

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

## BUILDING INSPECTION

### PERMIT

Permit Number: 061198

Please Read  
Application And  
Notes, If Any,  
Attached

This is to certify that PORTLAND STAGE COMPANY / Henckel Design and Fabrication

has permission to install hood system connected to permit

AT 25 FOREST AVE

037 A02200

provided that the person or persons who accept this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and the application on file in this department.

PERMIT ISSUED  
SEP 26 2006  
CITY OF PORTLAND

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procedure is complete this building or part thereof is closed or otherwise closed-in. 4 HOUR NOTICE REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

#### OTHER REQUIRED APPROVALS

Fire Dept. \_\_\_\_\_

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_  
Department Name

*Jeanie Burke* 9/28/06  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

# City of Portland, Maine - Building or Use Permit Application

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

Permit No: 06-1198	Issue Date: <b>PERMIT ISSUED</b>	CBL: 037 A022001
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Location of Construction: 25 FOREST AVE	Owner Name: PORTLAND STAGE COMPANY	Owner Address: PO BOX 1458 SEP 2 11 00	Phone:
Business Name:	Contractor Name: Henckel Design and Fabrication	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone: B3C

Past Use: Commercial/	Proposed Use: Commercial/ install hood system connected w/ permit#061171 <i>Bakery/Cafe</i>	Permit Fee: \$100.00	Cost of Work \$7,398.00	CEO District: 1
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>to NFPA 96</i>	INSPECTION: Use Group: <i>B</i> Type: <i>TYP# 1 COMM. Hood</i>	

Proposed Project Description: install hood system connected w/ permit#061171	Signature: <i>Greg Cass</i>	Signature: <i>AMB 9/28/06</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: Idobson	Date Applied For: 08/14/2006	<b>Zoning Approval</b>
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <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"/> <i>OK</i> Date: <i>9/19/06</i> <i>ABU</i>	<b>Zoning Appeal</b> <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 late: _____	<b>Historic Preservation</b> <i>yes - landmark</i> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>10/2/06</i> <i>SETH</i>
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## 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

<b>Permit No:</b> 06-1 198	<b>Date Applied For:</b> 08/14/2006	<b>CBL:</b> 037 A022001
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<b>Location of Construction:</b> 25 FOREST AVE	<b>Owner Name:</b> PORTLAND STAGE COMPANY	<b>Owner Address:</b> PO BOX 1458	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Henckel Design and Fabrication	<b>Contractor Address:</b> 134 Hartley Street Portland	<b>Phone</b> (207) 3 18-2623
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Hood Systems, Commerical	
<b>Proposed Use:</b> Commercial/ install hood system connected w/ permit#061171		<b>Proposed Project Description:</b> install hood system connected w/ permit#061 171	

**Dept:** Historical      **Status:** Approved      **Reviewer:** Scott Hanson      **Approval Date:** 09/25/2006  
**Note:**      **Ok to Issue:**

**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 09/19/2006  
**Note:**      **Ok to Issue:**

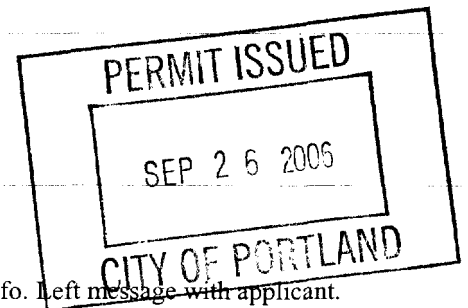
- 1) This permit is being approved on the basis of plans submrtted. Any deviations shall require a separate approval before starting that work.
- 2) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Jeanine Bourke      **Approval Date:** 09/28/2006  
**Note:**      **Ok to Issue:**

- 1) Equipment must be installed in compliance with the manufacturer's specifications
- 2) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Cptn Greg Cass      **Approval Date:** 08/15/2006  
**Note:**      **Ok to Issue:**

- 1) Install shall comply with NFPA 96.  
A certification letter shall be required

**Comments:**

08/24/2006-ldobson: Brought in additional infor and placed in MJN basket

08/24/2006-mjn: The clearance fromt he ceiling does not meet code, Plans still lack structural info. Left message with applicant.

09/25/2006-gad: Historical approval given by Scott on 9-25-06, permit returned to Inspechons on 9-25-06.

09/26/2006-jmb: Spoke to Pete H., he will fax a section detail on the hood installation. Due to ceiling height restrictions, the hood will be 1-1/2" lower than code, will achieve 6'-8".

09/28/2006-jmb: received fax showing section detail of the hood attachment, "0" clearance and exhaust termination, ok to issue.

