

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

Please Read  
 Application And  
 Notes, If Any,  
 Attached

BUILDING INSPECTION

**PERMIT**

Permit Number: 091166  
**PERMIT ISSUED**

This is to certify that BLUE HOUSE LLC / Robert C. Kelly & Co. Inc.  
 has permission to install on loading dock connected w/ permit 091158 walk in cooler shed roof & free standing compressor located in basement  
 AT 559 BRIGHTON AVE City of Portland 184 D026001

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 lath or other work closed-in. 24 HOUR NOTICE IS REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. CRD. R. Santora  
 Health Dept. \_\_\_\_\_  
 Appeal Board \_\_\_\_\_  
 Other \_\_\_\_\_  
 Department Name

Anne Poole 11/17/09  
 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: 09-1166	Issue Date:	CBL: 184 D026001
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Location of Construction: 559 BRIGHTON AVE	Owner Name: BLUE HOUSE LLC	Owner Address: 232 RAY ST	Phone:
Business Name:	Contractor Name: Robert Connolly & Company, Inc.	Contractor Address: 3 Upper Minot Road Pownal	Phone: 2072338651
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone: B-1

Past Use: Commercial Mixed Use - 1st floor market/bakery 2nd floor residential	Proposed Use: Commercial Mixed Use - 1st floor market/bakery 2nd floor residential - install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing	Permit Fee: \$100.00	Cost of Work: \$7,500.00	CEO District: 3
Proposed Project Description: install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing compressor located in basement		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>* See Condition</i>	INSPECTION: Use Group: <i>M/R</i> Type: <i>SB</i> <i>IBL-2003</i> Signature: <i>[Signature]</i> 11/17/09	
		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: Ldobson	Date Applied For: 10/21/2009	<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 w/ conditions</i> Date: <i>10/21/09</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 Date: _____	<b>Historic Preservation</b> <input checked="" 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 <i>[Signature]</i> Date: _____
	<p><b>PERMIT ISSUED</b></p> <p>NOV 17 2009</p> <p>City of Portland</p>		

**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> 09-1166	<b>Date Applied For:</b> 10/21/2009	<b>CBL:</b> 184 D026001
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<b>Location of Construction:</b> 559 BRIGHTON AVE	<b>Owner Name:</b> BLUE HOUSE LLC	<b>Owner Address:</b> 232 RAY ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Robert Connolly & Company, Inc.	<b>Contractor Address:</b> 3 Upper Minot Road Pownal	<b>Phone:</b> (207) 233-8651
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Additions - Commercial	

<b>Proposed Use:</b> Commercial Mixed Use - 1st floor market/bakery 2nd floor residential - install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing compressor located in basement	<b>Proposed Project Description:</b> install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing compressor located in basement
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<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Ann Machado	<b>Approval Date:</b> 10/29/2009
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) The use of the property shall remain as retail/bakery on first floor and one dweeing unit above. Any change of use shall require a separate permit application for review and approval.			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b>
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.			
2) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.			
<b>Dept:</b> Fire	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b>	<b>Approval Date:</b> 10/27/2009
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) All construction shall comply with NFPA 101			

<b>Comments:</b>
10/26/2009-amachado: Spoke to Robert Connolly. Need spec sheet from compressor manufacturer that shows the sound decible of the compressor at the property line. Moving permit forward with tpermit #09-1158 to be reviewed together.
10/29/2009-amachado: Received spec sheet for compressor. Says that the dba is 58. The maximum decibel at the lot line has to be 55. The spec sheet says that it is 58 decibels. Since it is in the basement and located approximately 16' from the rear lot line, it should meet the sound volume requirement.
11/17/2009-jmb: Left msg for John N. To call, advised to call contractor. Spoke with Robert C. About details, verified no frost protection and the structure will be independent of the main building except for the flashing at the roof and the closed cell insulation in the new wall next to the building. Ok to issue when sp exemption is approved.
11/17/2009-gg: received granted site exemption. Filed with permit. (Jeannie). /gg



# 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>559 Brighton AVE</u>		
Total Square Footage of Proposed Structure/Area <u>100 sq'</u>	Square Footage of Lot <u>4,982</u>	Number of Stories <u>1</u>
Tax Assessor's Chart, Block & Lot Chart# <u>184</u> Block# <u>D</u> Lot# <u>26</u>	Applicant * <u>must</u> be owner, Lessee or Buyer* Name <u>John Naylor</u> Address <u>559 Brighton Ave</u> City, State & Zip <u>Portland, ME 04102</u>	Telephone: <u>774-8129</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>7,500</u> C of O Fee: \$ _____ Total Fee: \$ <u>100</u>
Current legal use (i.e. single family) <u>1st Flr market-Bakery</u> If vacant, what was the previous use? <u>2nd Flr residential</u> Number of Residential Units _____ Proposed Specific use: <u>walk in cooler</u> Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>Frame 10'x10' walk in cooler - shed roof - free-standing compressor will be located in existing Basement</u>		
Contractor's name: <u>Robert Connolly</u> Address: <u>3 upper minot rd Pownal, ME 04069</u> City, State & Zip <u>Pownal, ME 04069</u> Telephone: <u>233-8651</u> Who should we contact when the permit is ready: <u>Robert Connolly</u> Telephone: _____ Mailing address: <u>3 upper minot rd</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.

RECEIVED

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, 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. OCT 21 2009

I hereby certify that I am the Owner of record of the named property, or that the owner of record has authorized me 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: R Connolly Date: 10-21-09

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

ATTORNEY: THOMAS F. JEWELL, ESQ.

