HOOD INFORMATION

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG.	DIA.	CFM	S.P.	TOTAL SUP. CFM	SUPPLY PLENUM RISER(S) WIDTH	LENG.	DIA.	CFM	S.P.	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	7224 R	10' 0.00"	400 Deg.	3000	10"	28"		3000	-0.645"	1650	8.000	24.000		825	-0.064	430 SS	ALONE	ALONE
											8.000	24.000		825	-0.064	Where Exposed		

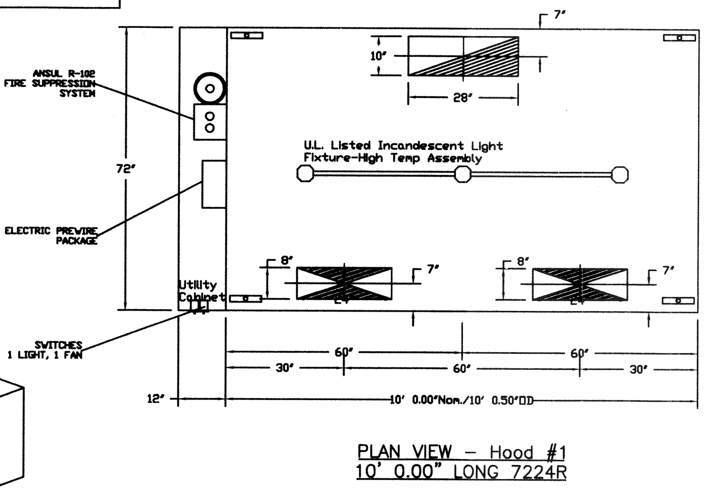
HOOD INFORMATION

HOOD NO.	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	LIGHT(S) QTY.	TYPE	WIRE GUARD	LOCATION	UTILITY CABINET(S) FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	LOCATION	FIRE SYSTEM PIPING	HOOD HANGING WGHT
1	Alum Baffle w/ Handles	6	16"	20"	3	Incandescent Light Fixt	NO	Left	Ansul R102	3.0	111110FP	1 Light 1 Fan	Outside	YES	583 LBS

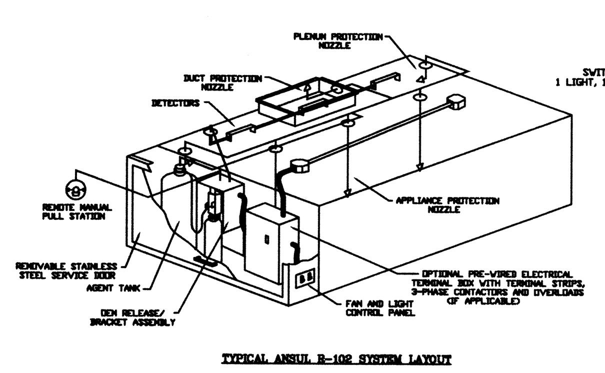
HOOD OPTIONS

HOOD NO.	OPTION
1	FINISHED BACK 120.00" Long

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH NFPA #96 NSF UL 710 & ULC710 STANDARDS E.T.L. LISTED 3054804-001



PLAN VIEW – Hood #1
10' 0.00" LONG 7224R



TYPICAL ANSUL R-102 SYSTEM LAYOUT

CAPTIVEAIRE

JOB	Papa Johns - FCL		
LOCATION			
DATE	12/6/2010	JOB #	1258864
DWG #	1	DRAWN BY	MJN
REV.		SCALE	1/32

EXHAUST FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	MODEL	TAG	CFM	S.P.	RPM	H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)
1	NRTP.A-A1-G10-NCA16FA	NCA16FA		3000	0.750	1009	1.000	1	115	14.0	484.94

HEATER/MUA FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	BLOWER	HOUSING	TAG	CFM	S.P.	RPM	H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)
1	NRTP.A-A1-G10-NCA16FA	G10	ALA		1650	0.500	737	0.500	1	115	8.0	484.94