08/17/2006-mjn: Need complete job specific plans and complete checklist, left message with the designer

**City of Portland, Maine • Building or Use Permit**

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

<b>Permit No:</b> 06-1198	<b>Date Applied For:</b> 08/14/2006	<b>CBL:</b> 037 A022001
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<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Hood Systems, Commerical	

<b>Proposed Use:</b> Commercial/ install hood system connected w/ permit#061171	<b>Proposed Project Description:</b> install hood system connected w/ permit#061171
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<b>Dept:</b> Building	<b>Status:</b> Pending	<b>Reviewer:</b> Mike Nugent	<b>Approval Date:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>
<b>Note:</b>				
<b>Dept:</b> Fire	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Cptn Greg Cass	<b>Approval Date:</b> 08/15/2006	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
<b>Note:</b>				
1) Install shall comply with NFPA 96. A certification letter shall be required				

**Comments:**

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# PORTLAND MAINE

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

Lee Urban- Director of Planning and Development  
Michael J. Nugent- Inspection Division 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 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? Stainless If Other, what Type? \_\_\_\_\_

Is the duct work Stainless steel or other type of steel? 16 Ga Black IRON If Other, what type? \_\_\_\_\_

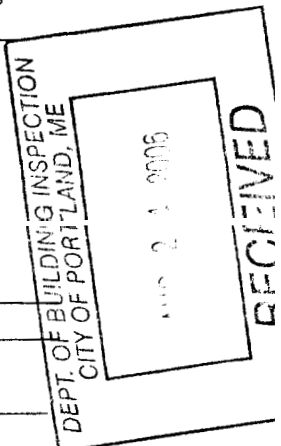
Thickness of the steel for the hood 16 Ga

Thickness of the duct for the hood 16 Ga

Type of Hood and Duct supports

Type I 3/8 Thread Rod Attached to 1 1/2" UNISTRUT 3/8" Bolts.

Type of seams and Joints All welded



Grease Gutters provided? yes

Hood Clearance from Combustibles materials Fire Barrier if closer than 18"

Duct Clearance from Combustibles materials Brick wall.  $\emptyset$  clearance.

~~Vibration Isolation System:~~

yes @ Fan location

Air Velocity within the duct system 800 FPM @ 1500 CFM  $\frac{1}{2}$ " sp.

Grease accumulation prevention system

Cleanouts yes at the exterior duct

Grease Duct enclosure weld 16 Ga

Exhaust Termination 10' from windows or intake Air Systems

Fire Suppression

system yes Simplex Gemini

Exhaust fan mounting and clearance from the roof or wall wall mount to code Required distance

Exhaust fan distance from other vents or openings 10' minimum

Exhaust fan height above adjoining grade wall mount

Hood Specs

Style of hood Type I stainless steel

Type of Filter: Grease Baffles

Height of filter above nearest cooking surface: 33" min 48" Max

Capacity of hood in CFM 1500 CFM

Make up Air system description and capacity

Gravity Fed. with Back draft DAMPERS and exterior Louvers.



Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: [petehenckel@maine.rr.com](mailto:petehenckel@maine.rr.com)

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August 14, 2006

George Gilfoil,

Property site #27 Forest Ave Portland Me 04103

The scope of work provided below **will** not include any electrical work only the items listed will be provided by H/D/F if after you read this you should have any questions please call at any time and thank you.

- #1 a seven foot by eight foot steel studded wall will be installed.
- #2 after the code **offices** inspection of said wall 5/8" fire rate sheet rock will be installed.
- #3 stainless steel will then be applied to the sheet rock as a back splash.
- #4 one 7 foot by four foot custom hood will be installed to meet your code requirements.
- #5 16 gauge black iron duct work will be **run** from the new hood to the exterior of the building Once outside a galvanized metal will be used to resist damage from the elements.
- #6 make up air will be brought back into the kitchen with a gravity feed system.
- #7 an ansul system will then be installed by Simplex Grinnell which is included in this quote.
- #8 once the job is approved by you and a 50% deposit is acquired a permit will be pulled by H/D/F which is also included in this quote.
- #9 upon completion of the job to excluded the Simplex Grinnell quote which you will pay To them upon completion of their scope of work the remaining balance will be paid to H/D/F.

Total amount of the quote is \$7398.22

Thank you for the chance to earn your business.







August 11, 2006

Inspections Division  
Planning and Development Department  
Portland City Hall  
389 Congress St.  
Portland, ME 04101

To Whom It May Concern:

Portland Stage Company owns the building at 21-31 Forest Avenue. George Gilfoil, dba geo's patisserie & café, has our permission to add an oven vent to the back of our building. We have a signed lease agreement for that space and have agreed to its conversion to a bakery.

