

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-0001	Issue Date:	CBL: 063 C001001
------------------------------	--------------------	----------------------------

Location of Construction: 304 Brackett St Vaughn St Market	Owner Name: VAUGHAN STREET REALTY AS	Owner Address: 233 VAUGHAN ST	Phone:
Business Name:	Contractor Name: Henckel Design and Fabrication	Contractor Address: 134 Hartley Street Portland	Phone: 2073182623
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone: R-6

Past Use: Vaughn Street Market	Proposed Use: Vaughn Street Market - install a type one hood system per code	Permit Fee: \$70.00	Cost of Work: \$4,891.00	CEO District: 2
--	--	-------------------------------	------------------------------------	---------------------------

FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type:
---	--

EXPIRED

Proposed Project Description:
install a type one hood system per code

Signature:	Signature:
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	
Signature:	Date:

Permit Taken By: Idobson	Date Applied For: 12/31/2007	Zoning Approval
------------------------------------	--	------------------------

<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date:	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation 723 <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date:
---	---	---	--

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-0001	Date Applied For: 12/28/2007	CBL: 063 C001001
-----------------------	---------------------------------	---------------------

Location of Construction: 304 Brackett St Vaughn St Market	Owner Name: VAUGHAN STREET REALTY AS	Owner Address: 233 VAUGHAN ST	Phone:
Business Name:	Contractor Name: Henckel Design and Fabrication	Contractor Address: 134 Hartley Street Portland	Phone (207) 318-2623
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	

Proposed Use: Vaughn Street Market - install a type one hood system per code	Proposed Project Description: install a type one hood system per code
---	--

Dept: Zoning Note:	Status:	Reviewer: Ann Machado	Approval Date: Ok to Issue: <input type="checkbox"/>
Dept: Building Note:	Status: Pending	Reviewer:	Approval Date: Ok to Issue: <input type="checkbox"/>

Comments: 12/2/2008-amachado: Under section 105.3.2 of the 2003 IBC Code, "an application for a permit for any proposed work shall be deemed to have been abandoned 180 days after date of filing , unless such application has been pursued in good faith...". Pete Henckle has not provided us with a plot plan although we have left several voicemails, so the permit has expired. 1/2/2008-amachado: Need plot plan showing where property line is. Exhaust system can't encroach on neighbor's proeprty line. Jeanie has call in to Pete Henckle about this. 9/5/2008-amachado: Had left message for Pete Henckel on 5/16/08 asking him for the plot plan again and wondering if the permit was stilll being pursued. Called again today for the final time to see if permit is still being purseud.
--

EXPIRED



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>229 Vaughn St Market</u>		
Total Square Footage of Proposed Structure/Area		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>63</u> Block# <u>C</u> Lot# <u>9</u>	Applicant *must Name Address City, State & Zip	
Lessee/DBA (If Applicable)	Owner (if different) Name Address City, State & Zip	
Current legal use (i.e. single family) <u>Market</u> If vacant, what was the previous use? <u>No Market</u> Proposed Specific use: <u>Sandwich Shop</u> Is property part of a subdivision? <u>No</u> If yes, describe: Project description: <u>install a type one Hood system per code</u>		
Contractor's name: <u>Henckel Design + Fab</u> Address: <u>134 Hatley St</u> City, State & Zip: <u>Portland Me 04103</u> Telephone: <u>207-318-2623</u> Who should we contact when the permit is ready: <u>Pete Henckel</u> Telephone: <u>207 318-2623</u> Mailing address: <u>Same as above.</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of the application.

In order to be sure the City fully understands the full scope of the project, you may request additional information prior to the issuance of a permit. For more information on this form and other applications visit the Inspections Division on-line at www.portland.gov/inspections or visit the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that I have been authorized by the owner to make this application as his/her authorized representative shall have the authority to enter all areas covered by the provisions of the codes applicable to this permit.

Signature: [Signature] Date:
This is not a permit; you may not commence work until you receive a permit.