PANEL: 0013 B

DATED: 12/8/1998

TITLE COMPANY: TICOR TITLE INSURANCE COMPANY

**TITLE REFERENCE**

LENDER: NOT APPLICABLE OR NOT AVAILABLE

DEED BOOK: 10518 PAGE: 214

OWNER: SCOTT ANDERSON, JOHN NAYLOR

PLAN BOOK: 11 PAGE: 123 LOT(S): 96 & 97 P/O

APPLICANT: LLC AS YET TO BE NAMED

PLAN NUMBER: N/A OF N/A

**ASSESSORS MAP**

DATE: 9/28/2004

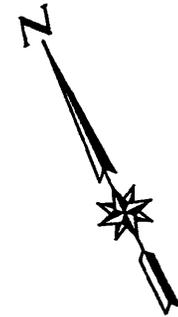
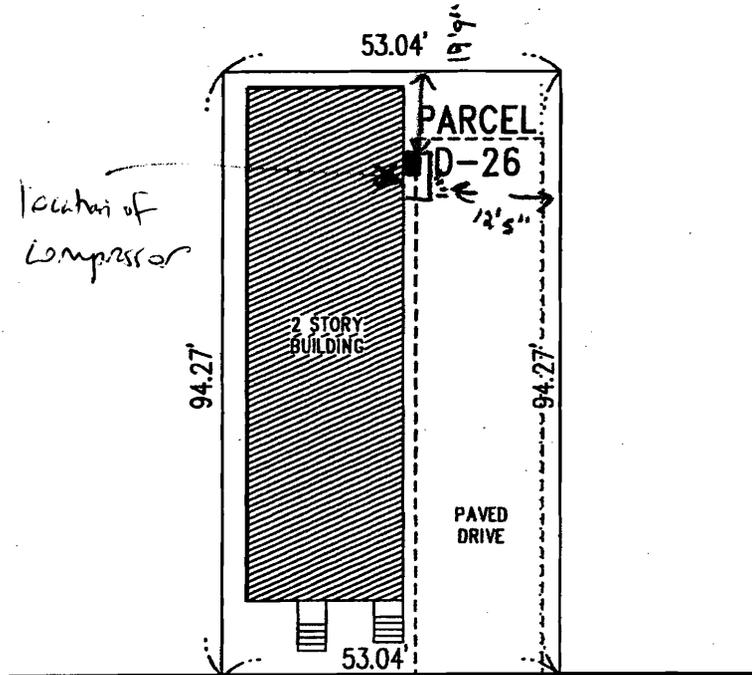
SCALE: 1"=30'

MAP: 184

BLOCK: D

PARCEL: 26

**MORTGAGE INSPECTION PLAN**  
**559 BRIGHTON AVENUE, PORTLAND, ME**



**BRIGHTON AVENUE**

**MORTGAGE LENDER**

**USE ONLY**

THIS IS NOT A BOUNDARY SURVEY.

THIS IS THE RESULT OF TAPE MEASUREMENT, NOT THE RESULT OF AN INSTRUMENT SURVEY AND IS CERTIFIED TO THE TITLE INSURANCE COMPANY AND ABOVE LISTED ATTORNEY AND LENDER.

THERE ARE NO DEEDED EASEMENTS IN THE ABOVE REFERENCED DEED OR ENCROACHMENTS WITH RESPECT TO BUILDINGS SITUATED ON THIS LOT EXCEPT AS SHOWN.

THE LOCATION OF THE DWELLING SHOWN DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD ZONE.

THE LOCATION OF THE DWELLING AS SHOWN HEREON WAS IN

SURVEYING ENGINEERING LAND PLANNING

**Northeast Civil Solutions**

INCORPORATED

153 US ROUTE 1, SCARBOROUGH, MAINE 04074

30' 0 30' 60'

tel (207) 883-1000 fax (207) 883-1001 e-mail ncs@maine.rr.com  
(800) 882-2227



**L & L STRUCTURAL**  
ENGINEERING SERVICES, INC.  
Six Q Street  
South Portland, ME 04106  
Phone: (207) 767-4830  
Fax: (207) 799-5432

October 16, 2009

Robert J. Connolly  
3 Upper Minot Road  
Pownal, Maine 04069

Subject: Rosemont Market located at 559 Brighton Ave., Portland, Maine  
Exterior Free Standing Loading Dock

Dear Mr. Connolly,

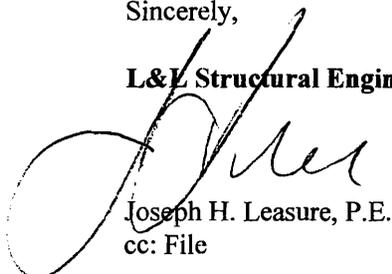
As per your request we have reviewed the structural framing on the drawings (Plan A, B, C, D and E) prepared by R Connolly & Company Incorporated dated September 30, 2009 along with the enclosed photographs of current construction of the proposed exterior loading dock at the Rosemont Market located at 559 Brighton Avenue in Portland, Maine. The drawings included the structural modifications recommended by our office. Our analysis utilized the 2003 IBC International Building Code adopted by Portland, Maine. In addition, our analysis considered the latest edition of the NDS National Design Specification for Wood Construction published by the National Forest Products Association.

We understand that it is your intention to potentially utilize the platform to support a future walk-in freezer or cooler in addition to the current proposed use as a loading dock. Furthermore, we understand that the loading dock will accommodate hand dollies to move the retail store supplies as opposed to manual or electronic forklifts. Hence, we analyzed the loading dock platform for a live load of 125 PSF as stipulated in the code for light storage or retail/wholesale stores. This structural loading shall be sufficient for the proposed loading dock use as well as the future walk-in freezer or cooler support. In addition, the proposed loading dock is free standing structure. Hence, in accordance with the IBC Code Section 1805.2.1 (Exception) the foundation is not required to be protected from frost. However, we recommend that the foundation is protected to curtail any potential damage that may occur due to frost heave. As long as the owner understands the potential risks, the proposed structure is in compliance with the code without frost protection for the foundation. The proposed structural design indicated on the drawings meets or exceeds the code stipulated design requirements, is acceptable to support the anticipated structural loading, and is in general compliance with our structural design concept.

