

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING DEPARTMENT

PERMIT

Permit Number: 051177

This is to certify that DUPLISSIE JAMES M

has permission to 3 Unit Condo/ Interior renovations & adding fire doors to code

AT 44 OCEAN AVE

129 B006001

PERMIT ISSUED

SEP 20 2005

CITY OF PORTLAND

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of this State 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 when permission procured before this building or part thereof is altered or 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. Coreq Class PFD 9-2-05

Health Dept. _____

Appeal Board _____

Other _____

Department Name

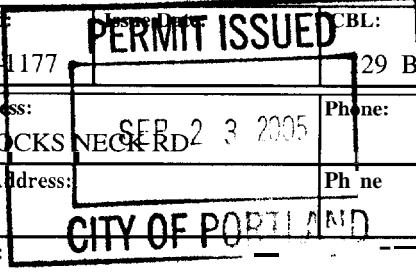
[Signature]
Director - Building & Inspection Services

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: 05-1177	APPROVED	CBL: 29 B006001
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Location of Construction: 44 OCEAN AVE	Owner Name: DUPLISSIE JAMES M	Owner Address: 70 WINNOCKS NECK RD	Phone:
Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: Change of Use - Condo Conversion	Zone: R2



Past Use: 3 Unit Residential Proposed Project Description: 3 Unit Condo/ Interior renovations & adding firedoors to code	Proposed Use: 3 Unit Condo/ Interior renovations & adding firedoors to code <i>Dwelling</i>	Permit Fee: \$1,344.00	Cost of Work: \$50,000.00 \$72,000.00	CEO District: 4
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: 5B 9/23/05	
		Signature: <i>Greg L...</i>	Signature: <i>[Signature]</i>	

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 08/17/2005	Zoning Approval
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Special Zone or Reviews <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"/> Denied Date: <i>9/12/05</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved Date: _____	Historic Preservation <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 Date: _____
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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

Permit No: 05-1177	Date Applied For: 08/17/2005	CBL: 129 B006001
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Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Change of Use - Condo Conversion	

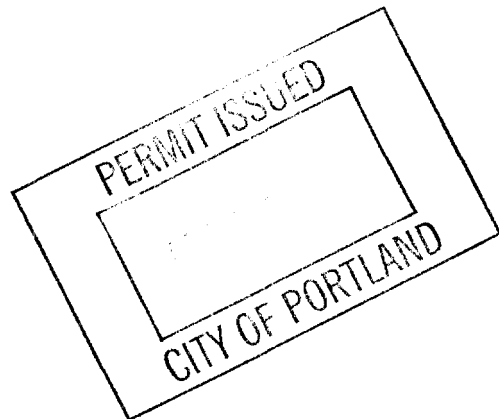
Proposed Use: 3 Unit Condo/ Interior renovations & adding firedoors to code	Proposed Project Description: 3 Unit Condo/ Interior renovations & adding firedoors to code
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Dept: Building **Status:** Approved with Conditions **Reviewer:** Mike Nugent **Approval Date:** 09/23/2005
Note: **Ok to Issue:**

1) The actual construction cost is less than \$50,000. Thus the allowance for submissions created by a "non-architect"
 All penetrations in the fire separation assemblies must be protected in accordance with Chapter 7 of the IBC.

Dept: Fire **Status:** Approved **Reviewer:** Cptn Greg Cass **Approval Date:** 09/13/2005
Note: **Ok to Issue:**

Comments:
 9/16/2005-mjn: left message w/ applicant need plans!
 9/22/2005-dmartin: brought in more info today 9/22 took off hold and routed back to bldg.



City of Portland, Maine - Building or Use Permit

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

Permit No: 05-1 177	Date Applied For: 08/17/2005	CBL: 129 B006001
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Location of Construction: 44 OCEAN AVE	Owner Name: DUPLISSIE JAMES M	Owner Address: 70 WINNOCKS NECK RD	Phone:
Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Change of Use - Condo Conversion	

Proposed Use: 3 Unit Condo/ Interior renovations & adding firedoors to code	Proposed Project Description: 3 Unit Condo/ Interior renovations & adding firedoors to code
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 09/12/2005
Note: 9/8/05 states that this is a vacant building but has not supplied the requested information as to why is the bldg vacant - when was it vacated? Left voice mail for owner - in Marge's hold area
9/12/05 received a signed letter as to why the building was vacant **Ok to Issue:**

Dept: Building **Status:** Pending **Reviewer:** Mike Nugent **Approval Date:**
Note: **Ok to Issue:**

Dept: Fire **Status:** Approved **Reviewer:** Cptn Greg Cass **Approval Date:** 09/13/2005
Note: **Ok to Issue:**

Comments:
9/16/2005-mjn: left message w/ applicant need plans!