If you need any additional information from us concerning this project, I may be reached during business hours at the address and phone number below, Ext. 102.

Sincerely,

Camilla J. Barrantes  
Managing Director

---

25A Forest Avenue PO Box 1458 Portland, Maine 04104  
phone 207.774.1043 fax 207.774.0576 box office 207.774.0465  
info@portlandstage.com www.portlandstage.com



Phone: 1-207-318-2623  
Fax: 1-207-772-8952  
E-mail: [petehenckel@maine.rr.com](mailto:petehenckel@maine.rr.com)

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August 14, 2006

Mike Nugent  
Planning and Development Department  
City of Portland

#27 Forest Ave Geo's Patisserie

The hanging surface at the restaurant is 2"x10" set at 16" on center with a ceiling elevation 7' 2".

With such a low ceiling a custom hood will be fabricated to keep the front of the hood at a 6'8" elevation with the back of the hood at 24" to maintain a 30 degree pitch of filters for code.

3/8" threaded rod will be used to hang the hood with a load rating of 1200LBS.

Where the hood will be so close to the ceiling a fire rated insulation will be installed for Zero clearance.

A 2"x4" steel stud wall will be installed than covered with a 5/8" fire rated sheet rock And than covered with 22 gauge stainless steel.

The rear of the hood where it comes in contact with the wall will have a 3" stand off.

The exhaust duct will be 16 gauge welded construction and will terminate at a point that is 10' away from any window opening and any intake systems as well as any other HVAC unit at the termination point.

A letter from the land lord has been included in the file giving permission to attach the duct To the exterior of the building as well as the hood installation.

The hood is a 7'x4' stainless steel construction with a weight of 173LBS.

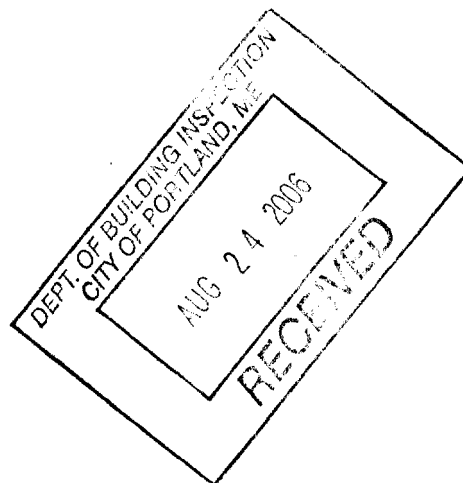
- Restaurant Hoods • Boiler Breaching • HVAC Design • Curb Adapters and Unit Installations •
- Welded Ducting • Custom Welding Fabrication •





August 11, 2006

Inspections Division  
Planning and Development Department  
Portland City Hall  
389 Congress St.  
Portland, ME 04101



To Whom It May Concern:

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Sincerely,

Camilla J. Barrantes  
Managing Director

37982

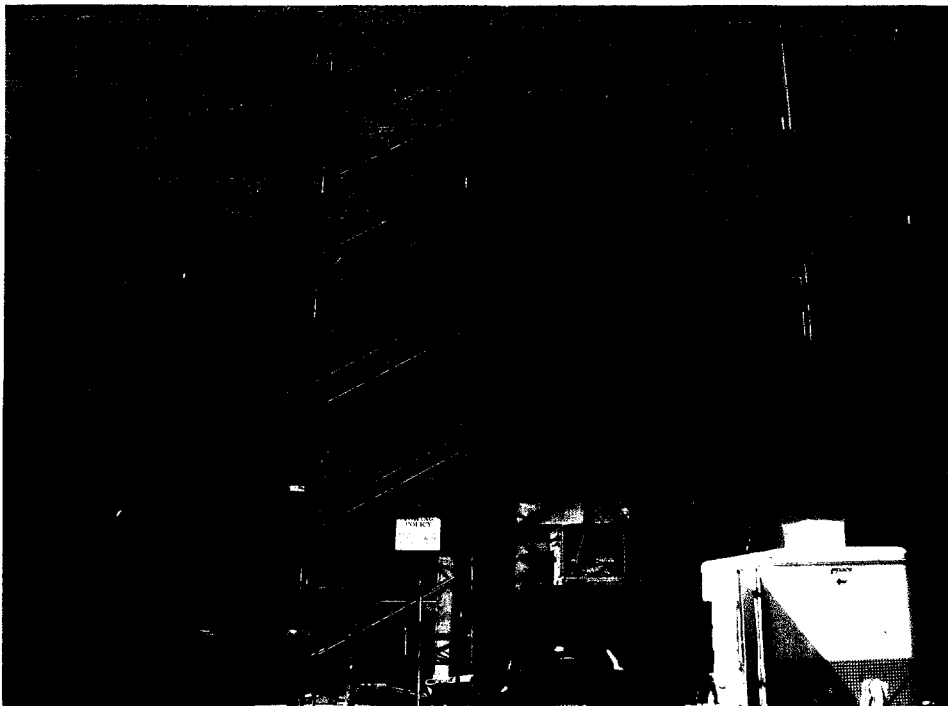
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25A Forest Avenue PO Box 1458 Portland, Maine 04104  
phone 207.774.1043 fax 207.774.0576 box office 207.774.0465  
info@portlandstage.com www.portlandstage.com