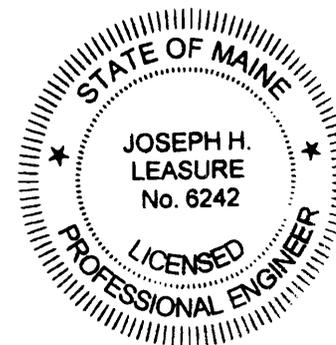
If you have any questions, please do not hesitate to call.

Sincerely,

**L&L Structural Engineering Services, Inc.**



Joseph H. Leasure, P.E.  
cc: File



shall vehicles, or truck trailers with or without wheels, be used for on-site storage. Truck load sales shall not be considered outside storage provided that such activity does not extend beyond three (3) consecutive days nor occur more frequently than three (3) times a calendar year.

(g) *Storage of vehicles:* Storage of vehicles is subject to the provisions of section 14-335.

(h) *Shoreland and flood plain management regulations:* If the lot is located in a shoreland zone or in a flood hazard zone, then the requirements of division 26 and/or division 26.5 apply.

(Ord. No. 292.88, 4-4-88; Ord. No. 94-99, 11-15-99)

**Sec. 14-167. External effects.**

Every use in a B-1 or B-1b zone shall be subject to the following requirements:

(a) *Enclosed structure:* The use shall be operated within a completely enclosed structure, except for those specific open air activities licensed by the City, including but not limited to outdoor seating, sidewalk sales, etc.

(b) *Noise:* The volume of sound, measured by a sound level meter with frequency weighting network (manufactured according to standards prescribed by the American Standards Association), generated shall not exceed fifty-five (55) decibels on the A scale, on impulse (less than one (1) second), at lot boundaries, excepting air raid sirens and similar warning devices.

(c) *Vibration and heat:* Vibration inherently and recurrently generated and heat shall be imperceptible without instruments at lot boundaries.

(d) *Glare, radiation or fumes:* Glare, radiation or fumes shall not be emitted to an obnoxious or dangerous degree beyond lot boundaries.

(e) *Smoke:* Smoke shall not be emitted at a density in excess of twenty (20) percent opacity level as classified in

## HERMETIC COMPRESSORS

### Unit Specifications

Model	Eq. #	Compressor	Condensation		Refrigerant		Dimensions			Net Wt. lbs	Sound Data dBA*
			Eq. #	Suction	Sec. Full	Fan(s)	D. in	W. in	H. in		
LH*005H2	A	ARTB2C1	3/8	1/2	6.0	1	28-1/4	23-3/4	17-1/4	135	67
LH*008H2	A	RS64C2	3/8	1/2	6.0	1	28-1/4	23-3/4	17-1/4	141	68
LH*010H2	A	RS70C1	3/8	5/8	6.0	1	28-1/4	23-3/4	17-1/4	136	68
LH*015H2	B	CR18KO	3/8	5/8	10.0	2	28-1/4	37-3/4	17-1/4	189	71
LH*020H2	B	CR24KO	3/8	7/8	10.0	2	28-1/4	37-3/4	17-1/4	193	72
LH*029H2	C	CR37KO	1/2	7/8	16.0	2	28-1/4	37-3/4	19-1/4	214	72
LH*030H2	D	CR37KO	1/2	7/8	22.0	1	30-1/4	42-1/2	29-3/4	281	73
LH*040H2	D	CR53KO	1/2	1-1/8	22.0	1	30-1/4	42-1/2	29-3/4	299	73
LH*050H2	D	CRN-0500	1/2	1-1/8	22.0	1	30-1/4	42-1/2	29-3/4	310	75
LH*005X6	A	RST45C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/2	135	68
LH*008X6	A	RST55C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/2	135	68
LH*009X6	A	RST64C1E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/2	144	68
LH*010X6	A	RS70C1E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	138	68
LH*015X6	B	CS10K6E	3/8	5/8	9.0	2	28-1/4	37-3/4	17-1/4	193	71

