

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

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

Permit No: 10-1356	Issue Date:	CBL: 040 D001001
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Location of Construction: 20 DANFORTH ST	Owner Name: BROWN J B & SONS	Owner Address: PO BOX 207	Phone:
Business Name:	Contractor Name: HVAC Services, Inc.	Contractor Address: 73 Bradley Drive Westbrook	Phone: 2078544822
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B3

Past Use: Commercial - Office -Peabody Center	Proposed Use: Commercial - Office -Peabody Center - install York ZJ060N10 on roof 3	Permit Fee: \$370.00	Cost of Work: \$34,500.00	CEO District: 1
		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied N/A	INSPECTION: Use Group: U Type: HVAC State Gas Regs JUL 2009 Signature: [Signature]	

Proposed Project Description: install York ZJ060N10 on roof	PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____
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Permit Taken By: Idobson	Date Applied For: 10/29/2010	<b>Zoning Approval</b>
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- 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..

<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 checked="" type="checkbox"/> MM <input type="checkbox"/> OK w/condition Date: 10/29/10 [Signature]	<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 Date:	<b>Historic Preservation</b> YG <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 checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 11/3/10 [Signature]
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**PERMIT ISSUED**

NOV - 5 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

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

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Location of Construction: 20 DANFORTH ST	Owner Name: BROWN J B & SONS	Owner Address: PO BOX 207	Phone:
Business Name:	Contractor Name: HVAC Services, Inc.	Contractor Address: 73 Bradley Drive Westbrook	Phone: (207) 854-4822
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial - Office -Peabody Center - install York Z1060N10 on roof	Proposed Project Description: install York Z1060N10 on roof
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<b>Dept:</b> Historic	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Deborah Andrews	<b>Approval Date:</b> 11/03/2010
<b>Note:</b>			<b>Ok to Issue:</b> ✓
1) * Rooftop mechanical to be held back from the building edge to limit visibility.			
<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Ann Machado	<b>Approval Date:</b> 10/29/2010
<b>Note:</b>			<b>Ok to Issue:</b> ✓
1) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 11/05/2010
<b>Note:</b>			<b>Ok to Issue:</b> ✓
1) The installation must comply with the State of Maine Gas Regulations.			

<b>Comments:</b> 11/4/2010-ldobson: Brought down from Historic/ Deb - 11/4/2010
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**PERMIT ISSUED**

NOV - 5 2010

City of Portland



**CITY OF PORTLAND, MAINE**  
Department of Building Inspections

**Original Receipt**

10.29. 2010

Received from

HDAC Services -

~~Location of Work~~

20 Douglas Street 3TH

Cost of Construction \$ \_\_\_\_\_

Building Fee: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_

Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

Total: \_\_\_\_\_

370

Building (P) \_\_\_\_\_

Plumbing (15) \_\_\_\_\_

Electrical (12) \_\_\_\_\_

Site Plan (07) \_\_\_\_\_

Other

HDAC

CRN

40 D1

Check #:

CL

Total Collected \$

370

**No work is to be started until permit issued.  
Please keep original receipt for your records.**

Taken by:

SLB

WHITE - Applicant's Copy  
YELLOW - Office Copy  
PINK - Permit Copy



FILL IN AND SIGN WITH INK

PERMIT ISSUED

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

NOV - 5 2010

City of Portland

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL Suite 311 30 Danforth Blvd 40 D 1 Use of Building Office Date 10/28/10

Name and address of owner of appliance J. B. Brown  
P.O. Box 207 Portland ME 04112-207

Installer's name and address HVAC SERVICES, INC.  
73 Bradley Drive Westbrook ME 04092 Telephone 2078544822

**Location of appliance:**

Basement       Floor  
 Attic             Roof

**Type of Fuel:**

Gas       Oil       Solid

Appliance Name: York ZJ060N10 (3)

