

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

# CITY OF PORTLAND

## BUILDING INSPECTION

# PERMIT

Permit Number: 100314

Please Read Application And Notes, If Any. Attached

This is to certify that PORTLAND HOUSING AUTHORITY / Labels Sheet Metal

has permission to Community Center Kitchen install new hood system

AT 61 WILMOT ST CBL 026 P004001

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

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

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

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

PERMIT ISSUED

APR - 7 2010

OTHER REQUIRED APPROVALS

Fire Dept. CAPT. R. Gauthier  
Health Dept. City of Portland  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

*[Handwritten Signature]*  
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: 10-0314	Issue Date:	CBL: 026 P004001
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Location of Construction: 61 WILMOT ST (Franklin Tower)	Owner Name: PORTLAND HOUSING AUTHOR	Owner Address: 14 BAXTER BLVD	Phone:
Business Name:	Contractor Name: Labels Sheet Metal	Contractor Address: 221 Lincoln Street Lewiston	Phone: 2072124019
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone: R-6

Past Use: Portland Housing - <del>Community Center</del> Franklin Tower - Common area - first floor, new kitchen (# 10-0232)	Proposed Use: Portland Housing - <del>Community Center</del> - Community Center Kitchen install new hood system	Permit Fee: \$60.00	Cost of Work: \$3,500.00	CEO District: 1
Proposed Project Description: Community Center Kitchen install new hood system		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied *See Conditions	INSPECTION: Use Group: <i>Hand</i> Type: <i>IMC 2003</i>	
		Signature: <i>(KG)</i>	Signature: <i>(Handwritten Signature)</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: 03/31/2010	<b>Zoning Approval</b>		
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. 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..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p><i>OK w/condition</i></p> <p>Date: <i>4/1/10</i> <i>ARM</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p><i>ARM</i></p> <p>Date:</p>
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**PERMIT ISSUED**

APR - 7 2010

City of Portland

**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: 10-0314	Date Applied For: 03/31/2010	CBL: 026 P004001
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Location of Construction: 61 WILMOT ST (Franklin Towers)	Owner Name: PORTLAND HOUSING AUTHOR	Owner Address: 14 BAXTER BLVD	Phone:
Business Name:	Contractor Name: Lebels Sheet Metal	Contractor Address: 221 Lincoln Street Lewiston	Phone (207) 212-4019
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	

Proposed Use: Portland Housing -community kitchen - install new hood system in new kitchen	Proposed Project Description: Community Kitchen - install new hood system
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Dept: Zoning      Status: Approved with Conditions      Reviewer: Ann Machado      Approval Date: 04/01/2010

Note: Permit #10-0232 was to build a second kitchen in the common area.

Ok to Issue: ✓

- 1) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work

Dept: Building      Status: Approved with Conditions      Reviewer: Tammy Munson      Approval Date: 04/15/2010

Note:

Ok to Issue: ✓

- 1) The hood, duct and exhaust shall be installed per IMC 2003 and NFPA 96  
This permit is approved based on the plans submitted and updated for reductions in the cleaances based on the application of a UL approved fire wrap or equivalent assembly per code.
- 2) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
- 3) Installation shall comply with 2003 International Mechanical Code .

Dept: Fire      Status: Approved with Conditions      Reviewer: Capt Keith Gautreau      Approval Date: 04/07/2010

Note:

Ok to Issue: ✓

- 1) Install shall comply with all manufacture's specifications.
- 2) Install shall comply with NFPA 96.  
A compliance letter is required

**PERMIT ISSUED**

APR - 7 2010

City of Portland

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY )

or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months, if the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.

Close in: Prior to covering any duct work.

Final inspection required at completion of work.

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

**IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.**

PERMIT ISSUED

APR - 7 2010

City of Portland



# 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>61 Wilmot Franklin Towers</u>		
Total Square Footage of Proposed Structure/Area <u>N/A</u>		Square Footage of Lot <u>N/A</u>
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# <u>026      P      009</u>	Applicant * <u>must be owner, Lessee or Buyer</u> * Name Address City, State & Zip	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>PORTLAND Housing AUTHORITY</u> Address City, State & Zip	Cost Of Work: \$ <u>3500.-</u> C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>Community Center Room</u>		
If vacant, what was the previous use? _____		
Proposed Specific use: <u>new kitchen with code upgrades</u>		
Is property part of a subdivision? _____ If yes, please name _____		
Project description: <u>Community Center - kitchen install new hood system with Pan/Bronal</u>		
Contractor's name: <u>Label's Sheet Metal</u>		
Address: <u>221 Lincoln ST.</u>		
City, State & Zip: <u>Lew. Me 04240</u>		Telephone: <u>207-782-2235</u>
Who should we contact when the permit is ready: <u>PAUL ROY</u>		Telephone: <u>207-576-1863</u>
Mailing address: <u>221 LINCOLN ST.</u>		