5/8  
decals  
compressor  
inside  
basinet

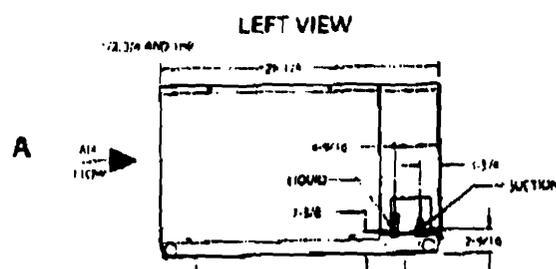
## HERMETIC COMPRESSORS

### Electrical Data

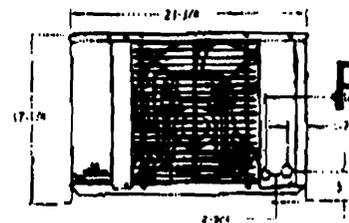
Model Number	Part Number	Power Supply		Compressor			Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Phs	HP	SCA	TR	Qty	HP	A	A	Elec	Air	Elec		
LH*040H2B	CR53KO-PFV	208-230	1	60	26.0	140.0	1	1/3	3.5	36.0	48.0	50	60	12.0	35
LH*040H2C	CR53KO-TF5	208-230	3	60	18.3	107.0	1	1/3	3.5	23.9	38.0	40	50	12.0	30
LH*040H2D	CR53KO-TFD	460	3	60	8.1	55.0	1	1/3	1.9	15.0	29.0	15	30	11.0	23
LH*050H2B	CRN5-0500-PFV	208-230	1	60	30.8	142.0	1	1/3	3.5	42.0	59.0	50	60	12.0	47
LH*050H2C	CRN5-0500-TF5	208-230	3	60	19.2	130.0	1	1/3	3.5	28.0	40.0	45	50	12.0	30
LH*050H2D	CRN5-0500-TFD	460	3	60	8.7	65.0	1	1/3	1.9	15.0	29.0	20	30	10.0	23
LH*005X6B	RST45C1E-CAV	208-230	1	60	4.6	28.5	1	1/15	0.5	15.0	20.0	15	20	8.0	15
LH*008X6B	RST55C1E-CAV	208-230	1	60	6.1	33.7	1	1/15	0.5	15.0	20.0	15	20	8.0	15
LH*009X6B	RST64C1E-CAV	208-230	1	60	8.0	49.0	1	1/15	0.5	15.0	20.0	15	20	6.0	15
LH*010X6B	RS70C1E-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15.0	20.0	15	20	7.0	15
LH*010X6C	RS70C1E-TFC	208-230	3	60	4.2	31.0	1	1/15	0.5	15.0	20.0	15	20	8.6	15

## Dimensional Drawings of Cabinets

OUTDOOR



FRONT VIEW



City of Portland Maine  
Dept. of Building Inspections

RECEIVED

RECEIVED

OCT 29 2009

Dept. of Building Inspections  
City of Portland Maine

10/27/2009 14:12 2077977147

BELLSIMONS

PAGE 04

## Performance Data

## Model ACM Air Defrost | 60 Hz

Model	Capacity				Fan Data		
	DRUM	UNIT	DRUM	UNIT	Model	CFM	Watt
ACM052	5,200	1,520	7,800	2,280	1	610	1,035
ACM076	7,800	2,230	11,400	3,340	2	1,390	2,210
ACM090	9,000	2,640	13,500	3,950	2	1,260	2,140
ACM102	10,200	2,990	15,300	4,480	2	1,220	2,075
ACM108	10,800	3,160	16,200	4,750	3	1,950	3,315
ACM134	13,400	3,920	20,100	5,890	3	1,890	3,210
ACM156	15,600	4,570	23,400	6,850	3	1,830	3,110
ACM179	17,900	5,240	26,850	7,860	4	2,520	4,285
ACM208	20,800	6,100	31,200	9,140	4	2,440	4,145
ACM249	24,900	7,290	37,350	10,940	5	3,950	5,185

## Specifications

## Model ACM Air Defrost | 60 Hz

Model	HP	Shaded Pole				PSC Motor				EC Motor			
		115V/60	208-230V/60	115V/60	208-230V/60	115V/60	208-230V/60	115V/60	208-230V/60	115V/60	208-230V/60	115V/60	208-230V/60
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
ACM052	1/15	2.1	135	1.1	135	0.9	90	0.5	90	0.9	55	0.5	55
ACM076	1/15	4.2	270	2.2	270	1.8	180	1.0	180	1.8	110	1.0	110
ACM090	1/15	4.2	270	2.2	270	1.8	180	1.0	180	1.8	110	1.0	110
ACM102	1/15	4.2	270	2.2	270	1.8	180	1.0	180	1.8	110	1.0	110
ACM108	1/15	6.3	405	3.3	405	2.7	270	1.5	270	2.7	165	1.5	165
ACM134	1/15	6.3	405	3.3	405	2.7	270	1.5	270	2.7	165	1.5	165
ACM156	1/15	6.3	405	3.3	405	2.7	270	1.5	270	2.7	165	1.5	165
ACM179	1/15	8.4	540	4.4	540	3.6	360	2.0	360	3.6	220	2.0	220
ACM208	1/15	8.4	540	4.4	540	3.6	360	2.0	360	3.6	220	2.0	220
ACM249	1/15	10.5	675	5.5	675	4.5	450	2.5	450	4.5	275	2.5	275

## Physical Data

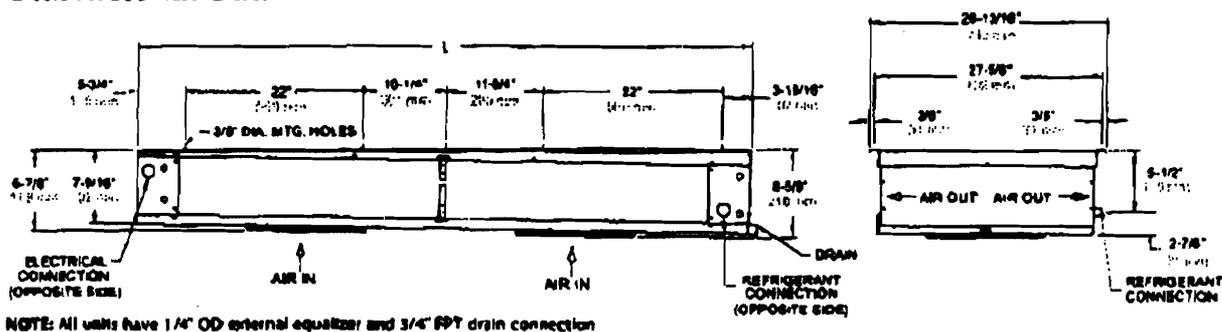
### Model ACM Air Defrost

Model	Units	Height (in.)	Width (in.)	Depth (in.)	Approx. Net Wt. (lb.)
ACM052	1	1/2	7/8	42	19
ACM076	2	1/2	7/8	68	29
ACM090	2	1/2	7/8	70	32
ACM102	3	1/2	7/8	68	38
ACM108	3	1/2	7/8	105	48
ACM134	3	1/2	7/8	117	51
ACM156	4	1/2	7/8	123	56
ACM178	4	1/2	7/8	149	68
ACM208	4	1/2	1-1/8	184	74
ACM247	5	1/2	1-1/8	256	94

