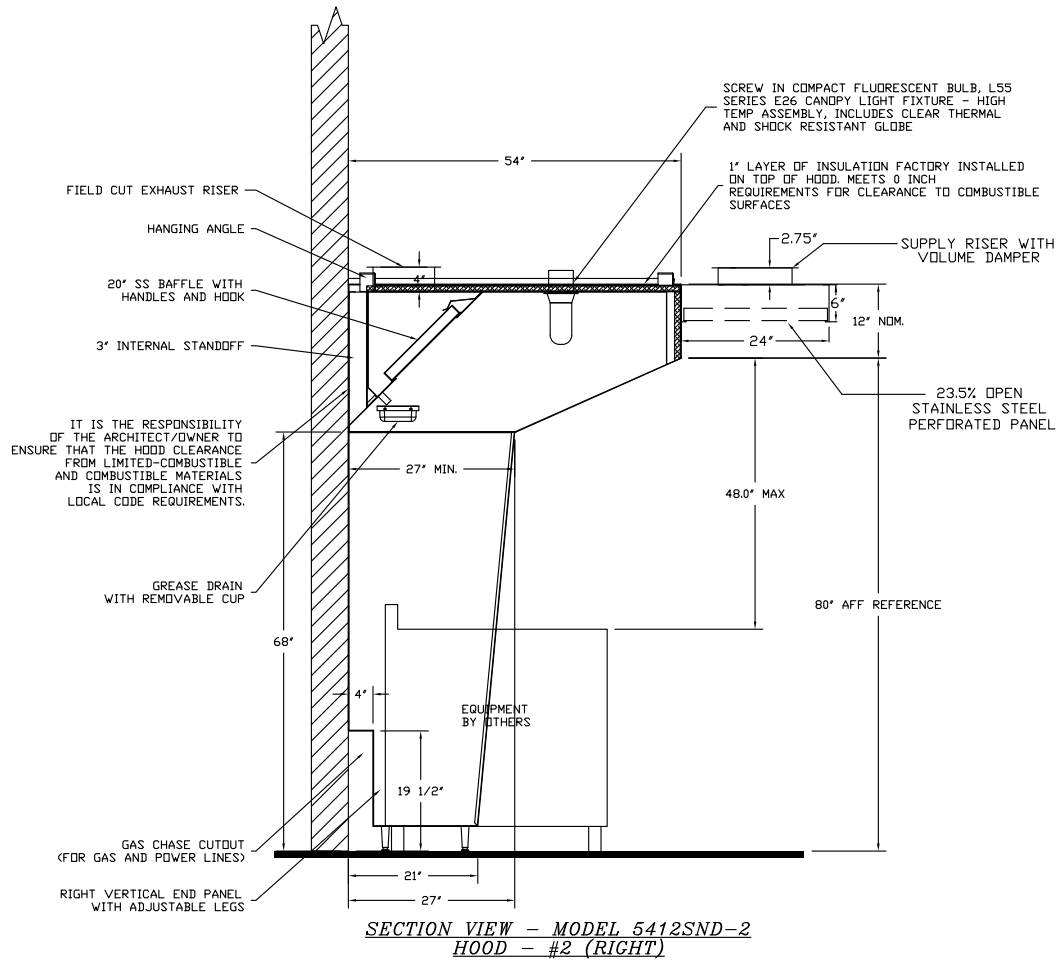
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CAPTIVEAIRE

JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 2	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"



