

City of Portland, Maine - Building or Use Permit Application

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

PERMIT ISSUED

Job No: 2011-1405 - Type I Hood	Date Applied: 2/16/2011	CBL: 032 - - F - 012 - 001 - - - - -	MAR 10 2011	
Location of Construction: 7 EXCHANGE	Owner Name: EXCHANGE LLC ELEVEN	Owner Address: PO BOX 4894 PORTLAND, ME - MAINE 04112	City of Portland Phone:	
Business Name:	Contractor Name: Iosua, Mike	Contractor Address: 173 Indian Village SHAPLEIGH, MAINE 04076	Phone: 615-2891	
Lessee/Buyer's Name: Petrocci	Phone:	Permit Type: Install Type I Hood	Zone: B-3	
Past Use: Change of Use to a Restaurant on permit #2011-02-0448	Proposed Use: SAME: Restaurant - to add Type I Hood	Cost of Work: 3000.00	CEO District:	
		Fire Dept: <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: B Type: Type I Hood Signature: <i>[Signature]</i>	
Proposed Project Description: 7 Exchange St "Exchange St Cafe" - to install Type I Hood		Pedestrian Activities District (P.A.D.)		3/10/11
Permit Taken By:		Zoning Approval		

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building Permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>[Signature]</i> 2/22/11	<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:	with <input type="checkbox"/> Not in Dist or Landmark <input checked="" type="checkbox"/> Does not Require Review <i>not v. side</i> <input type="checkbox"/> Requires Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 2/28/11 <i>[Signature]</i>

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 appication 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	PHON

HUAC Review

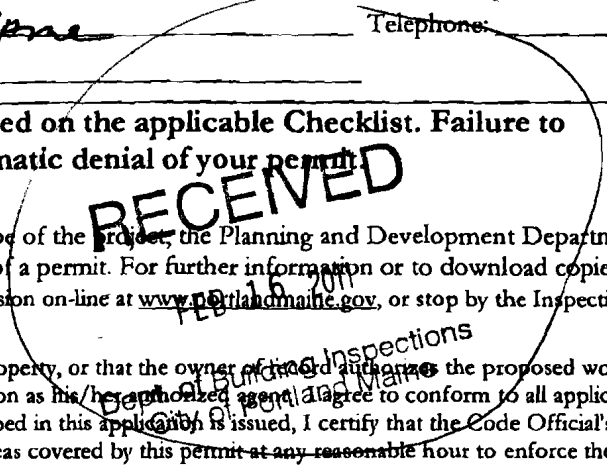


General Building Permit Application

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>7 Exchange</u>		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>032 F 012</u>	Applicant * <u>must be owner, Lessee or Buyer*</u> Name <u>Donna / R. Petrucci</u> Address City, State & Zip	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>Joe Soly</u> Address City, State & Zip	Cost Of Work: \$ <u>1500</u> C of O Fee: \$ Total Fee: \$ <u>40.00</u>
Current legal use (i.e. single family) <u>Restaurant/Residential Above</u> Number of Residential Units _____ If vacant, what was the previous use? <u>Clothing Store</u> Proposed Specific use: <u>Roast Beef Shop</u> Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Type 1 Hood</u>		
Contractor's name: <u>Mike Josua / NATIONAL AIR REF</u> Address: <u>173 Indian Village</u> City, State & Zip <u>Shapleigh Me 04076</u> Telephone: <u>207 615-2891</u> Who should we contact when the permit is ready: <u>Same</u> Telephone: _____ Mailing address: <u>Same</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, 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: [Signature] Date: 2-11-11