Concerned Neighbor
Alec - Sabina 12/21
63-C-2 302 Brackett
650-0846
Vaughan Street
Variety
HTS driveway abuts the
Store



Henckel Design and Fabrication

134 Hartley Street
Portland, Maine
04103

Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: petehenckel@maine.rr.com

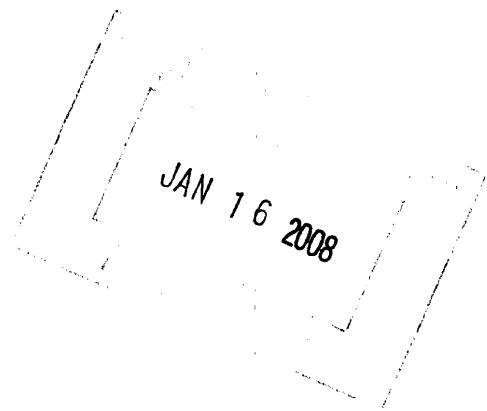
Subject; Vaughn St Market
Attn; City of Portland
From; Pete Henckel
To; Jeanie Bourke

The ductwork to be installed at the exterior of the building will be continuously welded and a minimum of 18" from the building unless approval of a separate zero clearance option is approved.

The exhaust fan will terminate 43" above the roofline per code.

Zero clearance insulation will be used whenever the welded ducting comes within 18" of a combustible per code.

The ducting will be supported using 1 5/8" unistrut wall brackets.



•Restaurant Hoods•Boiler Breaching•HVAC Design•Curb Adapters and Unit Installations•
•Welded Ducting•Custom Welding Fabrication•



$1\frac{5}{8}$ UNISPOUT wall anchors

18" From The wall
To the Ductwork.

10"X10" NEW DUCTING

FAN TERMINATES 43" ABOVE THE ROOFLINE



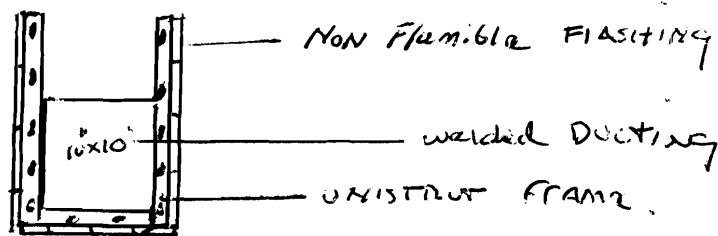
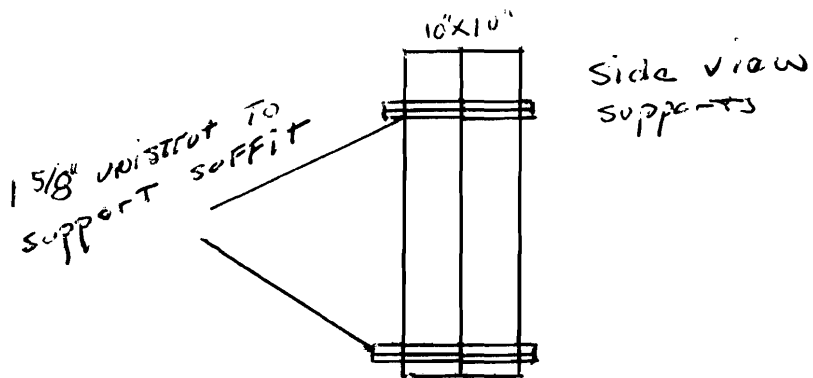
Henckel Design and Fabrication

134 Hartley Street
Portland, Maine
04103

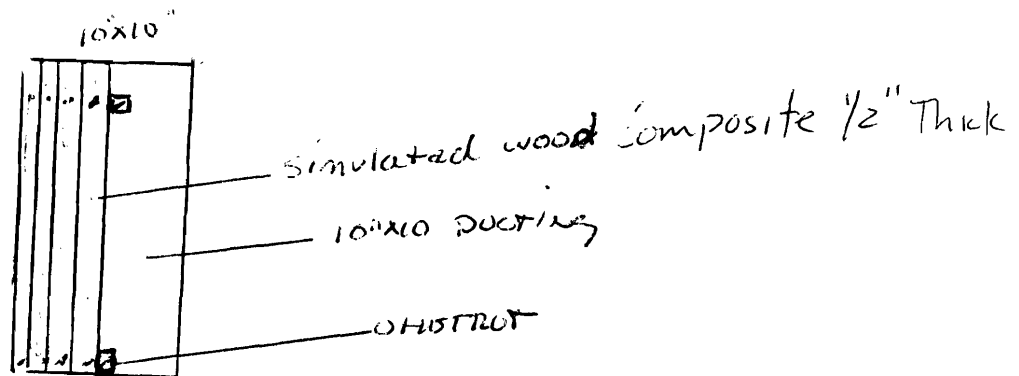
Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: petehenckel@maine.rr.com