All Purpose Building Permit Application

Location/Address of Construction: <u>42-44 Ocean Ave., Portland, ME</u>			
Total Square Footage of Proposed Structure <u>4200 sq ft existing</u>		Square Footage of Lot <u>4960</u>	
Tax Assessor's Chart, Block & Lot Chart# _____ Block# <u>B</u> Lot# <u>6</u>		Owner: <u>Gerald John + Cynthia O'Hanlon</u>	Telephone: <u>207-967-5224</u>
Buyer's Name (If Applicable): _____		Applicant name, address & telephone: <u>Cynthia O'Hanlon</u> <u>10 Oak St.</u> <u>Kennebunk, ME 04043</u>	Cost Of Work: \$ <u>70,000</u> Fee: \$ <u>28,000</u>
<div style="float: left; border: 2px solid black; padding: 5px; transform: rotate(-15deg); font-weight: bold; font-size: 1.2em;"> DEPT. OF BUILDING INSPECTION CITY OF PORTLAND, ME AUG 17 2005 RECEIVED </div> Current use: <u>vacant</u> If the location is currently vacant, what was prior use: <u>apartment Bldg</u> Approximately how long has it been vacant: <u>2 months</u> Proposed use: <u>condos</u> Project description: <u>Interior renovations, adding fire doors to code</u>			
Contractor's name, address & telephone: <u>Ben Young, 6 Oak St, Kennebunk, ME 04043</u>		(50) 225 3rd 450 Condo 669 Build. 1,344	
Who should we contact when the permit is ready: <u>Cynthia O'Hanlon</u>			
Mailing address: <u>10 Oak St Street</u> <u>Kennebunk, ME 04043</u>			
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Planning Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>207-967-5224</u>			

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING PLANNING DEPARTMENT. WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 of applicant: Cynthia O'Hanlon Date: July 8, 2005

**This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the
Planning Department on the 4th floor of City Hall**

John and Cynthia O'Hanlon
10 Oak Street
Kennebunk, Maine 04043
(h) 207-967-5224
(c) 202-714-0300

Ms. Marge Schmukal
Zoning Administrator
City Of Portland
Portland, Maine 04101

Re: Response to your phone call inquiring why building located at **42-44** Ocean Avenue in Portland is vacant.

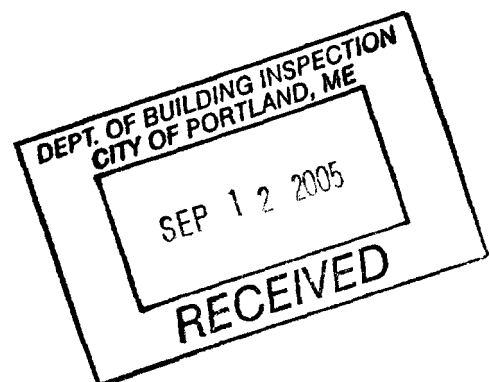
Dear Marge,

We acquired this property on June **3,2005**. At the time we acquired the property it was vacant and in need of repair. To our knowledge, one of the three units had been vacant for some time and two of the other units were vacated in the April/May time period. We understand that one of those units were students who planned on vacating the unit at the end of the school year and the other unit was a person who had been planning to move.

If you have any other questions, please do not hesitate to contact me. Thank you.

Sincerely,


G. John O'Hanlon



Submit with Condominium Conversion Permit Application

Project Data:

Address: 42-44 Ocean Ave, Portland, ME

C-B-L: _____

Number of Units in Building: 3

unit 1	<u>NO</u>			
unit 2	<u>NO</u>			
Unit 3	<u>NO</u>			
Unit				
Unit				

If more units, submit same information on all units

Length of time building owned by applicant June 3, 2005

Are any building improvements, renovations, or modifications being made associated with this conversion that requires a building, plumbing, electrical, or heating permit?

YES NO (check one)

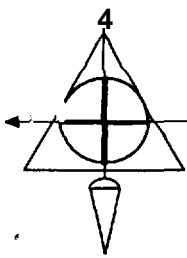
Type and cost of building improvements associated with this conversion that do not require permits:

\$ 2,000 Exterior walls, windows, doors, roof

\$ 0 Insulation

\$ 70,000 Interior cosmetics (walls/floors/hallways/refinishing, etc.)

\$ _____ Other (specify)



BACK BAY BOUNDARY, INC.
LAND SURVEYING

August 17, 2005

City of Portland
Building Inspections Department
389 Congress Street
Portland, Maine 04101

RE: **42-44** Ocean Avenue Condominium, Tax Map 129- B- 006

In addition to the plans being submitted today I would like to add the following information.

1. All demolition debris and refuse generated from the proposed reconditioning of this project will be disposed of in a licensed dumpster. The dumpster will be placed entirely on private property in the rear of the site and will not interfere with the public sidewalk. I have instructed our client to place it as close to the subject building as possible.
2. The fire doors proposed for this project will be readily available *Masonite® Metal Edge Steel Doors*. The doors will be pre-hung with appropriate fire rating of 90-minutes. A vendor sample sheet is attached showing the many varieties available. The six-panel design has been selected for the interior doors.
3. A sheet showing the wall construction detail of the stair enclosure has been attached. While this wall is not considered a load-bearing wall we have specified this type of construction given use of stairs.