FAN OPTIONS

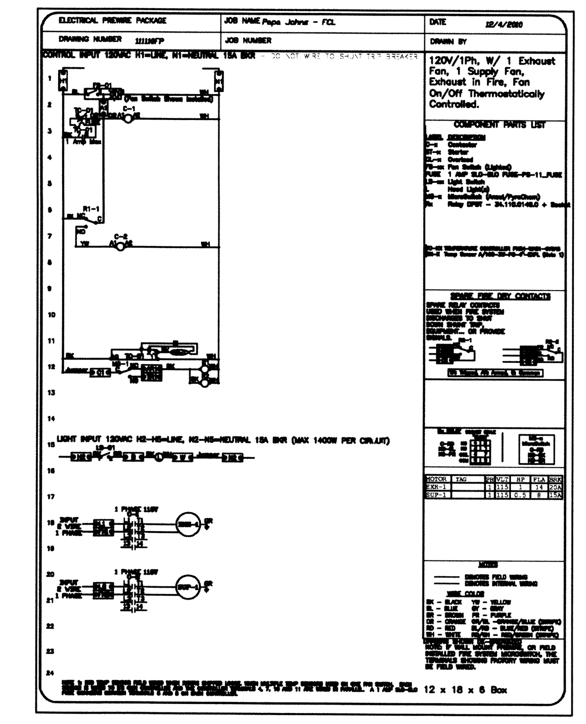
FAN UNIT NO.	OPTION (Qty. - Descr.)
1	1 - Grease Box

CURB ASSEMBLIES

NO.	ON FAN	ITEM	SIZE
1	# 1	Curb	21.000"W x 55.875"L x 20.000/20.000"H Vented
	# 1	Exhaust Adapter	From 18.000"sq To 26.500"sq x 9.000"H
	# 1	Rail	4.000"W x 4.000"L x 36.000"HAlong Width.

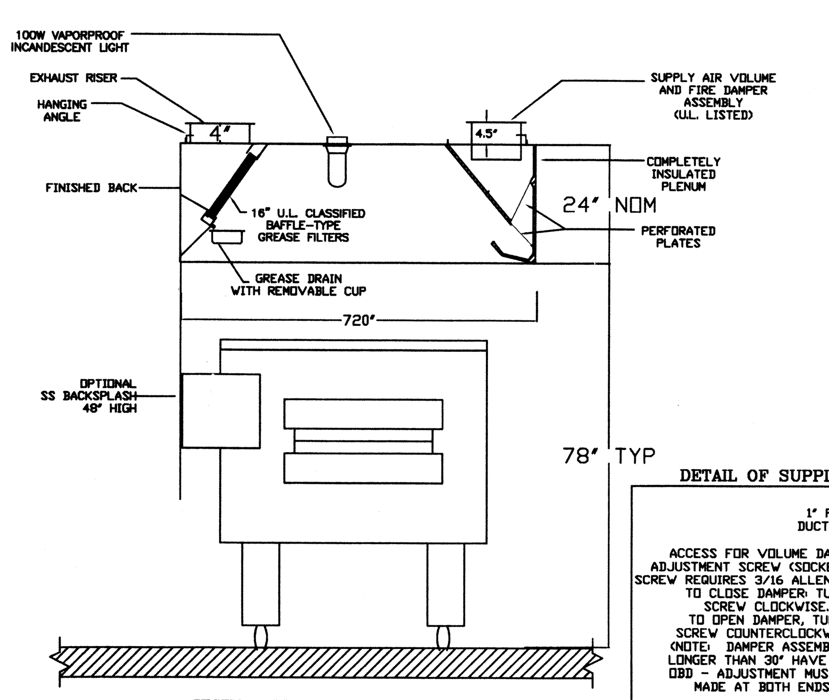
ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	SWITCHES LOCATION	QUANTITY	ROOFTOP STARTERS	OPTION	FANS CONTROLLED TYPE	#	H.P.	VOLT	FLA
1		111110FP	Utility Cabinet Left	Utility Cabinet Left	1 Light		Exhaust On In Fire, Fans On/Off Thermostatically Controlled	Exhaust	1	1.000	115	14.0
				Hood # 1	1 Fan			Supply	1	0.500	115	8.0