TOP VIEW



- Restaurant Hoods•Boiler Breaching•HVAC Design•Curb Adapters and Unit Installations•
- Welded Ducting•Custom Welding Fabrication•



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Lee Urban - Director of Planning and Development
Jeanie Bourke - Inspection Division Services Director

Kitchen Exhaust System Checklist and code Provisions

Dear Applicant,

The following is a checklist to assist you in filing for a permit for a Kitchen Exhaust system. The applicable Mechanical Code provisions have also been attached. Please complete this and submit job specific construction documents that demonstrate compliance with the attached information.

Type of System:

Type I ✓ Type II _____

Type I systems are systems that vent fryers, grills, broilers, ovens or woks.

Type II systems are systems that vent steamers and other non grease producing appliances.

Type of Materials:

Is the hood Stainless steel or other type of steel? yes If Other, what Type? Captive air Type I

Is the duct work Stainless steel or other type of steel? No If Other, what type? 16 Ga all welded Black iron

Thickness of the steel for the hood 18 Ga Stainless Steel

Thickness of the duct for the hood 16 Ga

Type of Hood and Duct Supports

Type I 1 5/8" UNISTANT wall Brackets

Type of seams and Joints All welded,

Grease Gutters provided? yes

Hood Clearance reduction to Combustibles design /specs:

yes 150 Fire Barrier @ Zero Clearance.

Duct Clearance reduction to Combustibles design /specs:

18" min

Vibration Isolation System:

yes

Air Velocity within the duct system 1500 FPM.

Grease accumulation prevention system:

yes

Cleanouts yes

Grease Duct enclosure exterior ducting

Exhaust Termination Roof 43" Wall _____

Fire Suppression System yes.

Exhaust fan mounting and clearance from the roof / wall or Combustibles:

43" above the roofline

Exhaust fan distance from other vents or openings 10' min

Exhaust fan distance from adjacent buildings 20'

Exhaust fan height above adjoining grade 24'

Hood Specs

Style of Hood Type one.

Type of Filter Aluminum Grease Baffle

Height of filter above nearest cooking surface No More than 43"

Capacity of hood CFM 1950 CFM.

Make up Air system description and capacity

Gravity Fed.



Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: petehenckel@maine.rr.com

Chris here is the quote for the work at your Vaughn St property if after you read this you should have any questions please feel free to call at any time.

The area where the new exhaust hood is to be installed must be brought up to code below you will find the scope of work that must be done to make the site 2003NFPA compliant.

- #1. The sink and cabinets in the area where the new hood is to be installed will be removed.
- #2. The ceiling tiles in the kitchen will be removed and replaced with a fire rated 5/8" sheet rock tiles.
- #3. A steel studded walls will be put in place wherever the hood comes within 18" per code.
- #4. Once inspected by the city of Portland 5/8" fire rated sheet rock will be installed over the steel studs.
- #5. 24 GA stainless steel will be installed over the 5/8" sheet rock.
- #6. One NFPA compliant exhaust hood will be installed per code.
- #7. 16 GA continuously welded duct will be installed from the hood to a termination point that is code compliant.
- #8. 15A Fire Barrier insulation will be installed on the ducting when zero clearance codes require it.

The total quote for the work listed above is \$4891.00 a deposit of 60% is required with the balance paid upon the completion of the work listed above this quote includes a permit to be applied for on your behalf as well as basic site drawing for the city's planning office. This quote includes no electrical work the fire suppression systems up grade are also excluded.