If there should be any questions or comments on the herein submitted plans please contact us at your earliest convenience.

Sincerely,

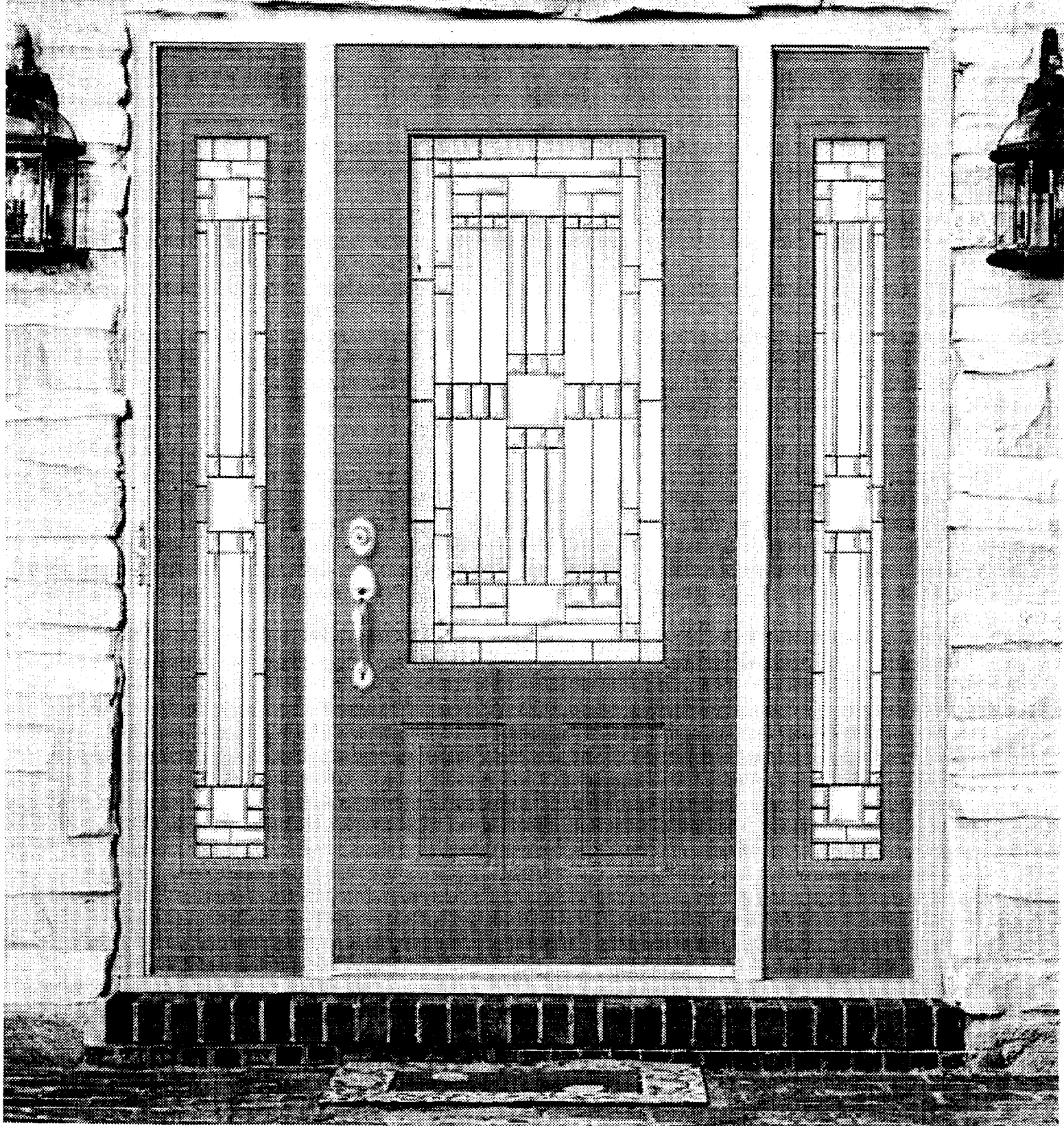
Robert T. Greenlaw, PLS

(207) 774-2855

643 Forest Avenue Portland, Maine 04101
Email Backbayboundary@cs.com

Fax (207) 347-4346

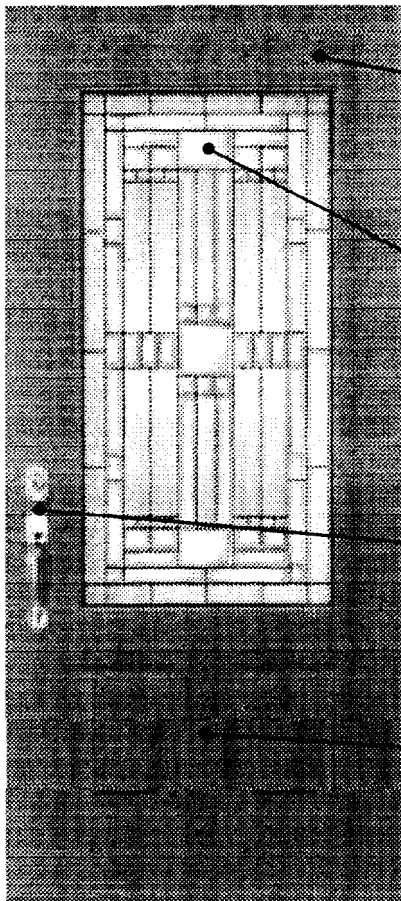
www.Backbayboundary.com



▲ Door: MMS-404-841 Sidelites: MWSSL-152-841

Masonite® Metal-Edge Steel Doors

This prime-coated, galvanized steel entry door resists corrosion and rusting while delivering strength and superior insulation. The metal-edge design provides greater security without sacrificing full perimeter protection. Available in numerous panel designs to suit any aesthetic need.



Premium Steel Facings

Prime coated, galvanized, 24-gauge, steel facings provide excellent corrosion protection. Doors constructed with 18 or 20-gauge steel facings are also available for heavy-duty applications.

Specialty™ Glass Inserts

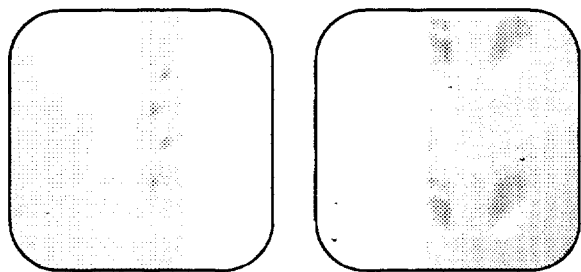
All decorative glass inserts feature a triple-pane 1" insulated assembly providing maximum design selection and performance. Double-pane insulated glass inserts and flush-glazed frame designs are also available.

Hardware Reinforcement

Reinforcement is added to the lock area providing a rigid mounting surface.

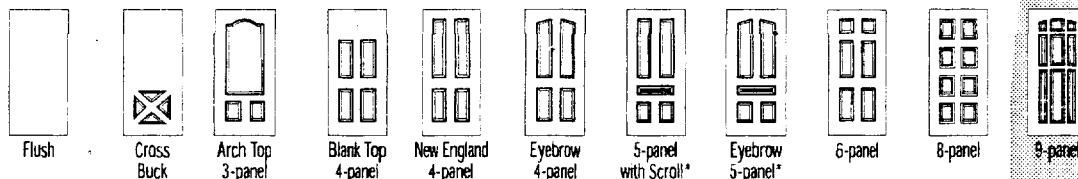
Polyurethane Core