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

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by 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 the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: Paul Roy Date: 3/31/10

This is not a permit, you may not commence ANY work until the permit is issue

Grease Gutters provided? yes

Hood Clearance reduction to Combustibles design /specs:  
min. 18"

Duct Clearance reduction to Combustibles design /specs:  
duct work fire wrapped as needed

Vibration Isolation System:  
\_\_\_\_\_

Air Velocity within the duct system 1700-2000 RPM

Grease accumulation prevention system:  
yes

Cleanouts none needed

Grease Duct enclosure yes

Exhaust Termination Roof \_\_\_\_\_ Wall X

Fire Suppression System yes

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

Exhaust fan distance from property lines 28'

Exhaust fan distance from other vents or openings none

Exhaust fan distance from adjacent buildings none

Exhaust fan height above adjoining grade 14' 8"

**Hood Specs**

Style of Hood canopy

Type of Filter Baffle

Height of filter above nearest cooking surface 40"-42"

Capacity of hood CFM 4' Hood @ 1050 CFM

Make up Air system description and capacity  
none  
\_\_\_\_\_  
\_\_\_\_\_

Franklin Towers 61 Wilmot



# PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life [www.portlandmaine.gov](http://www.portlandmaine.gov)

Mark Lebel  
650-4020

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 X                      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 Steel If Other, what Type? \_\_\_\_\_

Is the duct work Stainless steel or other type of steel? carbon steel If Other, what type? \_\_\_\_\_

Thickness of the steel for the hood 18 ga.

Thickness of the duct for the hood 16 ga -

Type of Hood and Duct Supports  
Threaded Rods lagged To wall

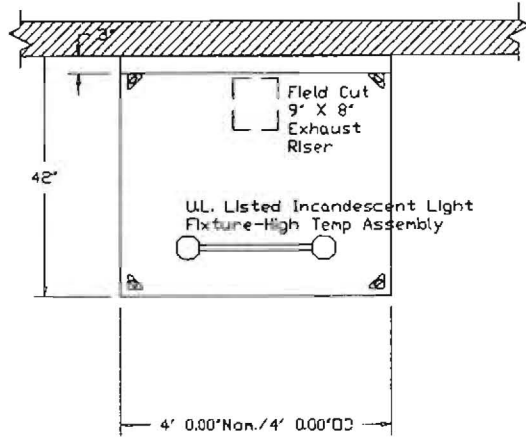
Type of seams and Joints welded

**HOOD INFORMATION**

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					TOTAL SUP. CFM	SUPPLY PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG.	
					WIDTH	LENG.	DIA.	CFM	S.P.		WIDTH	LENG.	DIA.	CFM	S.P.		END TO END	ROW
1	4224 ND-2	4' 0.00"	450 Deg.	800	9'	8'		800	-0.307"	0					430 SS Where Exposed	ALONE	ALONE	