### Model ECM Electric Defrost

Model	Units	Height (in.)	Width (in.)	Depth (in.)	Approx. Net Wt. (lb.)
ECM040	1	1/2	7/8	90	41
ECM054	2	1/2	7/8	124	54
ECM065	2	1/2	7/8	120	54
ECM090	3	1/2	7/8	160	73
ECM130	3	1/2	7/8	174	79
ECM174	4	1/2	1-1/8	216	99

## Dimensional Data



### Model ACM Air Defrost

Model	Units	Height (in.)	Depth (in.)
ACM052	1	31-1/2	800
ACM076	2	61-1/2	1,359
ACM090	2	53-1/2	1,359
ACM102	3	61-1/2	1,359
ACM108	3	75-1/2	1,918
ACM134	3	75-1/2	1,918
ACM156	4	75-1/2	1,918
ACM178	4	89-1/2	2,477
ACM208	4	97-1/2	2,477
ACM247	5	115-1/2	3,036

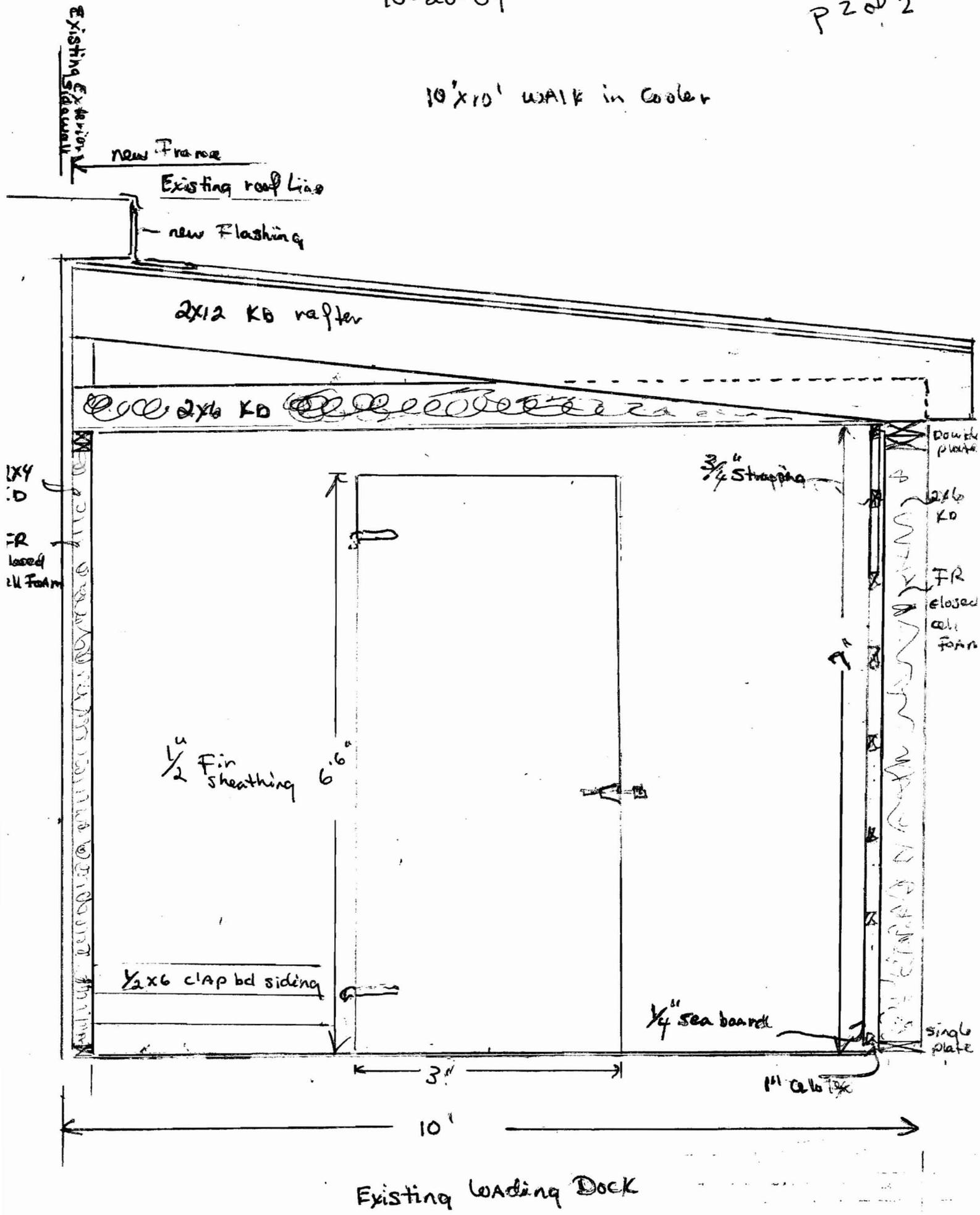
### Model ECM Electric Defrost

Model	Units	Height (in.)	Depth (in.)
ECM040	1	31-1/2	800
ECM054	2	33-1/2	1,359
ECM065	2	33-1/2	1,359
ECM090	3	75-1/2	1,918
ECM130	3	75-1/2	1,918
ECM174	4	87-1/2	2,477

10-20-09

P 200 2

10'x10' WALK in Cooler



2x6 KD Exterior walls

2x4 KD WALL @ EXISTING Exterior WALL

2x12 KD roof RAFTERS

5/8" sheathing @ roof Deck

\* Suction membrane roof

1/2" sheathing @ Exterior side walls

2x6<sup>10</sup> ceiling / collar ties

touch & Seal Fire Retardant closed cell foam @ wall & ceiling cavity (See spec sheet)

1" celotex rigid foam @ Interior walls (Thermal Break)

1/2" horizontal strapping @ Interior walls (NET R 4.3)