Rigid polyurethane foam, meeting strict environmental guidelines, provides maximum thermal protection and dimensional stability.



Metal-Edge Construction

Hinge and lock stiles feature formed metal profiles maximizing rigidity, security and fire protection.



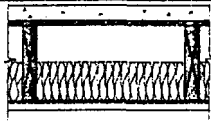
Width x Height	Flush	Cross Buck	Arch Top 3-panel	Blank Top 4-panel	New England 4-panel	Eyebrow 4-panel	5-panel with Scroll*	Eyebrow 5-panel*	6-panel	8-panel	9-panel
2'0" x 6'8"	■ ▲ ✳										
2'0" x 7'0"	■ ✳										
2'0" x 8'0"	■ ▲ ✳										
2'6" x 6'8"	■ ▲ ✳			■					■ ▲ ✳		
2'6" x 7'0"	■ ✳			■					■ ✳		
2'6" x 8'0"	■ ▲ ✳										
2'8" x 6'8"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
2'8" x 7'0"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
2'8" x 8'0"	■ ▲ ✳								■ ▲ ✳	■ ✳	
2'10" x 6'8"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
2'10" x 7'0"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
2'10" x 8'0"	■ ▲ ✳								■ ▲ ✳	■ ✳	
3'0" x 6'8"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
3'0" x 7'0"	■ ▲ ✳	■	■ ✳	■	■ ✳	■ ✳	■ ✳	■ ✳	■ ▲ ✳	■ ✳	■ ✳
3'0" x 8'0"	■ ▲ ✳								■ ▲ ✳	■ ✳	

Notes: ■ Masonite® Metal Edge Steel availability
 ✳ 90 minute fire door available
 * Available without scrolled center panel
 † features narrow panel layout
 ▲ Available in 18 gauge or 20 gauge steel facings
 ✓ 10 panel door

QUICK SELECTOR FOR FIRE AND SOUND RATED SYSTEMS

Veneer Plaster Floor/Ceiling-Wood Joists (cont'd) (CAD FILE NAME GOLDF.DWG OR GOLDF.DXF)