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

2011-1405 Type I Hood

Job Summary Report
Job ID: 2011-02-448-CH OF USE

Report generated on Feb 22, 2011 9:26:22 AM

Page 1

Job Type:	Change of Use Commercial	Job Description:	7 Exchange St "Exchange St Cafe"	Job Year:	2011
Building Job Status Code:	Initiate Plan Review	Pin Value:	685	Tenant Name:	
Job Application Date:		Public Building Flag:	N	Tenant Number:	
Estimated Value:	3,000	Square Footage:			
Related Parties:		EXCHANGE ELEVEN		<i>Property Owner</i>	
		National Air & Refrigeration - Mike Iosua		<i>GENERAL CONTRACTOR</i>	

Job Charges

Fee Code Description	Charge Amount	Permit Charge Adjustment	Net Charge Amount	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Net Payment Amount	Outstanding Balance
----------------------	---------------	--------------------------	-------------------	--------------	----------------	----------------	---------------------------	--------------------	---------------------

Location ID: 4706

Location Details

Alternate Id	Parcel Number	Census Tract	GIS X	GIS Y	GIS Z	GIS Reference	Longitude	Latitude
S37187	032 F 012 001		M				-70.253319	43.656679

Location Type	Subdivision Code	Subdivision Sub Code	Related Persons	Address(es)
1				5 EXCHANGE STREET WEST

Location Use Code	Variance Code	Use Zone Code	Fire Zone Code	Inside Outside Code	District Code	General Location Code	Inspection Area Code	Jurisdiction Code
RETAIL & PERSONAL SERVICE		NOT APPLICABLE			Historic District		DISTRICT 2	CENTRAL BUSINESS DISTRICT

Structure Details

Structure: Loc id 000004705 Alt id 000292

Occupancy Type Code:

Structure Type Code	Structure Status Type	Square Footage	Estimated Value	Address
Stores & Customer Services (Mercantile)	6	1263,24		5 EXCHANGE STREET WEST

Longitude	Latitude	GIS X	GIS Y	GIS Z	GIS Reference	User Defined Property Value
0	0	M				

Permit #: 20111404

Permit Data

Job Summary Report
Job ID: 2011-02-448-CH OF USE

Report generated on Feb 22, 2011 9:26:22 AM

Location Id	Structure Description	Permit Status	Permit Description	Issue Date	Reissue Date	Expiration Date		
4706	Mixed Use Building	Initialized	Change of use from Retail to Restaurant					
Inspection Details								
Inspection Id	Inspection Type	Inspection Result Status	Inspection Status Date	Scheduled Start Timestamp	Result Status Date	Final Inspection Flag		
Fees Details								
Fee Code Description	Charge Amount	Permit Charge Adjustment	Permit Charge Adj Remark	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Payment Adj Comment
Certificate of Occupancy Fee	\$75.00							
Job Valuation Fees	\$50.00							

Permit #: 20111405

Permit Data								
Location Id	Structure Description	Permit Status	Permit Description	Issue Date	Reissue Date	Expiration Date		
4706	Mixed Use Building	Initialized	Type 1 System					
Inspection Details								
Inspection Id	Inspection Type	Inspection Result Status	Inspection Status Date	Scheduled Start Timestamp	Result Status Date	Final Inspection Flag		
Fees Details								
Fee Code Description	Charge Amount	Permit Charge Adjustment	Permit Charge Adj Remark	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Payment Adj Comment
Job Valuation Permit Based Fee	\$40.00							

Grease Gutters provided? In Hood

Hood Clearance reduction to Combustibles design /specs: NO Combustibles

All WRAPPED IN FIRE MASTER 0" Clearance

Duct Clearance reduction to Combustibles design /specs:

Vibration Isolation System:

Air Velocity within the duct system 1600 CFM

Grease accumulation prevention system:

Grease Filters

Cleanouts 2

Grease Duct enclosure

Exhaust Termination Roof _____ Wall

Fire Suppression System

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

NO Combustibles 18" off wall

Exhaust fan distance from property lines N/A

Exhaust fan distance from other vents or openings 4'-11"

Exhaust fan distance from adjacent buildings 20'

Exhaust fan height above adjoining grade 11'