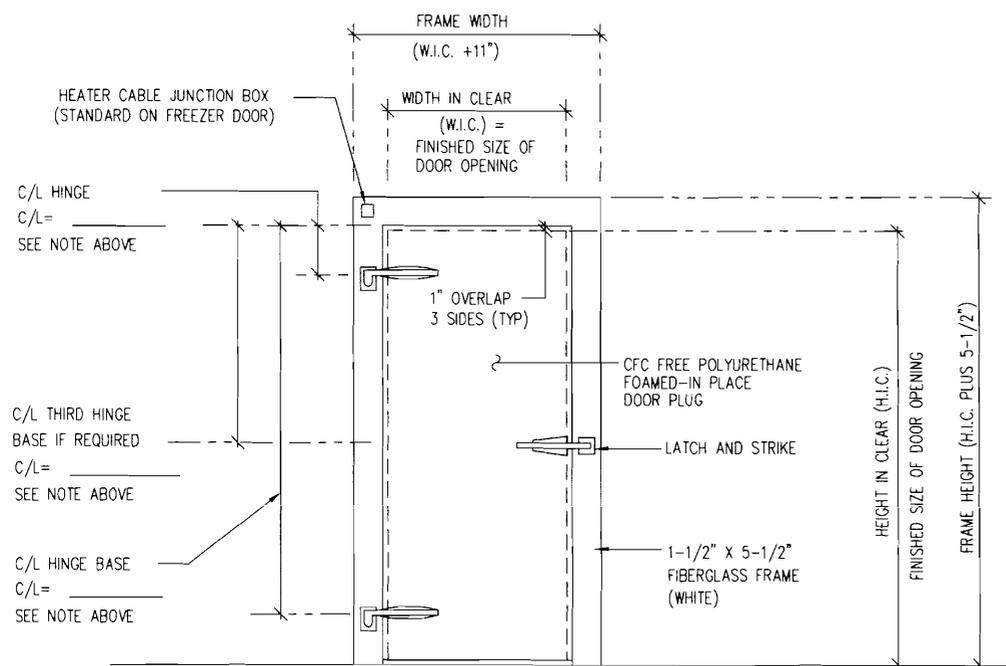
1/4" Polyethylene vapor barrier sheet @ Final Finish of interior space (walls & ceiling)

\* MEETS FDA requirements for use in applications where they may come in contact with food.

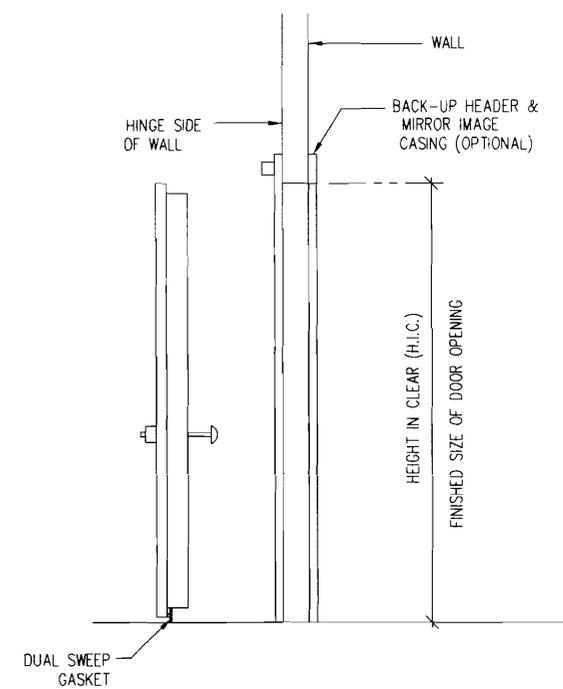
Finny bar See spec sheet

\* On project we will be using the following products:

NOTE: FOR REPLACEMENT DOOR WHEN NO FRAME IS ORDERED, PLEASE SPECIFY MEASUREMENT FOR CENTERLINES OF HINGES. MEASURE ALL DIMENSIONS FROM THE TOP OF THE DOOR PLUG.



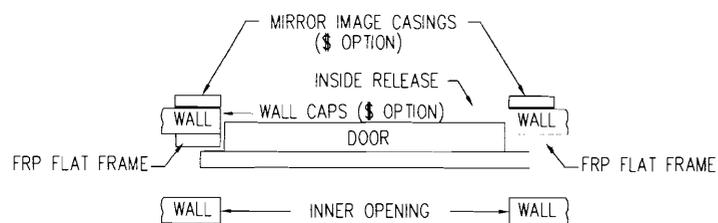
FRONT ELEVATION



SIDE VIEW SECTION

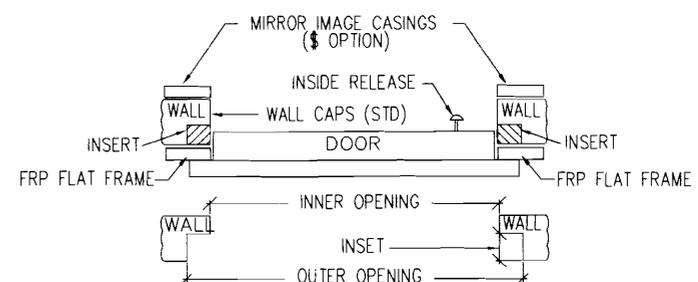


CHECK ONE CONFIGURATION BELOW

 OVERLAP DOOR - OPTION 1

ENTER MEASUREMENTS:

(W.I.C.) \_\_\_\_\_" INNER OPENING \_\_\_\_\_" (H.I.C.)

 OVERLAP DOOR - OPTION 2

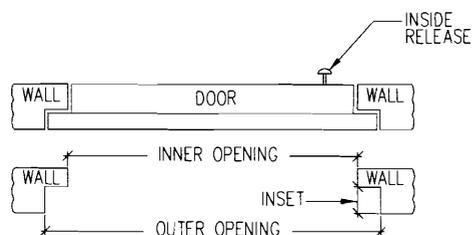
ENTER MEASUREMENTS:

(W.I.C.) \_\_\_\_\_" INNER OPENING \_\_\_\_\_" (H.I.C.)