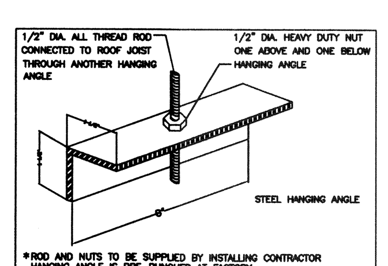


CAPTIVEAIRE

JOB	Papa Johns - FCL		
LOCATION			
DATE	12/6/2010	JOB #	1258864
DWG #	3	DRAWN BY	MJN
REV.		SCALE	1/32

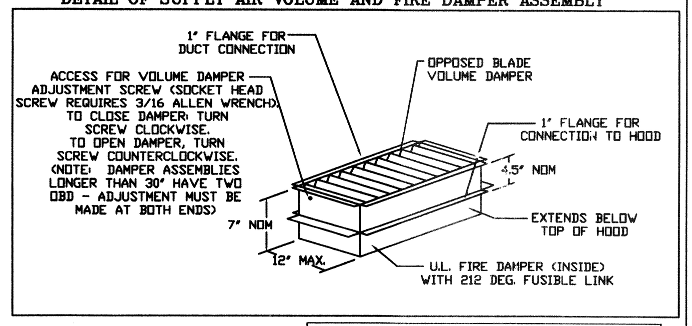


SECTION VIEW – MODEL 7224-R



HANGING ANGLE DETAIL

DETAIL OF SUPPLY AIR VOLUME AND FIRE DAMPER ASSEMBLY

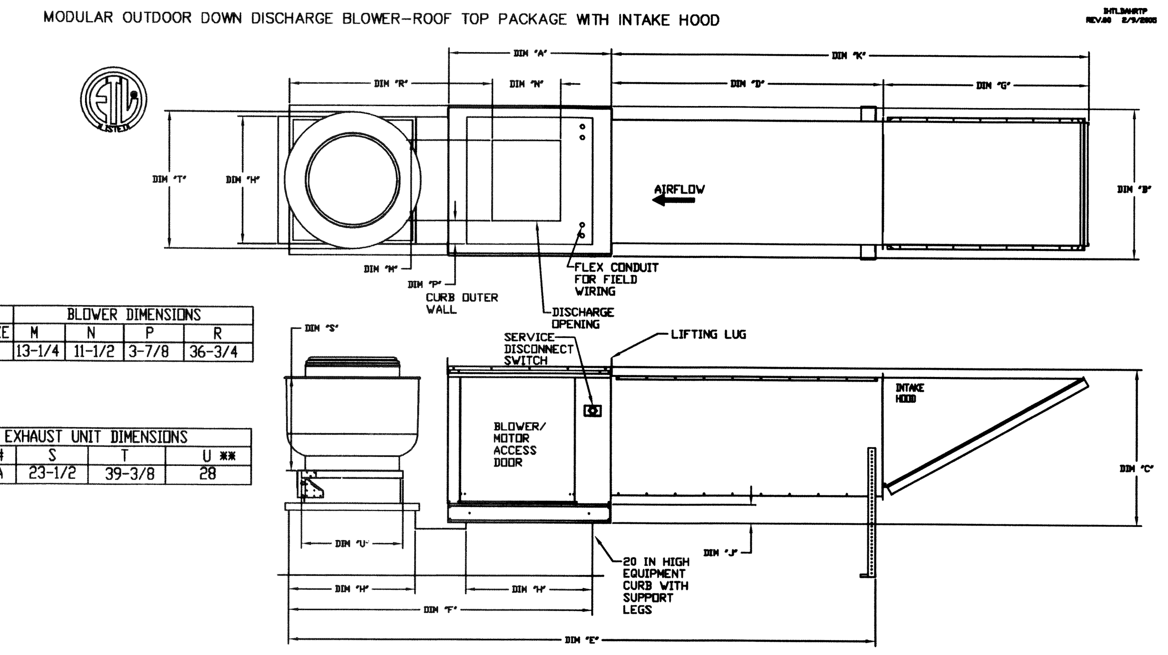


FOR QUESTIONS, CALL
CAPTIVE-AIRE COASTAL NC/SC OFFICE
MIKE NOWAK / CARLOS SNYDER
WILMINGTON, NC / COLUMBIA, SC
PHONE: (877) 256-7664 FAX: (919) 747-5614