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes       No

IF NO Explain: \_\_\_\_\_

**Type of Chimney:**

Masonry Lined  
Factory built NA

Metal  
Factory Built U.L. Listing # NA

Direct Vent  
Type NA

**Type of Fuel Tank**

Oil  
 Gas

**Size of Tank** \_\_\_\_\_

**Number of Tanks** 1 Natural Gas

**Distance from Tank to Center of Flame** NA feet

**Cost of Work:** \$ 34,500.00

**Permit Fee:** \$ 370

**RECEIVED**  
 OCT 29 2010  
 Dept. of Building Inspections  
 City of Portland Maine

**Approved**

**Approved with Conditions**

Fire: \_\_\_\_\_  
Ele.: \_\_\_\_\_  
Bldg.: \_\_\_\_\_

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer [Signature]

**SEI**

**SHELLEY ENGINEERING, INC.**  
STRUCTURAL CONSULTANTS

J.B. Brown & Sons  
P.O. Box 207  
Portland, Maine 04112

July 2, 2010  
Job No. 2010-093  
Pg. 1 of 1

Attention: Trish Weimer

Trish:

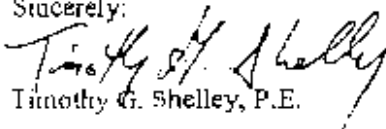
Per your request, I made a site visit to 30 Danforth St. The purpose of my inspection was to evaluate if specific locations of the roof framing over the space previously occupied by VIA were adequate to support the weight of from (3) new Roof Top Units (RTUs)

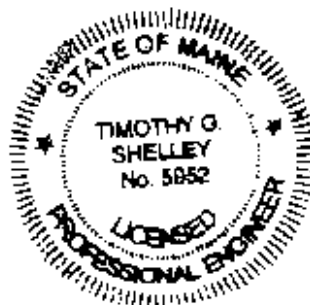
The roof areas in question are uniformly framed with rafters spanning 12ft. to 9x9 girders, which in turn span 12ft. It is my understanding that three York RTUs will be installed. Each unit weighs approximately 600 pounds. The units will be installed in a manner that no existing roof rafters or girders will be cut.

Our analysis found that the roof as presently framed can safely support the additional weight of the three RTUs, in conjunction with Building Code Mandated snow loads for Portland, Maine.

Please let me know if you have any questions.

Sincerely:

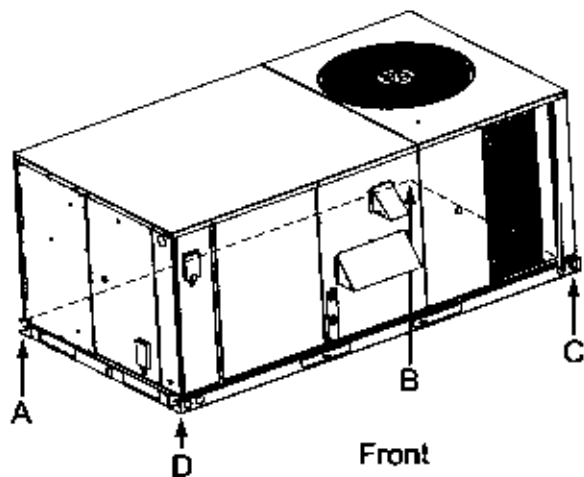
  
Timothy G. Shelley, P.E.



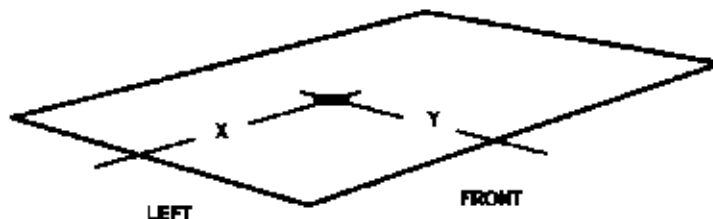
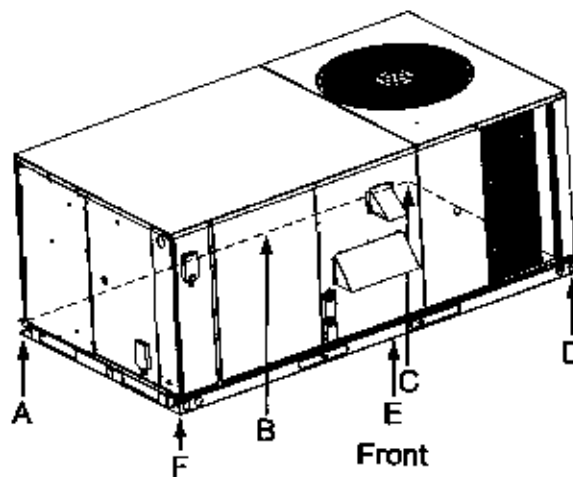
## Weights and Dimensions