(W.I.C.) \_\_\_\_\_" OUTER OPENING \_\_\_\_\_" (H.I.C.)

\_\_\_\_\_ " INSET

\_\_\_\_\_ " WALL THICKNESS

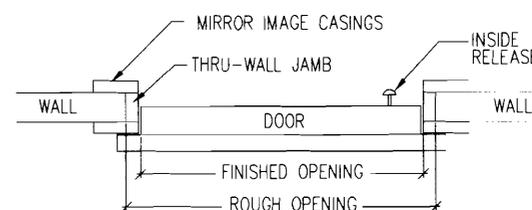
 FLUSH DOOR - OPTION 3

ENTER MEASUREMENTS:

(W.I.C.) \_\_\_\_\_" INNER OPENING \_\_\_\_\_" (H.I.C.)

(W.I.C.) \_\_\_\_\_" OUTER OPENING \_\_\_\_\_" (H.I.C.)

\_\_\_\_\_ " INSET

 THRU-WALL DOOR - OPTION 4

ENTER MEASUREMENTS:

(W.I.C.) \_\_\_\_\_" ROUGH OPENING \_\_\_\_\_" (H.I.C.)

\_\_\_\_\_ " WALL THICKNESS

NOTE: FINISHED DOOR OPENING WIDTH WILL BE 3-1/2" LESS THAN ROUGH OPENING WIDTH. FINISHED OPENING HEIGHT WILL BE 1-3/4" LESS THAN ROUGH OPENING HEIGHT.



*Self-contained units feature fast, easy set-up.*



*Portable and disposable, Touch 'n Seal Foam Kits are easy to move around the job site.*



*Multiple sizes and formulas available.*

## TECHNICAL DATA

- Density (ASTM D-1622): 1.75 +/- 0.2 pcf
- K-Factor (ASTM C-518): 0.14 BTU • in • hr<sup>-1</sup> • ft<sup>-1</sup> • F<sup>-1</sup>
- R-Value (ASTM C-518): 7.12 per inch
- Compressive Strength (ASTM D-1621):  
10% parallel: 19 psi, 10% perpendicular: 13.4 psi
- Tensile Strength: (ASTM D-1623): 30 psi
- Dimensional Stability (ASTM D-2126):  
-40F, 2 weeks: +.88% volume change  
158F, 100% RH, 2 weeks: +14% volume change
- Water Absorption (ASTM D-2842): 1.0-3.5% vol
- Closed Cell Content (ASTM D-2856): 90% minimum
- Maximum Service Temperature for Cured Foam: 240F (116°C)
- Shelf Life: 18 months
- Use all contents within 30 days of initial dispensing

- Class 1 Flame Retardant  
ASTM E-84: FSI 15/SMK 450 at 2 inch thickness
- Radiation Panel Burning Test  
ASTM E-162: FSI 6
- Density (ASTM D-1622): 1.75 +/- 0.2 pcf
- K-Factor (ASTM C-518): 0.16 BTU • in • hr<sup>-1</sup> • ft<sup>-1</sup> • F<sup>-1</sup>
- R-Value (ASTM C-518): 6.23 per inch
- Compressive Strength (ASTM D-1621):  
10% parallel: 13.2 psi, 10% perpendicular 6.8 psi
- Tensile Strength: (ASTM D-1623): 22 psi
- Dimensional Stability (ASTM D-2126):  
-40F, 2 weeks: +.88% volume change  
158F, 100% RH, 2 weeks: +14% volume change
- Water Absorption (ASTM D-2842): 1.0-3.5% vol
- Closed Cell Content (ASTM D-2856): 90% minimum
- Maximum Service Temperature for Cured Foam: 240F (116°C)
- Shelf Life: 12 months
- Use all contents within 30 days of initial dispensing

- Density (ASTM D-1622): 3.0 pcf
- K-Factor (ASTM C-177): approx. 0.17 BTU • in • hr<sup>-1</sup> • ft<sup>-1</sup> • F<sup>-1</sup>
- R-Value (ASTM C-518): 5.9
- Compressive Strength (ASTM D-1621): 40 psi
- Water Absorption (ASTM D-2842): 0.5-1.0%
- Closed Cell Content (ASTM D-2856): 90% minimum
- Maximum Service Temperature for Cured Foam: 240F (116°C)
- Shelf Life: 18 months
- Use all contents within 30 days of initial dispensing

## ACCESSORIES

- FOAM KIT Accessory Pack: includes P2 gun with 10 ft. hose and accessory bag (extra nozzles, latex gloves, assembly wrench, o-ring, lubricant). #4004529914
- FOAM KIT Accessory Pack: same as above but with 30 ft. hose #4004529937
- P2 Gun with 10 ft. hose: #4004529960
- NOZZLE KIT / 2X-Purple: conical spray nozzles for use with P2 guns #4004529930
- NOZZLE KIT / 2X-Yellow: fan spray nozzles for use with P2 guns #4004529940

## BUILDING PERMIT INSPECTION PROCEDURES

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

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 initializing 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 Meeting will take place upon receipt of your building permit.**

  X   Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling

  X   Final inspection required at completion of work.