CAPTIVEAIRE

JOB	Papa Johns - FCL		
LOCATION			
DATE	12/6/2010	JOB #	1258864
DWG #	2	DRAWN BY	MJN
REV.		SCALE	1/32

MODULAR OUTDOOR DOWN DISCHARGE BLOWER-ROOF TOP PACKAGE WITH INTAKE HOOD



BLOWER DIMENSIONS				
UNIT SIZE	M	N	P	R
10"	13-1/4	11-1/2	3-7/8	36-3/4

EXHAUST UNIT DIMENSIONS			
MODEL #	S	T	U **
NCA16FA	23-1/2	39-3/8	28

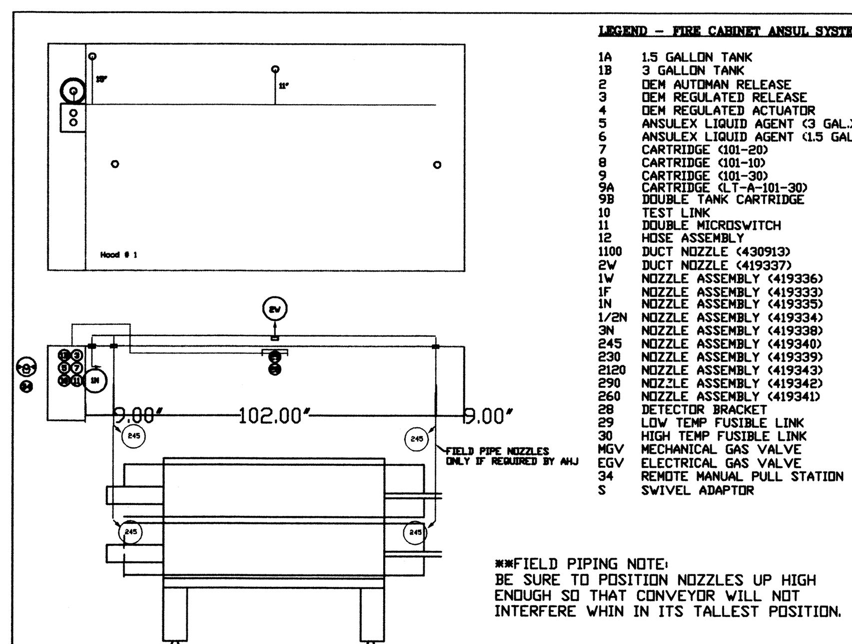
ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES

MODEL	WEIGHT	SUPPLY UNIT DIMENSIONS A	B	C	D	CURB AND RAIL DIMENSIONS E	F	G	H	J	K	UNIT INFORMATION FILTER SIZE & QTY	MIN CFM	MAX CFM	MAX. FILTER VELOCITY	BLOWER SIZE
G10	610 LBS	32-1/8	27-3/8	29-3/4	88	147-7/16	56	44-3/8	21	3-3/4	132-3/8	16"x20"x2" (3)	0	3500	@3500 CFM = 667 FPM	10 IN

ROOF OPENING 2" SMALLER THEN CURB DIMENSION

CAPTIVEAIRE

JOB	Papa Johns - FCL		
LOCATION			
DATE	12/6/2010	JOB #	1258864
DWG #	4	DRAWN BY	MJN
REV.		SCALE	1/32



LEGEND – FIRE CABINET ANSUL SYSTEM

1A 1.5 GALLON TANK
1B 3 GALLON TANK
2 OEM AUTOMAN RELEASE
3 OEM REGULATED RELEASE
4 OEM REGULATED ACTUATOR
5 ANSULEX LIQUID AGENT (3 GAL.)
6 ANSULEX LIQUID AGENT (1.5 GAL.)
7 CARTRIDGE (101-20)
8 CARTRIDGE (101-10)
9 CARTRIDGE (101-30)
9A CARTRIDGE (LT-A-101-30)
9B DOUBLE TANK CARTRIDGE
10 TEST LINK
11 DOUBLE MICROSWITCH
12 HOSE ASSEMBLY
1100 DUCT NOZZLE (430913)
2W DUCT NOZZLE (419337)
1W NOZZLE ASSEMBLY (419336)
1F NOZZLE ASSEMBLY (419333)
1N NOZZLE ASSEMBLY (419335)
1/2N NOZZLE ASSEMBLY (419334)
3N NOZZLE ASSEMBLY (419338)
245 NOZZLE ASSEMBLY (419340)
230 NOZZLE ASSEMBLY (419339)
2120 NOZZLE ASSEMBLY (419343)
290 NOZZLE ASSEMBLY (419342)
260 NOZZLE ASSEMBLY (419341)
28 DETECTOR BRACKET
29 LOW TEMP FUSIBLE LINK
30 HIGH TEMP FUSIBLE LINK
MGV MECHANICAL GAS VALVE
EGV ELECTRICAL GAS VALVE
34 REMOTE MANUAL PULL STATION
S SWIVEL ADAPTOR

**FIELD PIPING NOTE:
BE SURE TO POSITION NOZZLES UP HIGH ENOUGH SO THAT CONVEYOR WILL NOT INTERFERE WHIN IN ITS TALLEST POSITION.

INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE, TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOOKUP AND ONE VISIT FOR ONE TEST; ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES), ONE MECHANICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.
EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

NOTES
- FIELD PIPE DROPS AS SHOWN
  SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

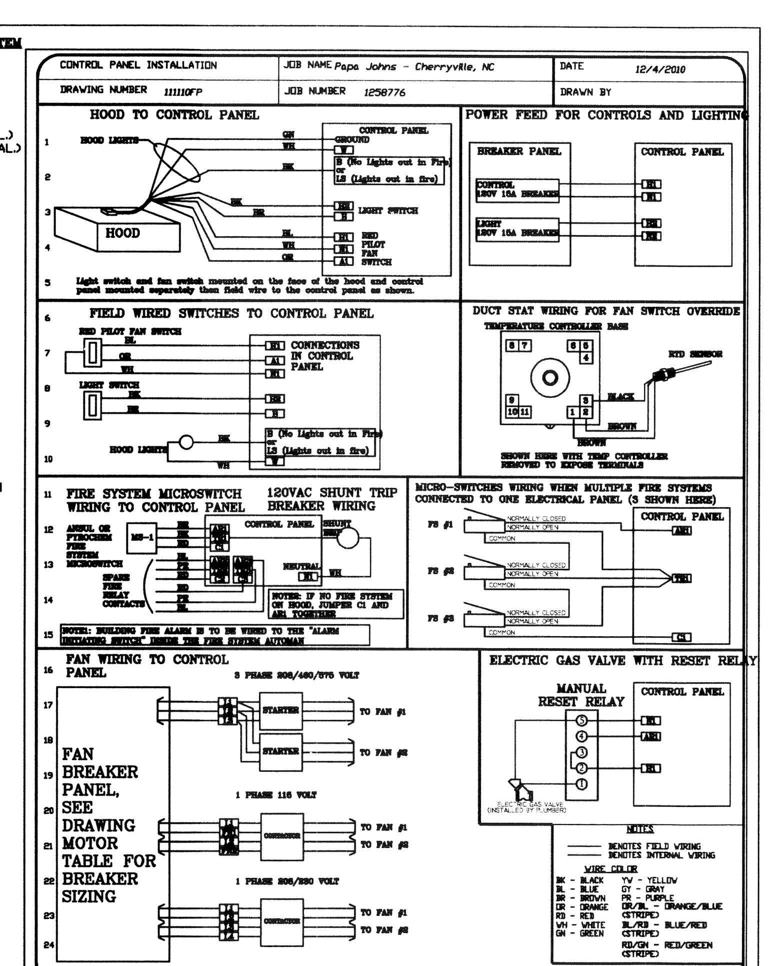
SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A 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 KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.



Fire System Information

FIRE SYSTEM NO.	TYPE	SIZE	FLOW POINTS	INSTALLATION SYSTEM	LOCATION ON HOOD
1	Ansul R102	3.0	3	Fire Cabinet Left	Left