Quote amount \$4891.00

Deposit amount \$2934.60

Balance due \$1956.40



Henckel Design and Fabrication

134 Hartley Street
Portland, Maine
04103

Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: petehenckel@maine.rr.com

Site location Vaughn St Market

Subject NFPA compliant installation of type one exhaust hood

The area directly above the hood will have 24Ga panel installed containing 15A Fire Barrier insulation for zero clearance to combustibles a sample of this panel is provided. The hanging structure to support the hood are 2"x6" with a span of ten feet the hood is self has a weight of 202LBS anchored at four points by 3/8" threaded rod with a UL Rated Sammy Anchoring system. The hood will also be anchored to the steel stud wall. The scope of work is provided in the quote.

•Restaurant Hoods•Boiler Breaching•HVAC Design•Curb Adapters and Unit Installations•
•Welded Ducting•Custom Welding Fabrication•

OOD INFORMATION

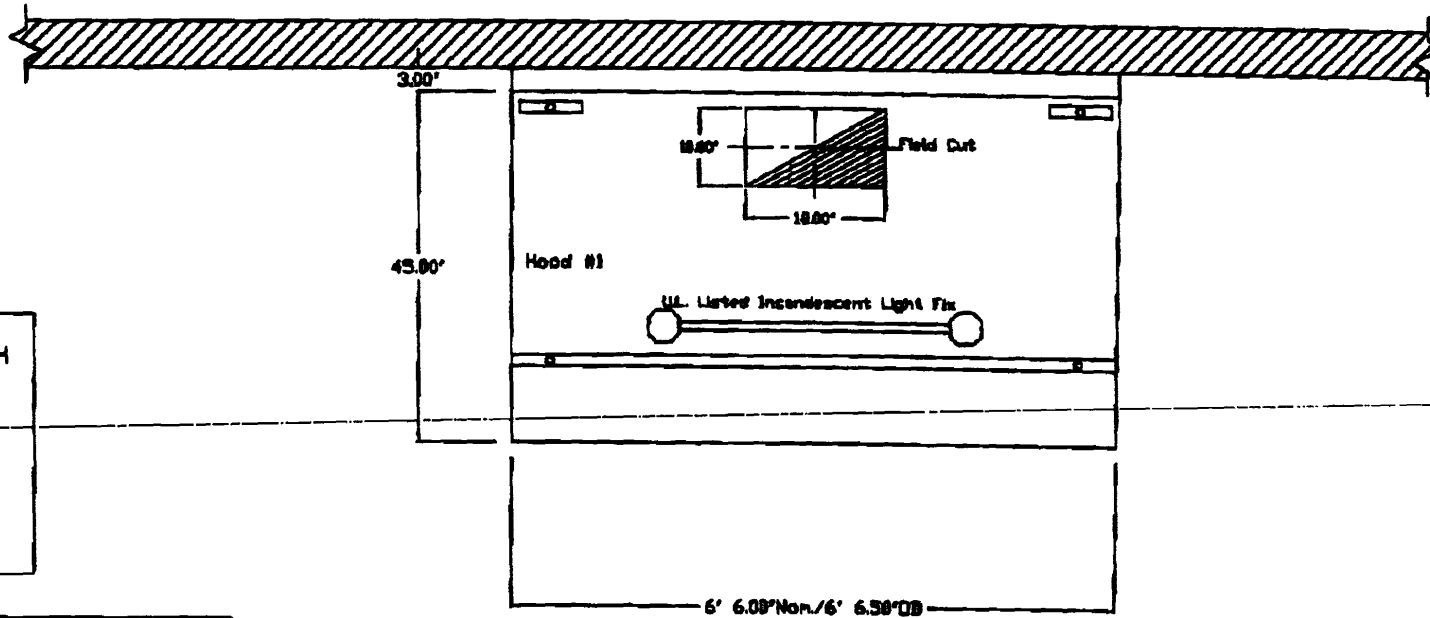
JOB ID.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM					SUPPLY PLENUM					HOOD CONSTRUCTION	HOOD CONFIG.		
				TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	TOTAL SUP. CFM	WIDTH	LENG.	DIA.		CFM	S.P.	END TO END
1	456 SMDa	6' 6.00' Non. 6' 6.50' DB	380 Deg.	1950	10'	18"		1950	-0.582	0					430 SS 100%	ALONE	N/A