### ZJ/ZR/XP036-060 Unit Weights

#### Unit 4 Point Load Weight



#### Unit 6 Point Load Weight



#### ZJZR036-060

Size (Tons)	Weight (lbs.)		Center of Gravity		4 Point Load Location (lbs.)				6 Point Load Location (lbs.)					
	Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
036 (3.0)	560	575	40	20	132	125	155	104	88	85	82	102	108	110
048 (4.0)	590	585	40	20	134	127	156	107	90	87	84	104	108	112
060 (5.0)	585	590	40	20	135	128	159	108	91	88	84	105	109	113

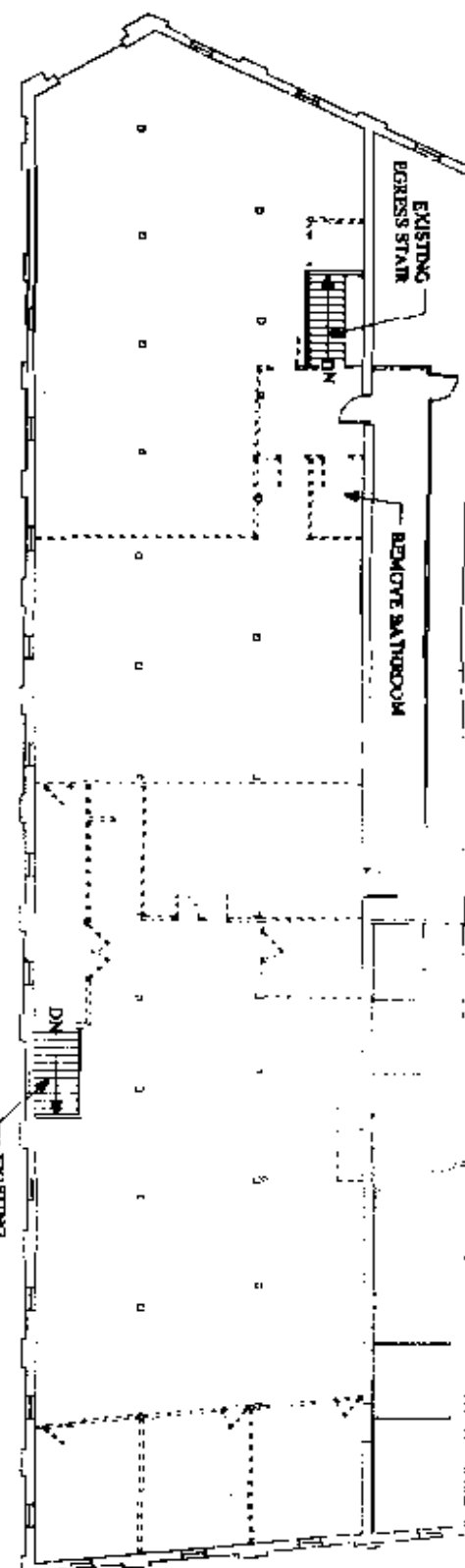
#### XP036-060

Size (Tons)	Weight (lbs.)		Center of Gravity		4 Point Load Location (lbs.)				6 Point Load Location (lbs.)					
	Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
036 (3.0)	580	575	39	20	135	121	161	168	91	85	80	99	106	114
048 (4.0)	590	585	39	20	137	124	154	171	93	87	81	101	108	116
060 (5.0)	585	590	39	20	138	125	155	172	94	87	82	102	109	117

#### ZJ/ZR/XP036-060 Unit Accessory Weights

Unit Accessory	Weight (lbs.)	
	Shipping	Operating
Economizer	55	50
Power Exhaust	55	50
Electric Heat <sup>1</sup>	28	28
Gas Heat <sup>2</sup>	70	70