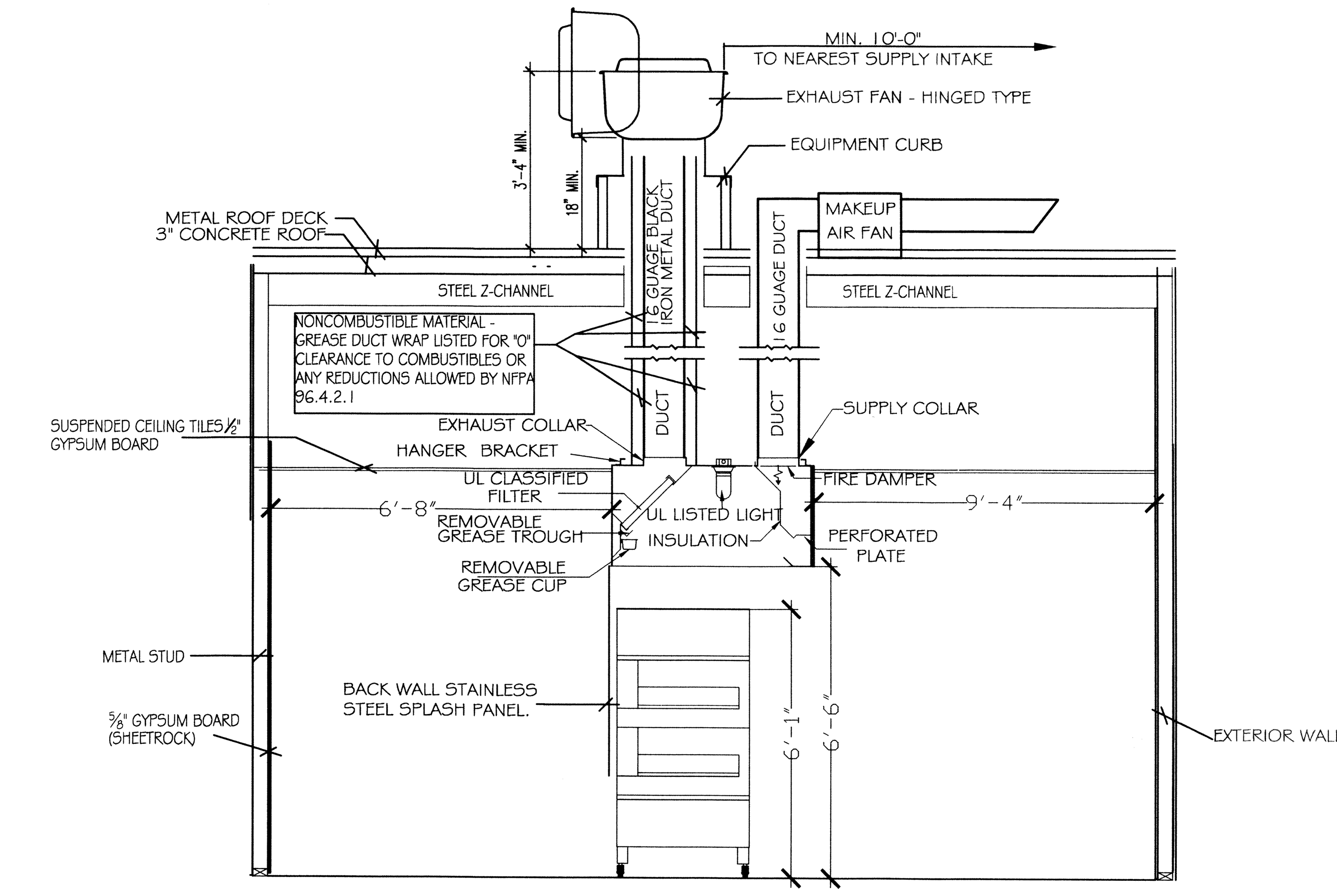
GAS VALVE(S)

FIRE SYSTEM NO.	TYPE	SIZE	SUPPLIED BY
1	Mechanical	2.000	Distributor

Drawn By:
System Size: ANSUL-3.0 Total FP required: 3 OR 11
Hood # 1 10' 0.00" Long x 72" Wide x 24" High
Riser # 1 Size: 10" x 28"