OOD INFORMATION

JOB ID.	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD WEIGHT			
	TYPE	QTY	HEIGHT	LENGTH	QTY	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM TYPE	SIZE			ELECTRICAL MODEL #	SWITCHES QUANTITY	LOCATION
1	Alum. Baffle w/ Handles	1 3	16" 16"	16" 20"	2	Incandescent Light Fix	NO							NO	202 LBS.

OOD OPTIONS

JOB ID.	OPTION
1	BACK STANDOFF 3' Wide



CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

NSF
NFPA #96
NSF

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted

Approved with NO Exception Taken

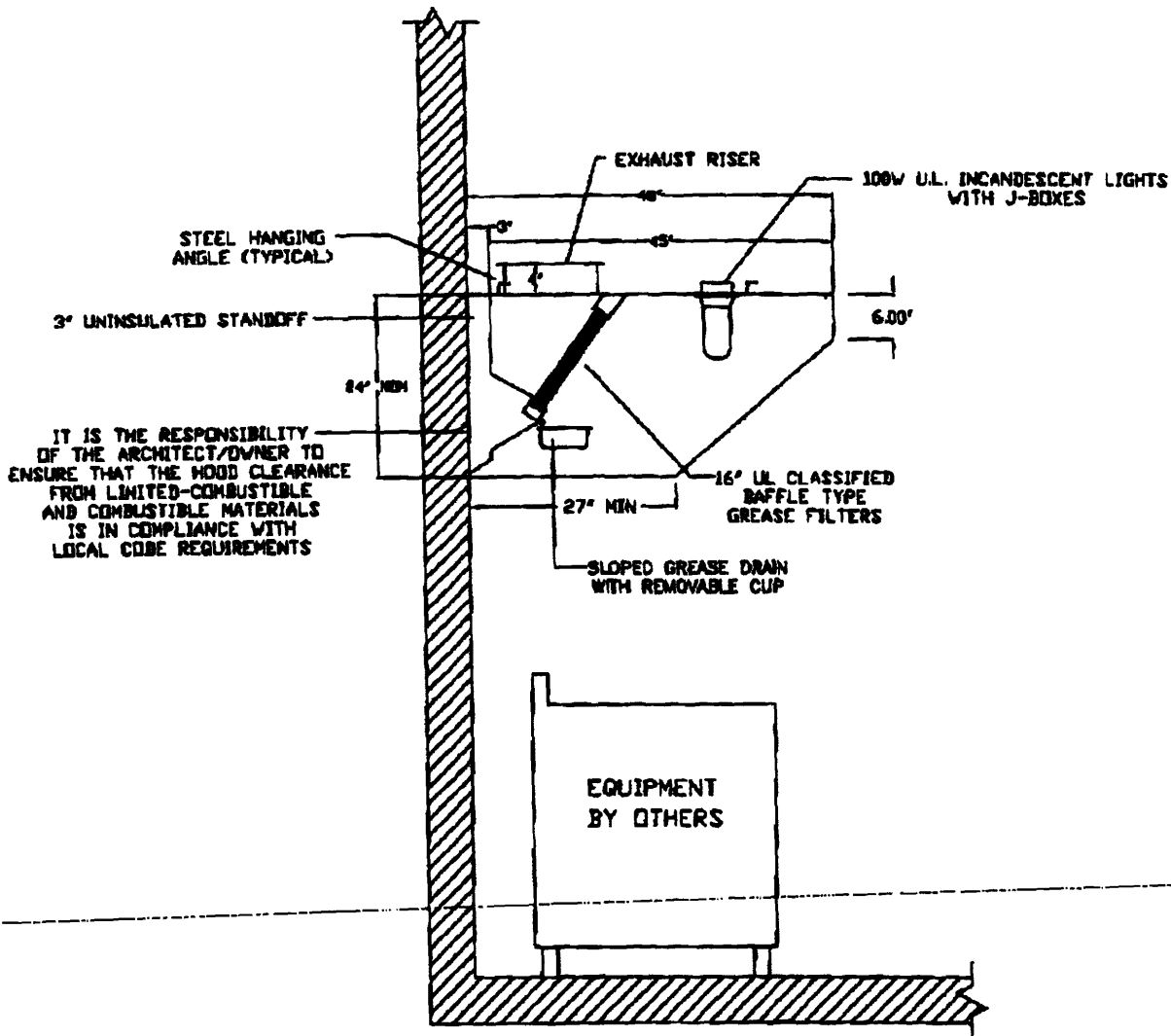
Revise and Requote

SIGNATURE: *[Signature]*

Your Title _____ Date _____



JOB Vaughn St. Variety	
LOCATION	
DATE 12/11/2007	JOB # 697310
DWG # VaughnSt	DRAWN BY REC



IT IS THE RESPONSIBILITY OF THE ARCHITECT/DOWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS

SECTION VIEW - MODEL 466-SNDa

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted
 Approved with MD Exception Taken
 Revised and Resubmitted
 SIGNATURE: *[Signature]*
 our Title: _____ Date: _____



JOB Vaughn St. Variety	
LOCATION	
DATE 12/11/2007	JOB # 697310