No.	Fire Rating	Ref.	Design No.	Description	STC	Test No.	IIC	
							No Carpet	Carpet & Pad
4	1 hr.	FM	FC193-1 hr.	1/2" (12.7 mm) Fire-ShieldG Kal-Kore attached to Resilient Furring Channels 24" o.c. (610 mm) with screws spaced 12" (305 mm) Elastizell concrete floor 1 1/2" (38.1 mm) thick, 3 1/2" (88.9 mm) mineral wool or glass fiber insulation 2x10 (38 mm x 241 mm) wood joists 16" o.c. (406 mm).	58	OC-2MT		



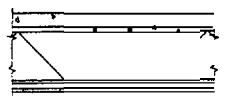
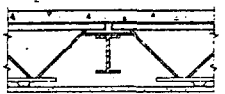
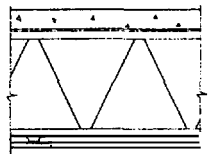
TRIPLE LAYER (floor truss)

5	2 hr.	UL	L538	5/8" (15.9 mm) Fire-ShieldG Kal-Kore, base layer screw attached perpendicular to bottom chord of 9 1/2" (241.3 mm) deep "I" shaped wood joist spaced 19.2" (487.7 mm) o.c. Resilient furring channel or 7/8" (22.2 mm) deep furring channel spaced 16" o.c. screw attached through base layer into and at right angles to joist. 5/8" (15.9 mm) Fire-ShieldG Kal-Kore, middle and face layers screw attached perpendicular to resilient furring channel or 7/8" (22.2 mm) deep furring channel. 5/8" (15.9 mm) T & G plywood floor sheathing.				
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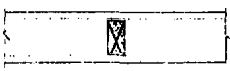
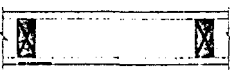
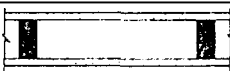
Veneer Plaster Floor/Ceiling-Steel Framing (CAD FILE NAME GOLDDG.DWG OR GOLDDG.DXF)

1	2 hr.	UL	G503	5/8" (15.9 mm) Fire-Shield Kal-Kore secured to furring channels spaced 12" o.c. (305 mm) with 1" (25.4 mm) screws 8" o.c. (203 mm). Concrete floor 2 1/2" (63.5 mm).	53	(Direct) Based on NGC 4075	21 Based on NGC 5121	67 Based on NGC 5122
					57	(Susp.) Based on NGC 4078	28 Based on NGC 5126	75 Based on NGC 5127
2	2 hr.	UL	G514 (3 hr. beam)	1/2" (12.7 mm) Fire-Shield G Kal-Kore secured to furring channels spaced 24" o.c. (610 mm) overall and 12" o.c. (305 mm) at butt joints with screws 12" o.c. (305 mm). Concrete floor 2 1/2" (63.5 mm).	53	(Direct) NGC 4075	21 NGC 5121	67 NGC 5122
					57	(Susp.) Based on NGC 4078	28 Based on NGC 5126	75 Based on NGC 5127
3	1 hr.	OSU	T-1936	5/8" (15.9 mm) Fire-Shield Kal-Kore secured to furring channels spaced 24" o.c. (610 mm) overall and 12" o.c. (305 mm) at butt joints attached to bar joists spaced 24" o.c. (610 mm). Concrete floor 2" (51 mm).	53	Based on NGC 4075	21 Based on NGC 5121	67 Based on NGC 5122



Gypsum Wallboard Partitions-Wood Framing (load-bearing) (CAD FILE NAME GOLDH.DWG OR GOLDH.DXF)

No.	Fire Rating	Ref.	Design No.	Description	STC	Test No.
SINGLE LAYER						
FIRE - SOUND						
1	45 min.	UL	U317	1/2" (12.7 mm) Fire-Shield G Gypsum Wallboard nailed both sides 2 x 4 (38 mm x 89 mm) studs, 16" o.c. (406 mm).	34	NGC 2161
2	1 hr.	UL GA	U305 WP 3605	5/8" (15.9 mm) Fire-Shield Gypsum Wallboard or 5/8" (15.9 mm) Fire-Shield MR Board nailed both sides 2' x 4 (38 mm x 89 mm) wood studs, 16" o.c. (406 mm).	35	NGC 2403
3	1 hr.	UL GA	U309 WP 3510	5/8" (15.9 mm) Fire-Shield Gypsum Wallboard or 5/8" (15.9 mm) Fire-Shield MR Board nailed both sides 2 x 4 (38 mm x 89 mm) studs, 24" o.c. (610 mm).	38	NGC 2404



MAINE REAL ESTATE TAX PAID

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that JAMES M. DUPLISSIE of Scarborough, Maine, for consideration paid, grants to CONDOS BY CYNTHIA, LLC, whose mailing address is 2201 Woodmont Road, Alexandria, Virginia 22307, with WARRANTY COVENANTS, the land in Portland, County of Cumberland and State of Maine, described below.