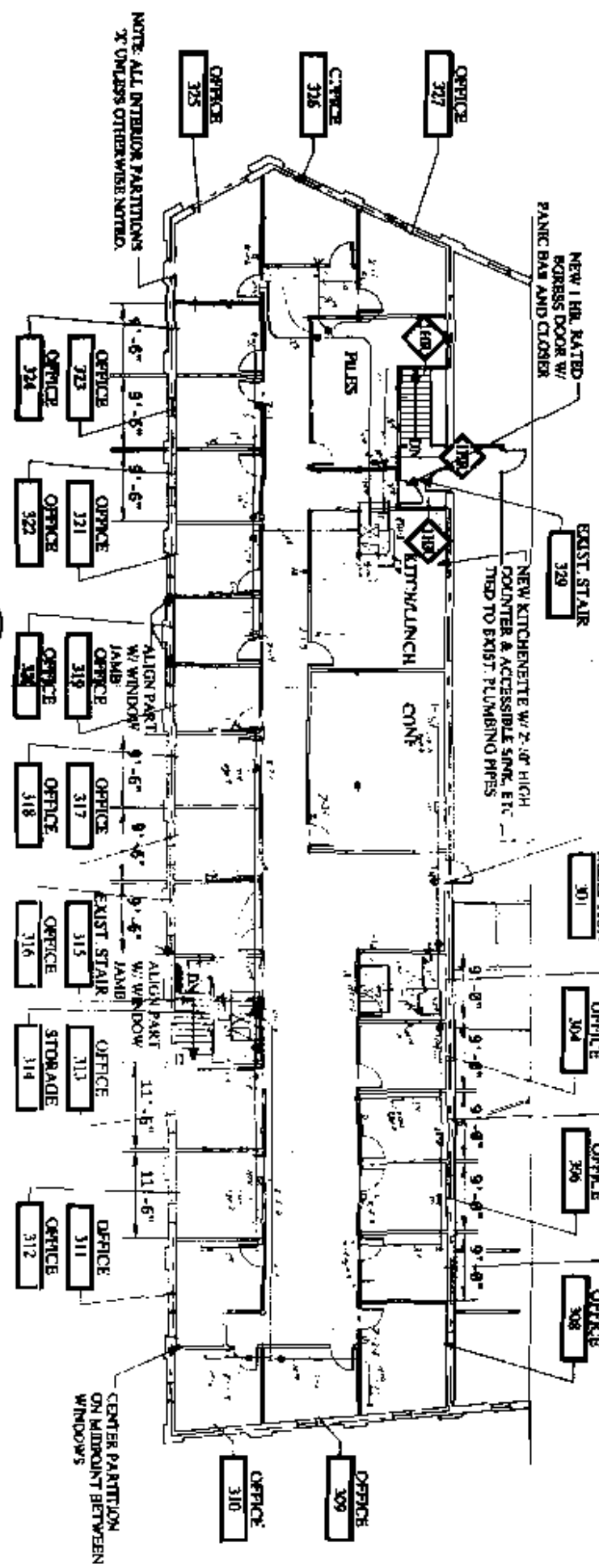
1. Weight given is for the maximum heater size available (30KW).
2. Weight given is for the maximum number of tube heat exchangers available (5 tube).



1  
A1.3 SCALE: 1/16" = 1'-0"

DEMOLITION PLAN

REMOVE & PATCH TO MATCH, TYP



2  
A1.3 SCALE: 1/16" = 1'-0"

PLAN

REMOVE & PATCH TO MATCH, TYP

BUILDING PERMIT SET

Note: Do not write over this drawing. These drawings are approximate. This drawing is the property of Michael Belieu Architect and not to be copied or reproduced in part or whole. Copyright 2010 Michael Belieu Architect

Project Title: Peabody Center at 30 Danforth  
J.A. Brown & Sons, Inc. 30 Danforth Street, Portland, ME 04104  
Copyright 2010 Michael Belieu Architect 21 Pleasant Street, Portland, ME 04101 (207) 874-7460 www.michaelbelieu.com

Drawing Title: PARTIAL PLANS - NEW & DEMO  
Date: 5/25/10  
Project Number: 10.04  
Scale: 1/16" = 1'-0"  
Reference: NONE

Drawing Number: A1.3