# 27 Forest AVE



HAMMER  
PIN Anchors  
will be used  
to attach  
the ductwork



TERM  
POINT

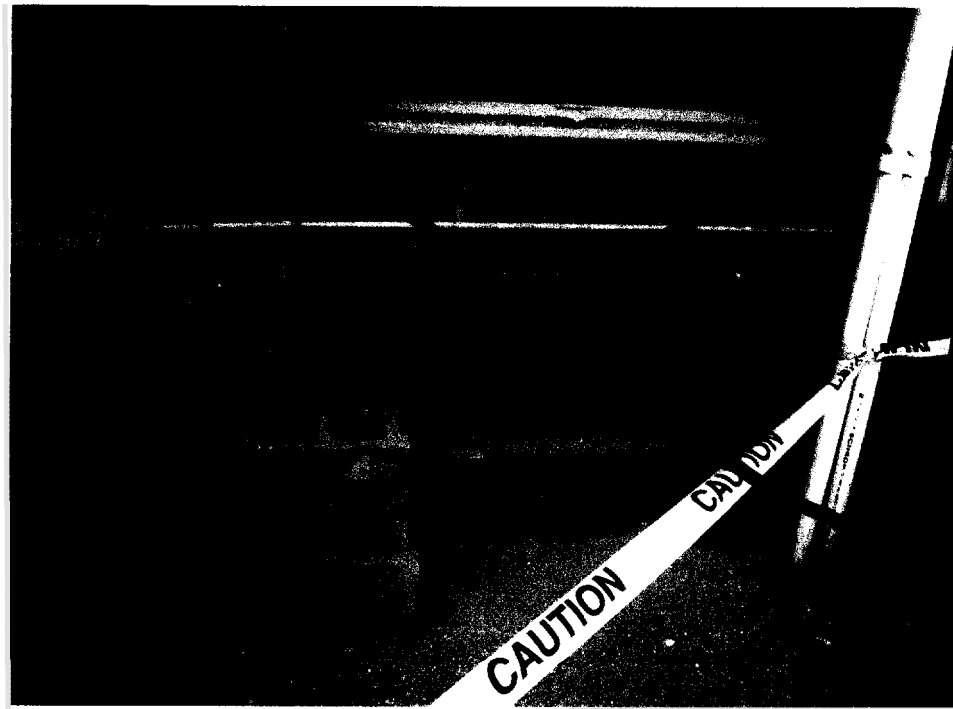
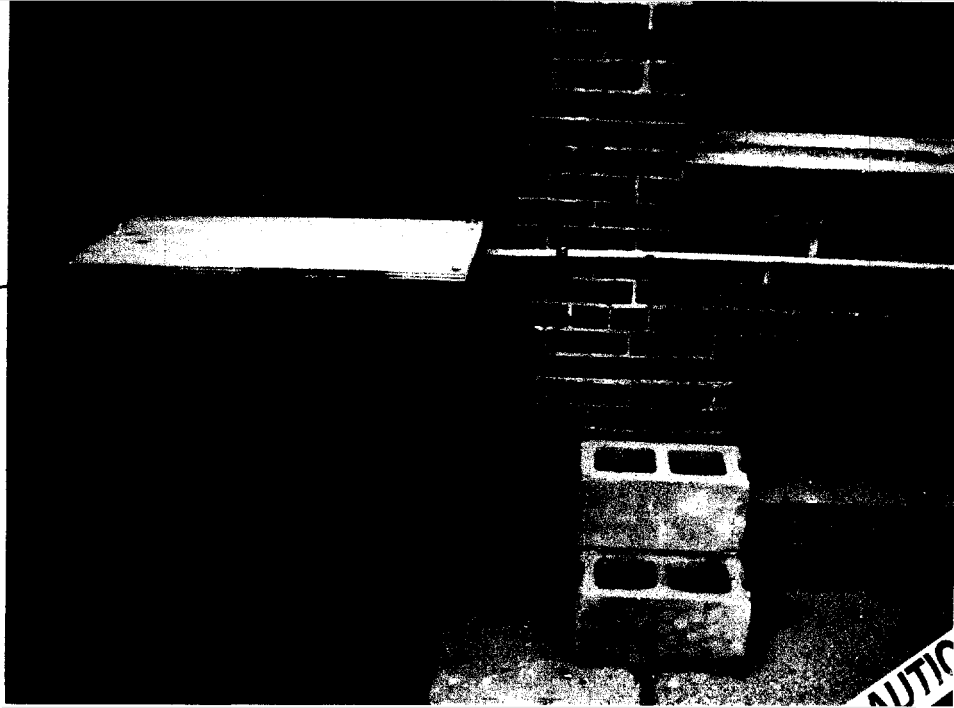
12' each  
side