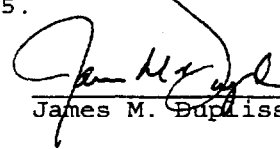
A certain lot or parcel of land with the buildings thereon, situated in the City of Portland, County of Cumberland and State of Maine on the northwesterly side of Ocean Avenue and the southwesterly side of Irving Street, bounded and described as follows:

Beginning at the comer formed by the intersection of the northwesterly side of Ocean Avenue with the southwesterly side of Irving Street; thence running southwesterly by Ocean Avenue fifty (50) feet to a point; thence Northwesterly parallel to Irving Street one hundred (100) feet to a point; thence northeasterly parallel to Ocean Avenue fifty (50) feet to Irving Street; thence Southeasterly by Irving Street, one hundred (100) feet to the point of beginning.

Being the same premises conveyed to the Grantor herein by deed of Peter G. Bryant and Audrey E. Bryant, dated August 27, 2001 and recorded in the Cumberland County Registry of Deeds in Book 16680, Page 33.

IN WITNESS WHEREOF, the said James M. Duplissie has set his hand this 3rd day of June, 2005.

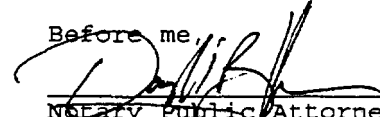
Witness


James M. Duplissie

STATE OF MAINE
COUNTY OF CUMBERLAND

June 3, 2005

Then personally appeared James M. Duplissie, and acknowledged the foregoing instrument to be his free act and deed.

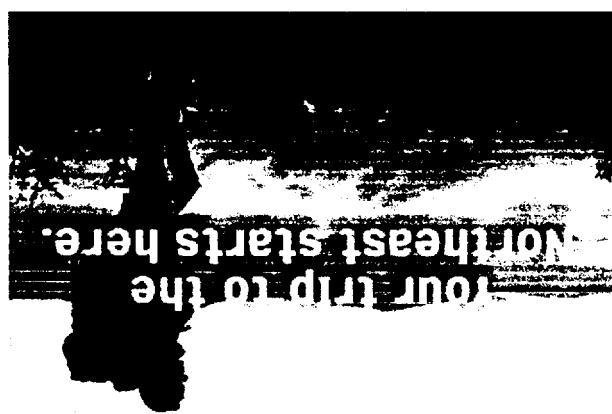
Before me,

Notary Public, Attorney-at-Law
Douglas F. BRITTON, ESQ.

Received
Recorded Register of Deeds
Jun 06:2005 02:18:34P
Cumberland County
John B O'Brien