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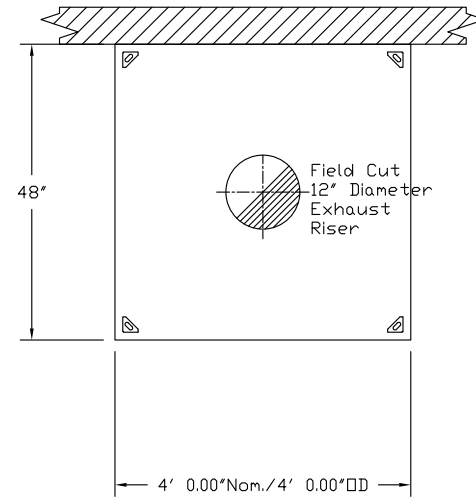
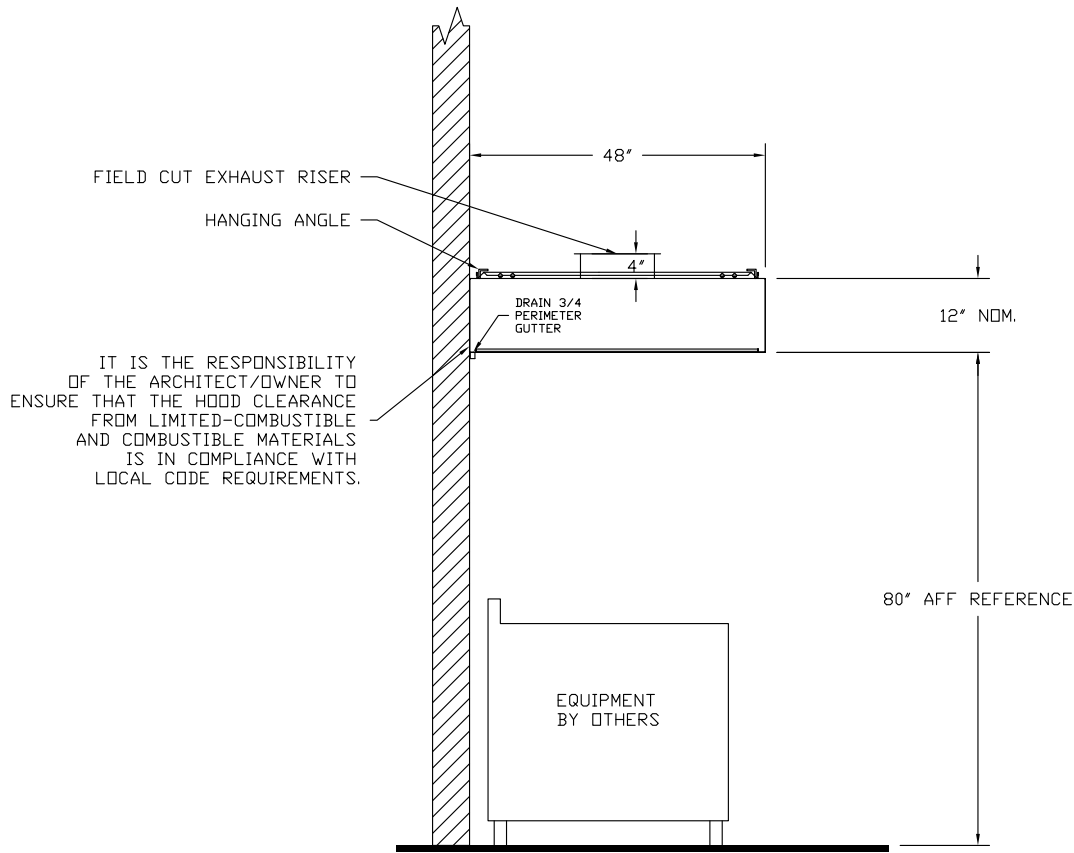
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Your Title _____ Date _____



CAPTIVEAIRE

JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 4	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"



PLAN VIEW - Hood #6
4' 0.00" LONG 4812VHB-G

SECTION VIEW - MODEL 4812VHB-G
HOOD - #6

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CAPTIVEAIRE

JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 5	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

EXHAUST FAN INFORMATION - Job#2260776

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1		NCA18FA	3200	1.000	903	1.500	0.9240	1	230	10.2	221	12.2
2		NCA16FA	2400	1.000	963	1.500	0.6960	1	230	10.2	203	11.4
4		DU33HFA	700	0.500	1292	0.333	0.1470	1	115	4.1	96	8.7

MUA FAN INFORMATION - Job#2260776

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
3		A2-G15	G15-PB	A2	4500	0.750	717	3.000	1.7200	1	230	17.0	466	13.8

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box
		1 - Full Crating For Exhaust Fans
		1 - 3 Year Extended Motor Warranty
		1 - Extra Set of Belts
		1 - Fan Base Ceramic Seal - For Grease Ducts
2		1 - Grease Box
		1 - Full Crating For Exhaust Fans
		1 - 3 Year Extended Motor Warranty
		1 - Extra Set of Belts
		1 - Fan Base Ceramic Seal - For Grease Ducts
3		1 - Hinge Kit - Ships Loose for Curb Supplied by Others
		1 - Full Crating For Untempered Fans
		1 - Gravity Backdraft Damper for Size 2 Housing
		1 - Extra Set of Belts
		1 - 3 Year Extended Motor Warranty
4		1 - Full Crating For Exhaust Fans
		1 - 15-BDD Damper
		1 - 3 Year Extended Motor Warranty
		1 - SCR-11 Bird Screen
		1 - Fan Base Ceramic Seal - For Grease Ducts