37 E-22

APR 24 2008

# #27 FOREST AVE

36" x 12"  
opening

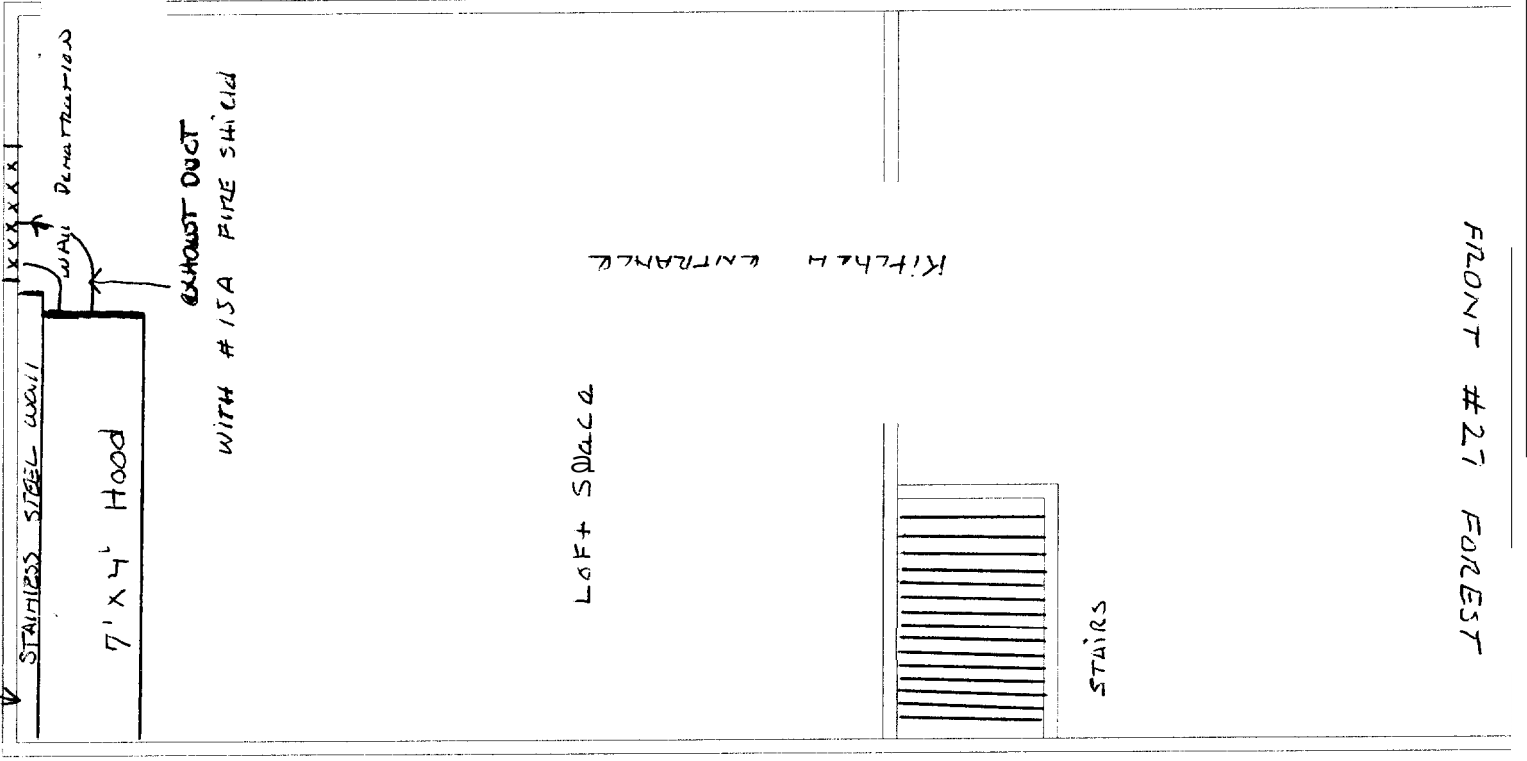


37 F 22



MAKE UP AIR INTAKE

STAND OFF WQUI



FRONT #27 FOREST

DEPT. OF BUILDING INSPECTION  
 CITY OF PORTLAND, ME  
 AUG 24 2016  
 100-1000





Phone: 1-207-318-2623

Fax: 1-207-772-8952

E-mail: [petehenckel@maine.rr.com](mailto:petehenckel@maine.rr.com)

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August 23, 2006

Attn; Mike Nugent  
#27 Forest Ave permit application.