Hood Specs

Style of Hood Low Profile

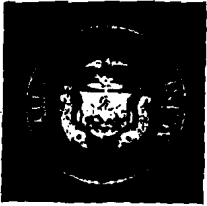
Type of Filter

Height of filter above nearest cooking surface 6'8"

Capacity of hood CFM 1800

Make up Air system description and capacity

N/A



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? STAINLESS If Other, what Type? _____

Is the duct work Stainless steel or other type of steel? 1/8" BLACK IRON If Other, what type? _____

Thickness of the steel for the hood 1/8 _____

Thickness of the duct for the hood 1/8 _____

Type of Hood and Duct Supports

Ducts - Set on 1/8" x 1/4" Angle Iron
Lagged to BRICK

Type of seams and Joints welded



Product Data & Installation Guide

1. Product Description

Thermal Ceramics' new FireMaster® FastWrap XL is the thinnest and lightest flexible wrap material available that passes the ASTM E 2336 test standard required by the 2006 IMC and NFPA 96 for reduced clearance enclosure materials used to provide 1 or 2 hour fire rating for kitchen exhaust ducts. FastWrap XL is also UL Classified and Labeled per ISO 6944 as an alternative to a 1 or 2 hour rated enclosure for air ventilation ducts. The FastWrap XL core blanket is manufactured using Thermal Ceramics patented Superwool® fiber, a 2000°F rated, non-combustible, alkaline-earth silicate wool with low biopersistence. FastWrap XL is the product of extensive research and development resulting in break-through improvements in fiberization technology with significant enhancements in thermal properties beneficial to fire protection applications. FastWrap XL when used in combination with an approved firestop sealant provides an effective through penetration firestop in rated floor and wall assemblies. FastWrap XL is UL Classified and is part of UL's Listing and Follow-Up Service Program to ensure the consistent quality essential to the critical nature of this life-safety application.

Product Features

- Zero clearance to combustibles at any location
- Thin and Lightweight at 1-1/2 inch thick, 6 pcf density
- Contours easily to complex duct designs
- Butt Joints on inside layer - save labor, space, and material
- Fully foil encapsulated for fast and clean installation
- Completely inorganic and non-combustible
- Contains 2000°F rated fibers for added safety margin
- Contains no low temperature mineral or glass fibers
- Wide variety of through penetration systems
- Resistant to mold growth
- Extensive Listings and detailed installation instructions
- Offered in 50 and 100 square foot rolls
- Available in 48 inch widths for less joints and installation labor

2. Applications

- Applied in 2 layers to provide 1 or 2 hour fire protection to grease ducts exhausting Type 1 hoods per 2006 IMC, NFPA 96 and 2006 IAPMO UMC
- Applied in 1 layer as an alternative to a 1 or 2 hour rated enclosure for air ventilation ducts

3. Physical Characteristics

Product	Unit	Size	Units/ Ctn.	Wt./ Ctn.
FastWrap XL	Roll	1-1/2" x 24" x 25'	1	37.5 lbs.
FastWrap XL	Roll	1-1/2" x 48" x 25'	1	75 lbs.
FastWrap XL Collar	Roll	1-1/2" x 6" x 25'	4	37.5 lbs.
Color	White blanket with silver foil encapsulation			



4. Performance Specifications

Reference Standard	Standard No.	Performance
Grease Duct Enclosure System	ASTM E2336	Pass
Section 16.1 - Non-Combustibility	ASTM E136	Pass
Section 16.2 - Fire Resistance (wall)	ASTM E119	Pass
Section 16.3 - Durability Test	ASTM C518	Pass
Section 16.4 - Internal Fire Test	ASTM E2336	Pass
Section 16.5 - Fire Engulfment (duct)	ASTM E814/E119	Pass
Surface Burning Characteristics		
Flame Spread (foil/blanket)	ASTM E84	5/0
Smoke Developed (foil/blanket)	ASTM E84	5/0
Thermal Resistance (R-value @ 70°F)	ASTM C518	4.2 per inch
Mold Growth (75% -95% humidity)	ASTM D6329	Resistant
Air Ventilation Duct Enclosure	ISO 6944	Pass
Grease Duct Enclosure System	UL 1978*	Pass