FAN ACCESSORIES

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

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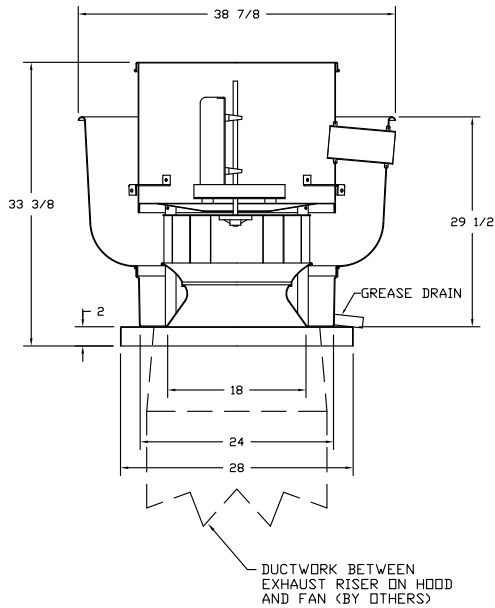
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JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 6	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

FAN #1 NCA18FA - EXHAUST FAN



FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

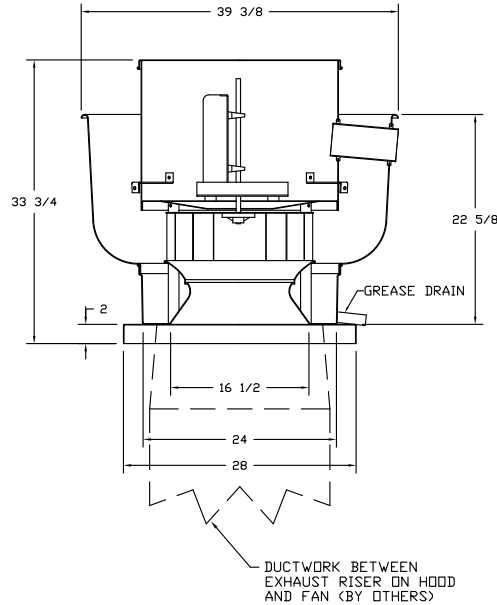
NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

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
- FULL CRATING FOR EXHAUST FANS
- 3 YEAR EXTENDED MOTOR WARRANTY
- EXTRA SET OF BELTS
- FAN BASE CERAMIC SEAL - FOR GREASE DUCTS
- HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS

FAN #2 NCA16FA - EXHAUST FAN



FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- 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
- FULL CRATING FOR EXHAUST FANS
- 3 YEAR EXTENDED MOTOR WARRANTY
- EXTRA SET OF BELTS
- 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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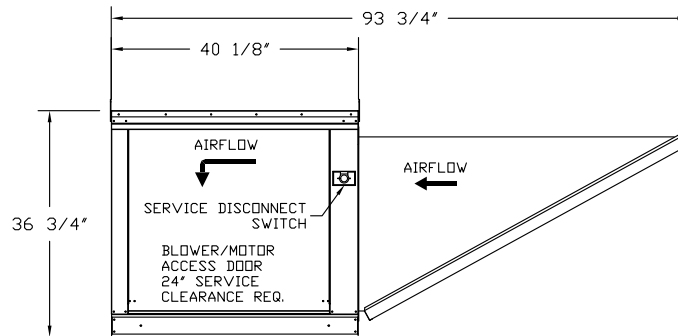
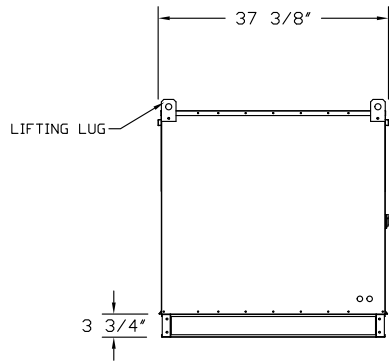
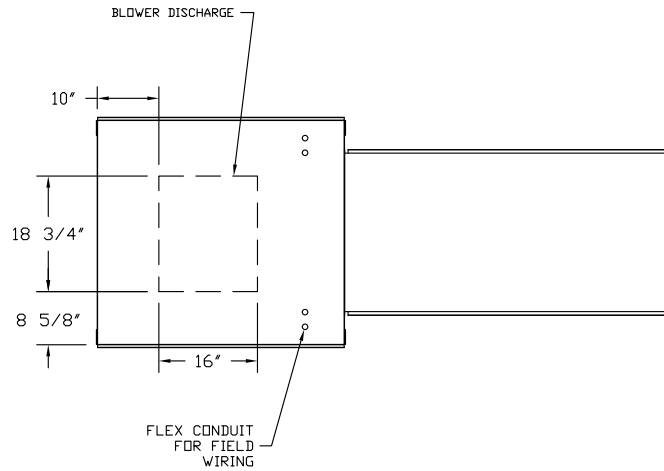
Your Title _____ Date _____



JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 7	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

FAN #3 A2-G15 - SUPPLY FAN

1. UNTEMPERED SUPPLY UNIT WITH 15" BLOWER IN SIZE #2 HOUSING
2. INTAKE HOOD WITH EZ FILTERS
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
4. FULL CRATING FOR UNTEMPERED FANS FOR SHIPPING.
5. GRAVITY BACK DRAFT DAMPER 22" X 24" , STANDARD GALVANIZED CONSTRUCTION, 1 1/4" REAR FLANGE, FOR SIZE 2 UNTEMPERED FAN HOUSING (5182)
6. EXTRA SET OF V-BELTS. ONLY TO BE ORDERED AS FAN OPTION AT TIME FAN IS ORDERED.
7. 3 YEAR EXTENDED WARRANTY FOR FAN MOTOR. PARTS ONLY; DOES NOT INCLUDE LABOR.



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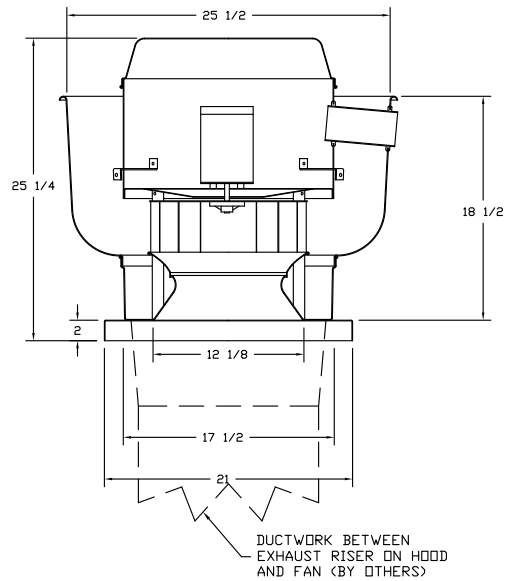
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Your Title _____ Date _____



JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 8	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

FAN #4 DU33HFA - EXHAUST FAN



FEATURES:

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

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.

OPTIONS

- FULL CRATING FOR EXHAUST FANS
- I 15-BDD DAMPER
- 3 YEAR EXTENDED MOTOR WARRANTY
- SCR-11 BIRD SCREEN
- FAN BASE CERAMIC SEAL - FOR GREASE DUCTS

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JOB Taco Trio	
LOCATION SCARBOROUGH, ME,	
DATE 3/10/2015	JOB # 2260776
DWG # 9	DRAWN BY BFC-21
REV.	SCALE 3/8" = 1'-0"

Exhaust Fan Wiring

JOB 2260776 - Taco Trio

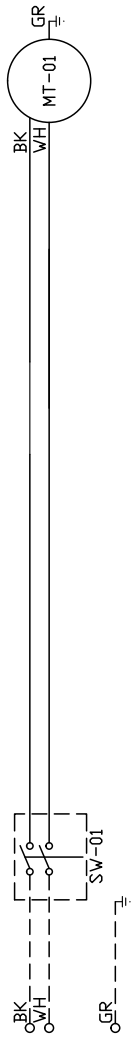
DRAWING NUMBER EXH2260776-1

SHIP DATE 3/10/2015

MODEL NCA18FA

Installed Options

1



Label Description Location
 MT-01 Fan Motor [2]

SW-01 Main disconnect switch [2]

4

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EXHAUST MOTOR_INFO
 1.5HP-230V-1P-10.2FLA