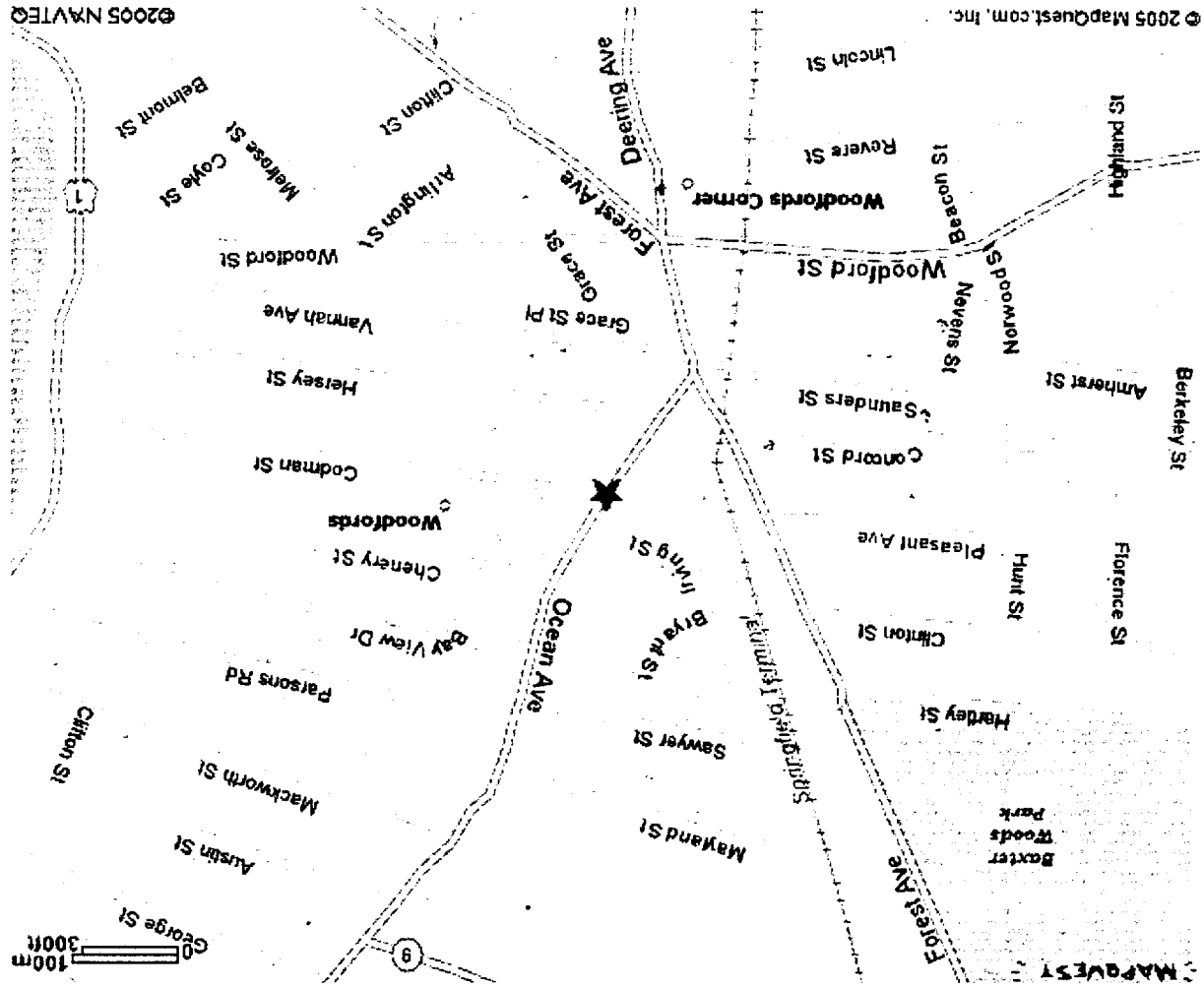
MAPQUEST

42 Ocean Ave
Portland ME
04103-5701 US

Notes:

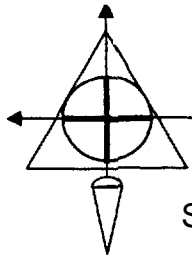


100m
300ft



NAVTEQ
ON BOARD
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This map is informational only. No representation is made or warranty given as to its content. User assumes all risk of use. MapQuest and its suppliers assume no responsibility for any loss or delay resulting from such use.



BACK BAY BOUNDARY, INC.
LAND SURVEYING

September 22, 2005

Mr. Michael Nugent
Building Inspections Department
City of Portland, Maine
389 Congress Street
Portland, Maine 04101

RE: 42-44 Ocean Avenue Condominiums

Dear Mike, .

Please find the revised plans of the above project enclosed. Per your recommendations we have added the notes and details you suggested. I have also included the specification sheets for the bathroom vents proposed for this project. Keeping the integrity of the fire rated assembly is always a challenge, but given the guidance of the newly adopted code I feel confident that our design will meet the criteria.

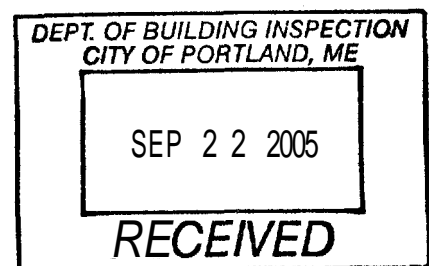
I thank you for meeting us yesterday and hope to hear from you should any questions arise.

Thanks again,

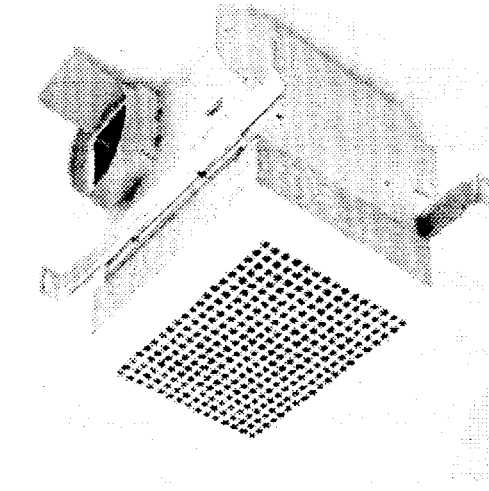
Bob

Robert T. Greenlaw, PLS

Enc. Revised set of plans of the above project.
Spec. sheets for vent assembly.



Fans Radiation Dampers



[Specification Sheet](#)

NOTE: Specification Sheets and Installation Guides are provided in Adobe Acrobat (.pdf) format. [Click here](#) to download Adobe Acrobat for free.

80CFM BLOWER W/METAL GRILLE Model 80RDB

- Housings and finishes (motor assembly and grille) sold separately in units of four per carton - purchase housings for rough-in and blower assemblies/grilles later for finishing.
- UL classified (UL standard 555C) for use in 1-, 2-, or 3-hour fire-rated floor-ceiling and roof-ceiling designs.
- Warnock Hersey Listing allows use in combustible ceilings with ducted fans.
- High temperature, non-asbestos, reinforced fiber thermal fabric.
- Galvanized steel frame.
- 212°F fusible link.
- Stainless steel negator-type closure spring.
- Available from 50 CFM to 110 CFM.
- Radiation damper comes attached to housing
- Blower assembly will fit into housing without the removal of the radiation damper - one less step in installation process.