* Laboratory Listings will be withdrawn January 1, 2009 forcing systems to be tested to ASTM E2336

5. Listings/Building Code Reports

Listed Uses	Agency	Listing
Grease Duct Enclosure System (Zero Clearance) - AC101 (ASTM E2336)	UL	G18
Grease Duct Enclosure System (Zero Clearance) - ASTM E2336	ICC-ES*	ESR 221J
Through Penetration FireStop System - ASTM E814/UL 1479	UL	See Figure 2
Ventilation Duct Enclosure System - ISO 6944	UL	V19

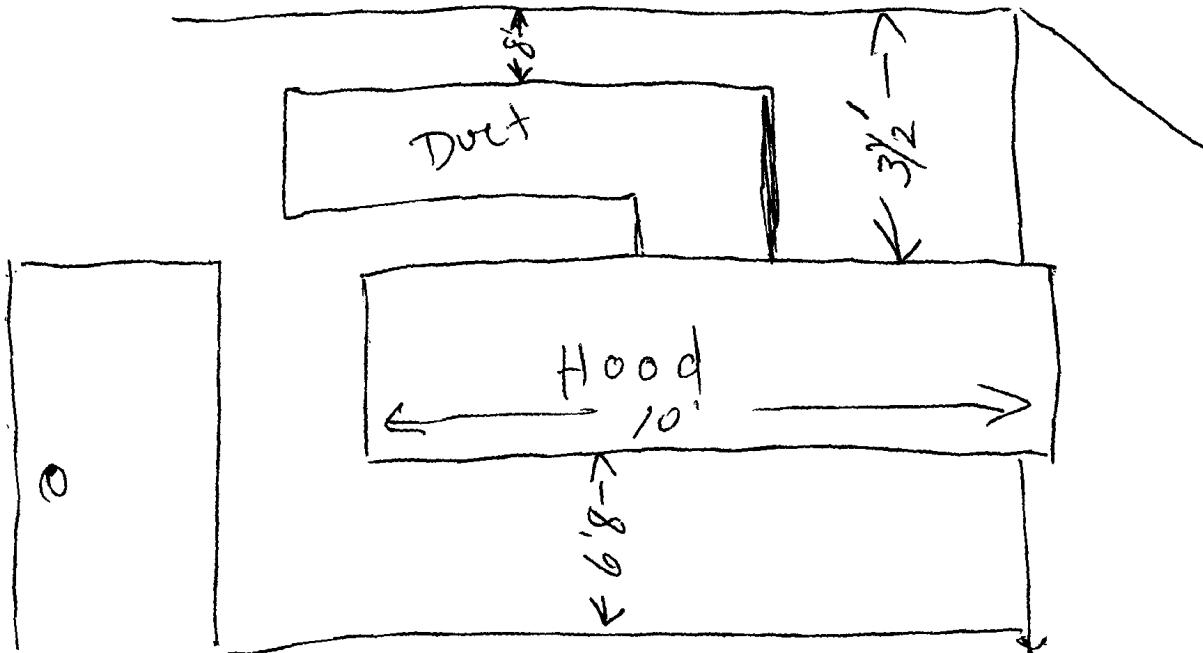
* International Code Council - Engineering Service

Exchange

10' Hood lagged to BRICK with
5/16 x 4 1/2" LAGS (6)

Front of Hood Hung with Threaded
Rod 1/2" AT EACH CORNER lagged to
ceiling JOIST

All Ducts wrapped in Firemaster
see Attached sheet



walls behind Hood and on Right
Side ARE metal studded + double 5/8 sheetrock
with STAINLESS STEEL finish