ELECTRICAL INFORMATION
 MOTOR/CTRL MOP: 12.8A
 MOTOR/CTRL MOP: 20A

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

Exhaust Fan Wiring

JOB 2260776 - Taco Trio

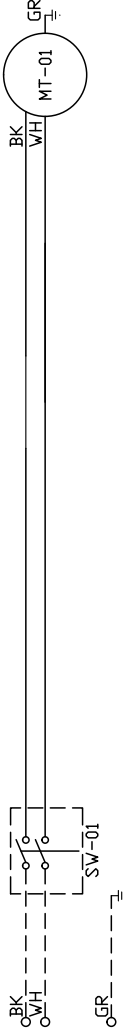
DRAWING NUMBER EXH2260776-2

SHIP DATE 3/10/2015

MODEL NCA18FA

Installed Options

1



Label Description Location
 MT-01 Fan Motor [2]

SW-01 Main disconnect switch [2]

2

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EXHAUST MOTOR_INFO
 1.5HP-230V-1P-10.2FLA

ELECTRICAL INFORMATION
 MOTOR/CTRL MOP: 12.8A
 MOTOR/CTRL MOP: 20A

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

AirHandler Wiring

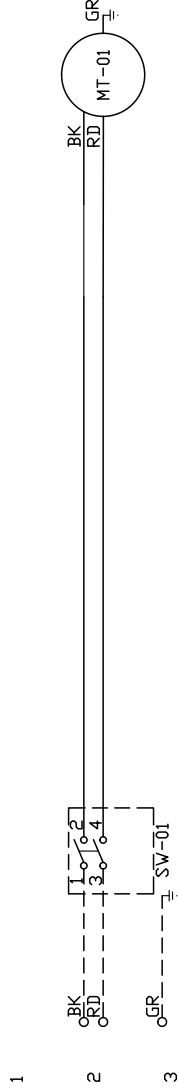
JOB 2260776 - Taco Trio

DRAWING NUMBER A2260776-3

SHIP DATE 3/10/2015

MODEL A2-G15

ATTENTION ELECTRICIAN!
 DROP FOR DISCONNECT CONNECTION
 IS FACTORY SUPPLIED
 CONNECT POWER TO THE DROP



Installed Options

Label	Component Description	Location
MT-01	Supply motor	[20]
SW-01	Main disconnect switch	[20]

MT-01 Supply motor [20]

SW-01 Main disconnect switch [20]

SUPPLY MOTOR_INFO
 3HP-230V-1P-17.0FLA

ELECTRICAL INFORMATION
 MOTOR/CTRL CIRCUIT MOP: 313A
 MOTOR/CTRL CIRCUIT MOP: 35A

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	

1

BK
RD

MT-01

GR

GR

SW-01

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Exhaust Fan Wiring

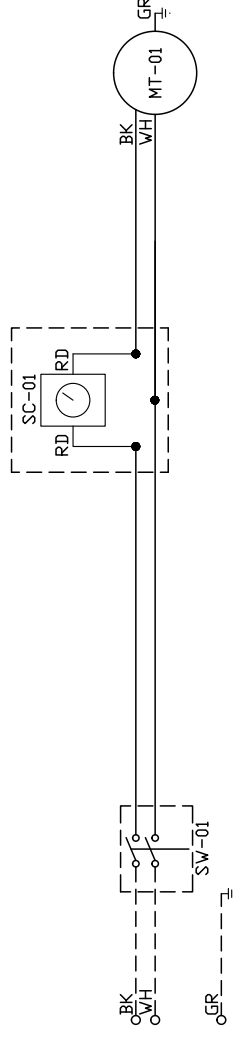
JOB 2260776 - Taco Trio

DRAWING NUMBER EXH2260776-4

SHIP DATE 3/10/2015

MODEL DU33HFA

Installed Options
Speed Control



Label	Description	Location
MT-01	Fan Motor	L2U
QD-01	Quick Disconnect	L2U
SC-01	Speed Control	L1U
SW-01	Main disconnect switch	L2U

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EXHAUST MOTOR_INFD 0.333HP-115V-1P-4:FLA

ELECTRICAL INFORMATION
MOTOR/CTRL MOP: 52A
MOTOR/CTRL MOP: 15A

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

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

System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.

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<i>JOB</i> Taco Trio	
<i>LOCATION</i> SCARBOROUGH, ME,	
<i>DATE</i> 3/10/2015	<i>JOB #</i> 2260776
<i>DWG #</i> 14	<i>DRAWN BY</i> BFC-21
<i>REV.</i>	<i>SCALE</i> 3/8" = 1'-0"