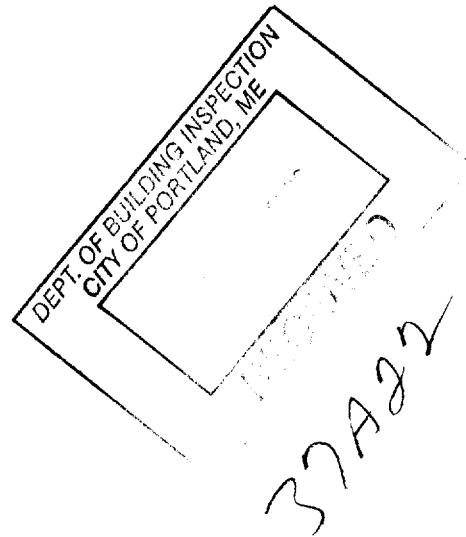
Mike,

I will be using ITW Buildex Sammy's with a 2" penetration and a head that accepts 3/8" Threaded rod to hang the hood and a #14sw nut driver to install them per the manufacturers Instructions. (4)

I have also taken pictures of the exterior of the building that will explain the termination point Of the duct work as well as the wall penetrations I will bring them by tomorrow with a drawing Of the interior layout and hood placement.

Once again thank you for your help.

*Peter Henckel*





# Henckel Design and Fabrication

Phone: 1-207-318-2623  
Fax: 1-207-772-8952  
E-mail: [petehenckel@maine.rr.com](mailto:petehenckel@maine.rr.com)

134 Hartley Street  
Portland, Maine  
04103

9/28/06

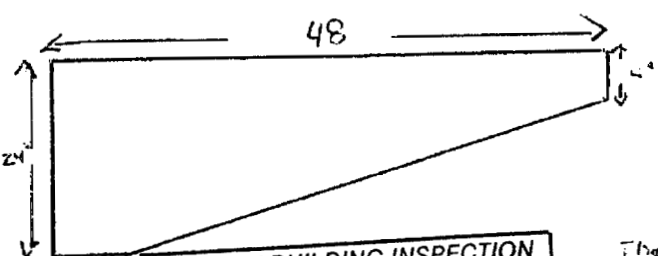
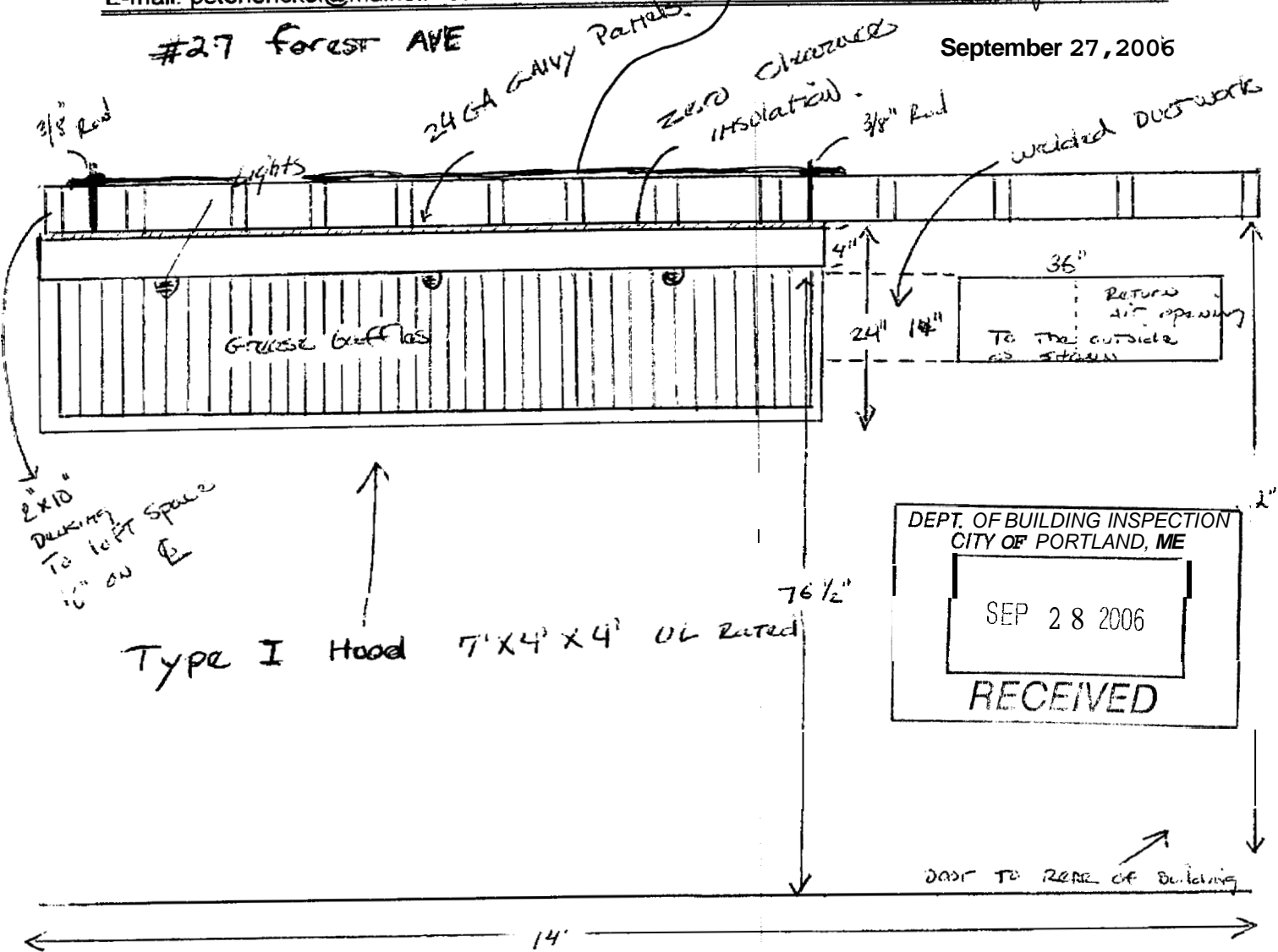
Per Pete