Many local codes require that exhaust fans installed in fire-rated ceilings must be protected by dampers, which, in case of fire, protect against the spread of heat and flame.

Being fire-rated means the ability of a wall, floor/ceiling, or roof/ceiling to withstand the effects of fire for a specified period of time. NuTone ceiling radiation dampers are designed to protect the openings in 1-, 2-, or 3-hour fire-rated floor-ceiling and roof-ceiling designs.

When the temperature of the air passing through the damper exceeds 212°F, the fusible link melt and the thermal fabric, across the damper closes automatically to interrupt the airflow by becoming a flame and heat barrier, preventing rapid spread of fire to other areas.

Contact your local dealer for pricing information.

Additional Models Available:

RDA	J-CAN HOUSING W/RADIATION DMPR
80RDB	80CFM BLOWER W/METAL GRILLE
110RDB	110CFM BLOWER W/METAL GRILLE
HD50RDB	HEAVY DUTY 50CFM BLOWER W/METAL GRL
HD80RDB	HEAVY DUTY 80CFM BLOWER W/METAL GRL

In U.S.A. Call: 888-336-3948
In Canada Call: 1-905-670-2500

Privacy
02002 Broan-NuTone LLC

Technical Support: 888-336-6151
Customer Service: 888-336-3948
[Contact us](#)

DESCRIPTION

HOUSING:

- Rugged, 26-gauge galvanized steel construction
- Key-holed mounting brackets span up to 24" and are adjustable horizontally and vertically
- Reversible knockout bracket allows wiring from top or side
- 4" round duct fitting with built-in backdraft damper for easy duct connection

BLOWER:

- Plug-in, permanently lubricated motor
- Totally enclosed motor with long life bearings designed for continuous operation (HD80RDB, HD50RDB only)
- Centrifugal blower wheel

RADIATION DAMPER:

- For use in 1, 2 and 3 hour rated floor-ceiling and roof-ceiling constructions
- Galvanized steel frame
High temperature, lion-asbestos, reinforced fiber thermal fabric
- Stainless steel closure springs
- 165°F fusible link

GRILLE:

- Attractive steel grille painted white
- Low profile blends well with any decor

(1) ROUGH-IN KIT & (1) FINISH KIT MAKE A COMPLETE UNIT. PURCHASE EACH SEPARATELY.

Rough-in Kit

Model RDA • Contains housing and radiation damper (packed 4 per carton).

Finish Kits

Models 110RDB, 80RDB, HD80RDB and HD50RDB • Contain blower and grille (packed 4 per carton).

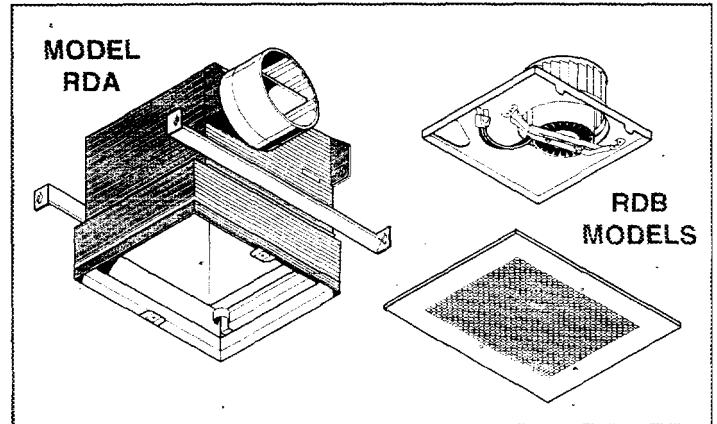
SPECIFICATIONS

RDA with	VOLTS	AMPS	CFM	SONES	DUCT
110RDB	120	1.3	110	4.0	4" ROUND
80RDB	120	0.5	85	2.5	4" ROUND
HD80RDB	120	0.5	80	2.5	ROUND ROUND
HD50RDB	120	0.4	50	1.5	ROUND ROUND

NuTone, Inc., 4820 Red Bank Road, Cincinnati, Ohio 45227 (1-800-543-8687)

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

Ventilating Fans With Radiation Dampers



INSTALLATION

Complete installation instructions are included with each Ventilating Fan Kit.

ARCHITECT'S SPECIFICATION

Ventilator with Radiation Damper shall be NuTone Model RDA with 110RDB (RDA with 80RDB) (RDA with HD80RDB) (RDA with HD50RDB).

Housing shall be made of galvanized steel and have adjustable mounting brackets. It shall have a built-in backdraft damper and be ducted to a roof or wall cap.

Blower shall be removable and have a centrifugal blower wheel. Motor shall be permanently lubricated.

Air delivery shall be no less than and sound level shall be no greater than values listed in the chart to the left. Air and sound ratings shall be certified by HVI.

Radiation damper shall be rated for use in up to three hour ceiling constructions. It shall be UL Classified and Warnock Hersey Listed (see other side for installation details).