DWG # VaughnSt	DRAWN BY REF

1000007107
 1000007107
 1000007107

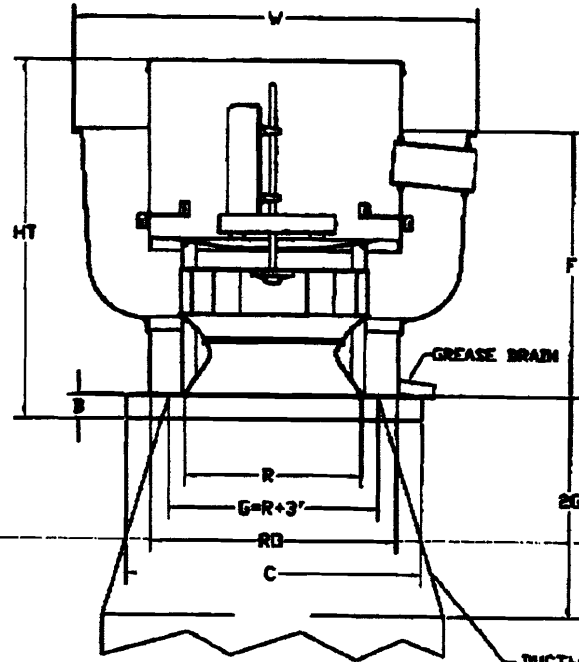
IN INFORMATION

UNIT	FAN UNIT MODEL #	EXHAUST FAN								SUPPLY FAN										
		MODEL	TAG	CFM	S.P.	RPM	H.P.	#	VOLT	FLA	BLOWER	HOUSING	TAG	CFM	S.P.	RPM	H.P.	#	VOLT	FLA
	NCA16HPFA	NCA16HPFA		1950	- 1500"	1223	1.000	1	115	14.0										

IN OPTIONS

QTY.	OPTION (Qty. - Descr.)
1	Grease Box
1	Hinge Kit - Ships Loose for Curb Supplied by Others

NCAHPFA SERIES UPBLAST EXHAUST FANS (UL762)



FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- 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
- HINGED FAN

NCAHPFA BELT DRIVE CENTRIFUGAL UP-BLAST EXHAUST FANS DIMENSIONAL DATA

FAN MODEL	HT	V	B	C	F	R	RD	WEIGHT LB
NCA16HPFA	33 3/4	39 3/8	2	28	23 1/2	16 1/2	24	190

DUCTWORK BETWEEN EXHAUST RISER ON HOOD AND FAN (BY OTHERS)

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted

Approved with NO Exception Taken

Revise and Resubmit

SIGNATURE [Signature]

Your Title _____ Date _____



JOB Vaughn St. Variety

LOCATION _____

DATE 12/11/2007

JOB # 697310

DWG # VaughnSt

DRAWN BY BFC