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 inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

**CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.**

\_\_\_\_\_  
Signature of Applicant/Designee

*James Burke*

\_\_\_\_\_  
Signature of Inspections Official

\_\_\_\_\_  
Date

*11/17/09*

\_\_\_\_\_  
Date

PERMIT ISSUED

NOV 17 2009

City of Portland

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

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

<b>Permit No:</b> 09-1166	<b>Date Applied For:</b> 10/21/2009	<b>CBL:</b> 184 D026001
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<b>Location of Construction:</b> 559 BRIGHTON AVE	<b>Owner Name:</b> BLUE HOUSE LLC	<b>Owner Address:</b> 232 RAY ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Robert Connolly & Company, Inc.	<b>Contractor Address:</b> 3 Upper Minot Road Pownal	<b>Phone:</b> (207) 233-8651
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Additions - Commercial	

<b>Proposed Use:</b> Commercial Mixed Use - 1st floor market/bakery 2nd floor residential - install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing compressor located in basement	<b>Proposed Project Description:</b> install a 10' x 10' walk in cooler on loading dock (connected w/ permit # 091158 ) w/shed roof - free standing compressor located in basement
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 10/29/2009  
**Note:** **Ok to Issue:**

- 1) The use of the property shall remain as retail/bakery on first floor and one dweeing unit above. Any change of use shall require a separate permit application for review and approval.
- 2) 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:** Jeanine Bourke      **Approval Date:**  
**Note:** **Ok to Issue:**

- 1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 2) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:**      **Approval Date:** 10/27/2009  
**Note:** **Ok to Issue:**

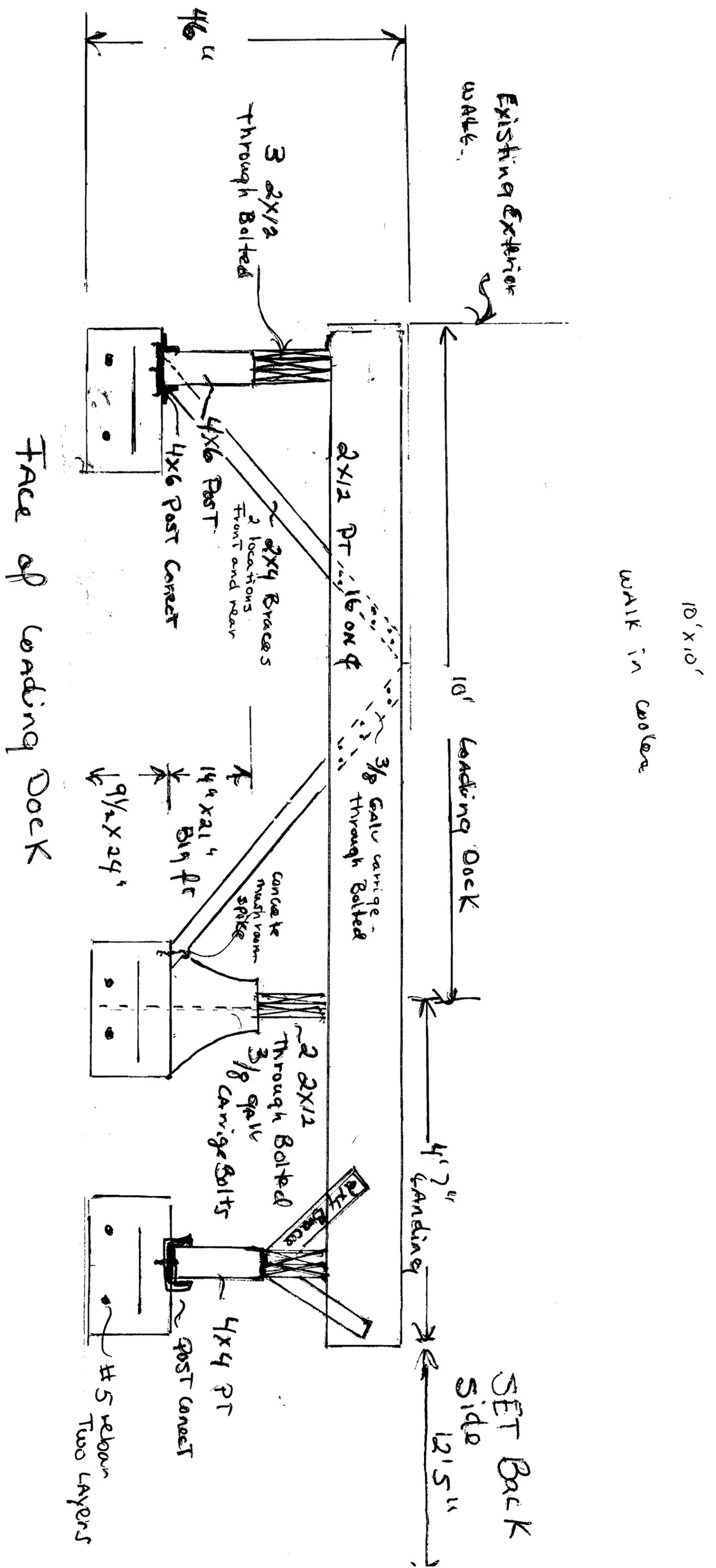
- 1) All construction shall comply with NFPA 101

**PERMIT ISSUED**

NOV 17 2009

<b>Comments:</b>
10/26/2009-amachado: Spoke to Robert Connolly. Need spec sheet from compressor manufacturer that shows the sound decible of the compressor at the property line. Moving permit forward with tpermit #09-1158 to be reviewed togher.
10/29/2009-amachado: Received spec sheet for compressor. Says that the dba is 58. The maximum decibel at the lot line has to be 55. The spec sheet says that it is 58 decibels. Since it is in the basement and located approximately 16' from the rear lot line, it should meet the sound volume requirement.
11/17/2009-jmb: Left msg for John N. To call, advised to call contractor. Spoke with Robert C. About details, verified no frost protection and the structure will be independent of the main building except for the flashing at the roof and the closed cell insulation in the new wall next to the building. Ok to issue when sp exemption is approved.
11/17/2009-gg: received granted site exemption. Filed with permit. (Jeannie). /gg





Face of Loading Dock