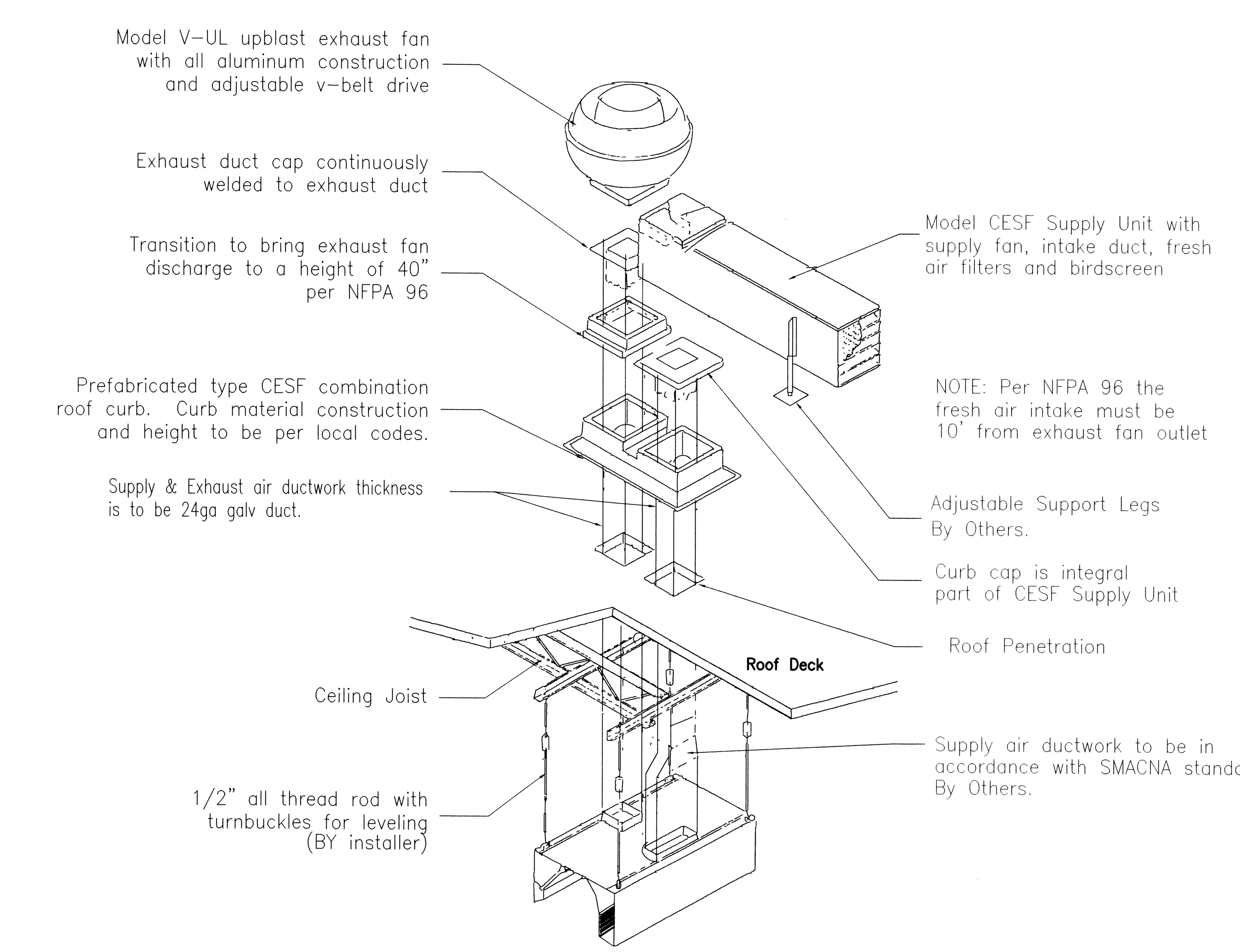
CAPTIVEAIRE

JOB	Papa Johns		
LOCATION	FC-Left		
DATE	12/6/2010	JOB #	1258864
DWG #	5	DRAWN BY	MJN
REV.		SCALE	1/48



TYPICAL PIZZA HOOD & DUCT INSTALLATION
W/CLEARANCE REDUCTION MATERIALS TO PROTECT COMBUSTIBLES

N.T.S



TYPICAL INSTALLATION
ACW WALL HOOD & CESF ROOF TOP PACKAGE

DAMMON
ENGINEERING, INC.
CHIEF ENGINEER
EMMETT
DAMMON, P.E.
CHIEF ARCHITECT
ROBERT
WILTSE
554 OLD SPANISH TRAIL
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950
WEBSITE:
WWW.DAMMONENGINEERING.COM
EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
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EXPERT WITNESS

PAPA JOHN'S
PIZZA
TENANT
BUILDOUT

3013 PONTCHARTRAIN DR.
SLIDELL
LOUISIANA
70458

APPROVED 8/18/11

HOOD
DETAILS

REV:
SCALE: AS NOTED
JOB#: 2119
DATE: 8/12/2011
SHEET 6

M-2

OF 10