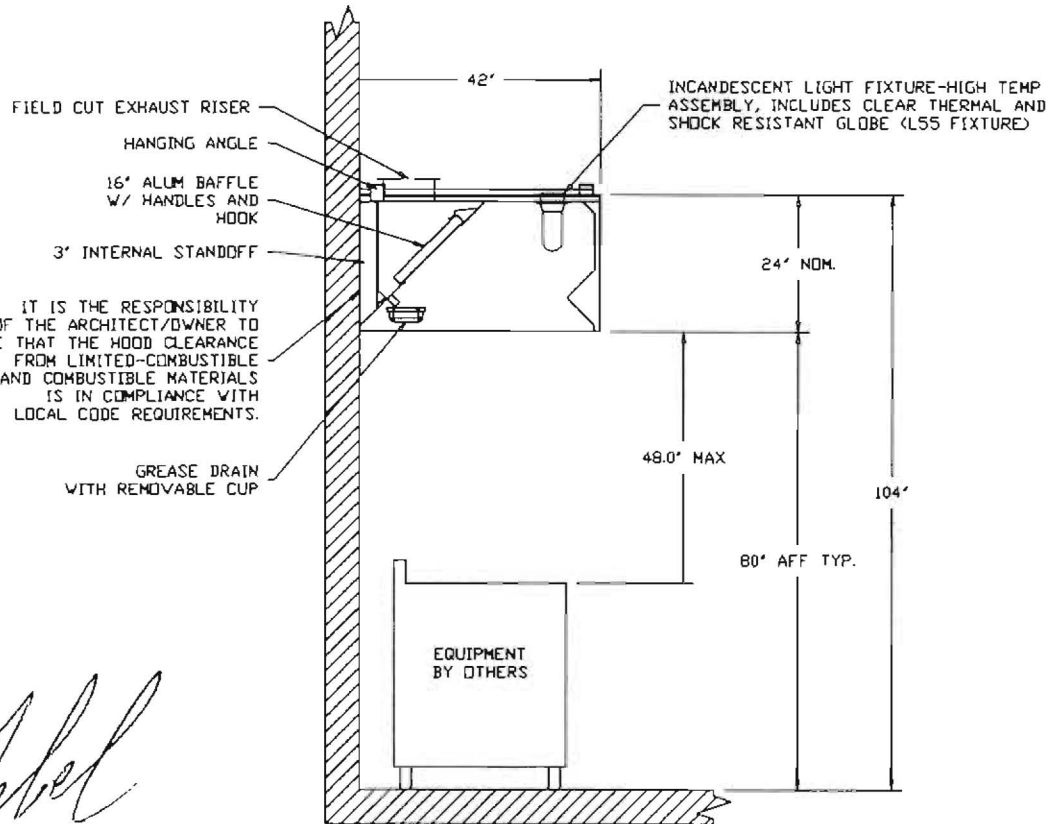
**HOOD INFORMATION**

HOOD NO.	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WGT.	
	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	VIRE GUARD	LOCATION	TYPE	SIZE	ELECTRICAL MODEL #			SWITCHES QUANTITY
1	Alum Baffle w/ Handles	3	16"	16"	2	Incandescent Light Fixt	NO						NO	181 LBS



PLAN VIEW - Hood #1  
4' 0.00" LONG 4224ND-2

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



SECTION VIEW - MODEL 4224ND-2

*M. S. Label*

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted

Approved with NO Exception Taken

Revise and Resubmit

SIGNATURE \_\_\_\_\_

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

**CAPTIVE AIRE**

JOB	Franklin Tower
LOCATION	Windham, ME
DATE	3/16/2010
DWC #	1
REV.	
JOB #	1117355
DRAWN BY	BFC
SCALE	1/32



**EXHAUST FAN INFORMATION**

FAN UNIT NO.	FAN UNIT MODEL #	MODEL	TAG	CFM	S.P.	RPM	H.P.	#	VOLTS	FLA	WEIGHT (LBS.)
1	DU33HFA	DU33HFA		800	0.500	1384	0.333	1	115	4.1	73.45

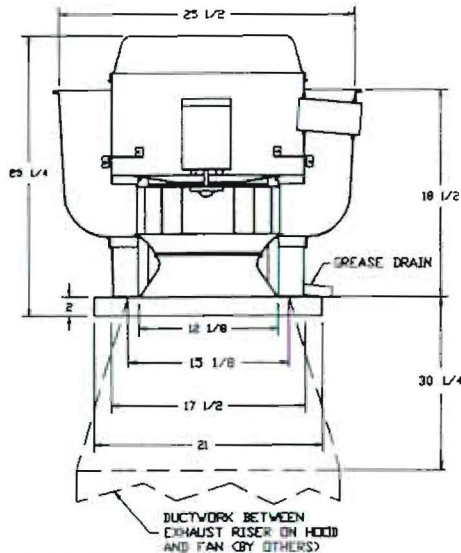
**FAN OPTIONS**

FAN UNIT NO.	OPTION (Qty. - Descr.)
1	1 - Grease Box
	1 - Fan Base Ceramic Seal - For Grease Ducts
	1 - Wall Mount Construction for Fan
	1 - Wallmount 20.5" sq x 2'

**FAN ACCESSORIES**

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

FAN #1 DU33HFA - EXHAUST FAN



**FEATURES:**

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- 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 DEGRADATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

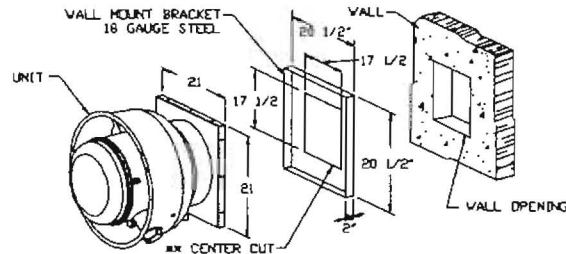
**ABNORMAL FLAME-UP TEST:**

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
- FAN BASE CERAMIC SEAL - FOR GREASE DUCTS
- WALL MOUNT CONSTRUCTION FOR FAN
- WALLMOUNT 20.5" SQ X 2'

**WALL MOUNT BRACKET**



- WALL BRACKET FITS INTO BASE OF FAN
- SELF DRILLING SCREWS SHOULD BE USED FOR UNIT ATTACHMENT TO WALL MOUNT BRACKET
- DIMENSION = 5" WHEN USED WITH DAMPER
- \*\* CENTERED IN WALL MOUNT

*Handwritten signature: M. J. Bellet*

**CUSTOMER APPROVAL TO MANUFACTURE:**

Approved as Noted

Approved with NO Exception Taken

Revise and Resubmit

SIGNATURE \_\_\_\_\_

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

**CAPTIVE-AIRE**

JOB	Franklin Tower
LOCATION	Windham, ME
DATE	3/16/2010
JOB #	1117355
DWG #	2
DRAWN BY	BFC
REV.	SCALE 1/32