Flat steel unistrut  
to distribute load  
4 points

gmb

#27 Forest Ave

September 27, 2006

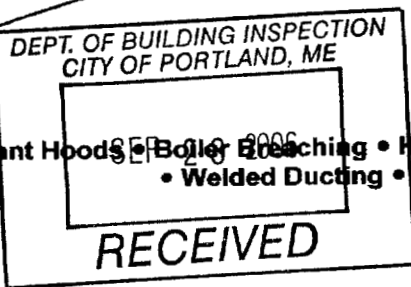


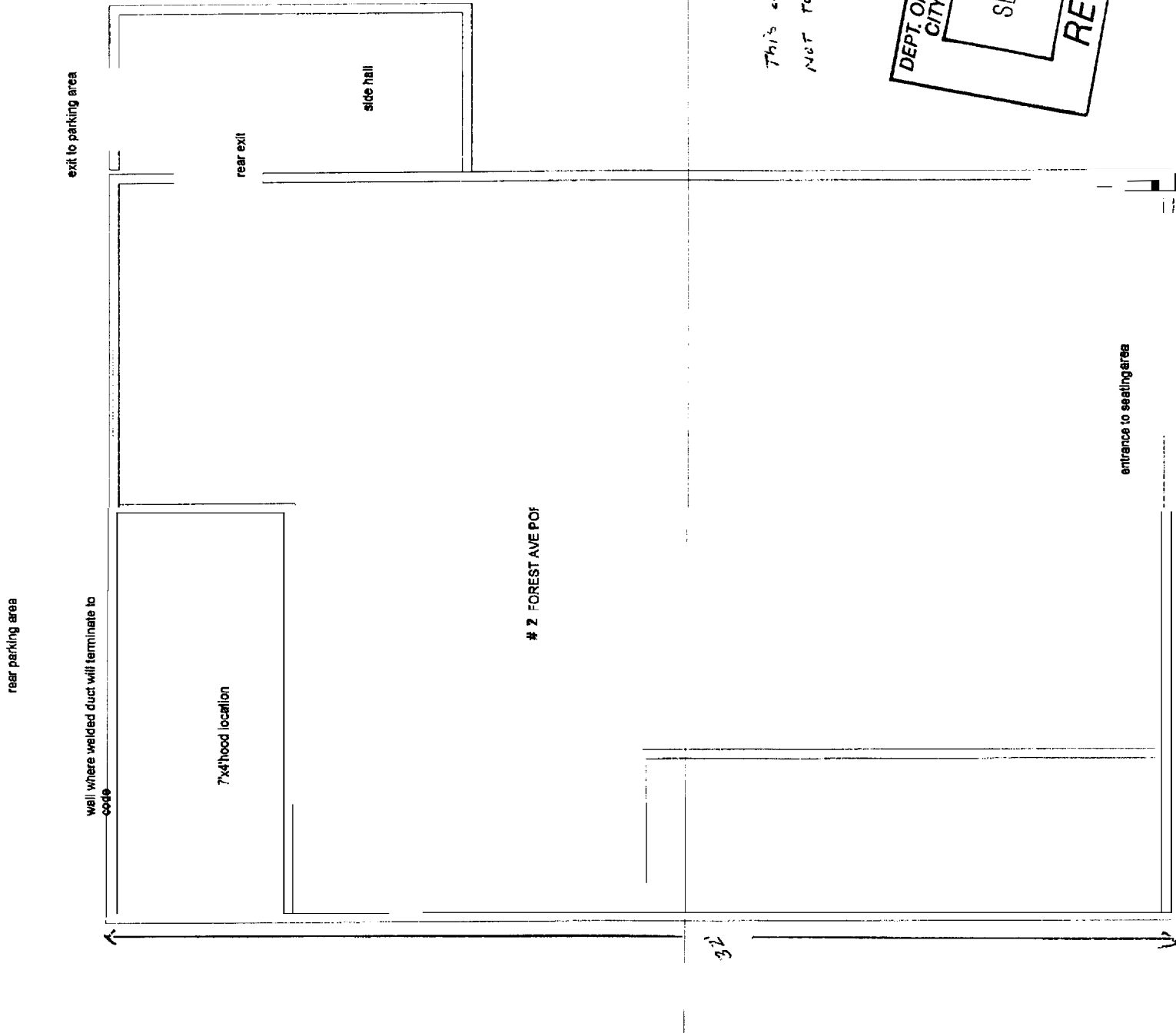
SIDE view of Hood

The hood will be 1/2" lower than the curb termination of 6'6" that is the last concern.

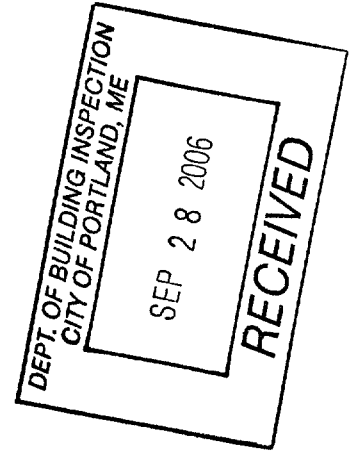
Thank you Pete H.

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





This drawing is NOT TO SCALE





# Henckel Design and Fabrication

134 Hartley Street  
Portland, Maine  
04103

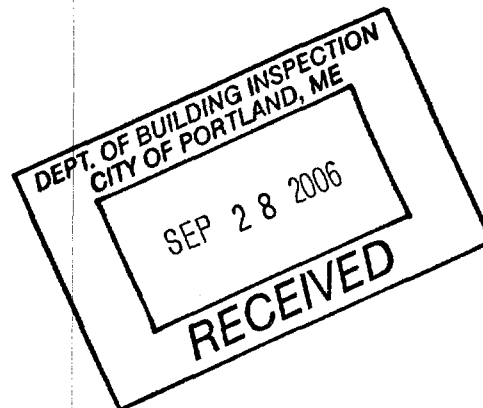
Phone: 1-207-318-2623  
Fax: 1-207-772-8952  
E-mail: [petehenckel@maine.rr.com](mailto:petehenckel@maine.rr.com)

September 27, 2006

ATTN: GENIE BORK  
FROM PETE HENCKEL  
SITE LOCATION #27 FOREST AVE  
SUBJECT HOOD LOCATION AND ELEVATION.

Thank you for your interest in this project and the time you spent with me to get this back on track it is greatly appreciated.

*Thanks for your help*  
*Pete Henckel*



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

*de*

**Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon,**

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice, Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initialzing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meet will take place upon receipt of your building permit.

N/A Footing/Building Location Inspection: Prior to pouring concrete

N/A Re-Bar Schedule Inspection: Prior to pouring concrete

N/A Foundation Inspection: Prior to placing ANY backfill

✓ Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling

✓ Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects, Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

✓ If any of the Inspection do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

N/A CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

[Signature]  
Signature of Applicant/Designee

9/29/06  
Date

[Signature]  
Signature of Inspections Official

9/29/06  
Date

CBL: 37-A-22 Building Permit #: 06/1198