

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read
Application And
Notes, If Any,
Attached

Permit Number: 080080

This is to certify that RREEF AMERICA REIT III CORP Z4 /TRD
has permission to Tenant fit-up for fourth floor offices.
AT 2 PORTLAND SQ 038 B002001

APPROVED
FEB 12 2008

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 otherwise closed-in. 24 HOUR NOTICES REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]
Health Dept. _____
Appeal Board _____
Other _____
Department Name _____

[Signature] 2/12/08
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

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.

- ~~N/A~~ Footing/Building Location Inspection: Prior to pouring concrete
- ~~N/A~~ Re-Bar Schedule Inspection: Prior to pouring concrete
- ~~N/A~~ Foundation Inspection: Prior to placing ANY backfill
- Call Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling
- Call Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

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

Date

2/12/08


Signature of Inspections Official

Date

CBL: 038 B002 Building Permit #: 08 0080

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-0080	Issue Date:	CBL: 038 B002001
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Location of Construction: 2 PORTLAND SQ (fourth floor)	Owner Name: RREEF AMERICA REIT III CORP	Owner Address: PO BOX 4900 DEPT 207	Phone: 207-874-6000
Business Name:	Contractor Name: TBD	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone: B-3

Past Use: Commercial - Financial Group	Proposed Use: Commercial-Prudential Insurance.	Permit Fee: \$5,970.00	Cost of Work: \$595,000.00	CEO District: 1
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FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>See conditions</i>	INSPECTION: Use Group: <i>B</i> Type: <i>B</i> <i>IBC-2003</i>
Signature: <i>Greg Cass</i>	Signature: <i>AMB 2/12/08</i>

Proposed Project Description:
Tenant fit-up for fourth floor offices.

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: lmd	Date Applied For: 01/25/2008	Zoning Approval	
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<ol style="list-style-type: none"> 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.. 	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"/> <i>Or w/condition</i> Date: <i>1/25/08 AMB</i>	Zoning Appeal <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:	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: <i>AMB</i>
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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: 08-0080	Date Applied For: 01/25/2008	CBL: 038 B002001
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Location of Construction: 2 PORTLAND SQ (fourth floor)	Owner Name: RREEF AMERICA REIT III CORP	Owner Address: PO BOX 4900 DEPT 207	Phone: 207-874-6000
Business Name:	Contractor Name: TBD	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	

Proposed Use: Commercial-Prudential Insurance.	Proposed Project Description: Tenant fit-up for fourth floor offices.
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Ann Machado	Approval Date: 01/25/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Separate permits shall be required for any new signage.			
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: 02/12/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.			
2) All penetrations through rated assemblies must be protected by an approved firestop system installed as tested in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.			

Dept: Fire	Status: Approved with Conditions	Reviewer: Capt Greg Cass	Approval Date: 01/31/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) All means of egress shall remain unobstructed.			
2) The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance. Compliance letters are required.			
3) A single source supplier should be used for all through penetrations.			
4) All life safety systems shall remain operable while the building is occupied.			
5) Application requires State Fire Marshal approval.			

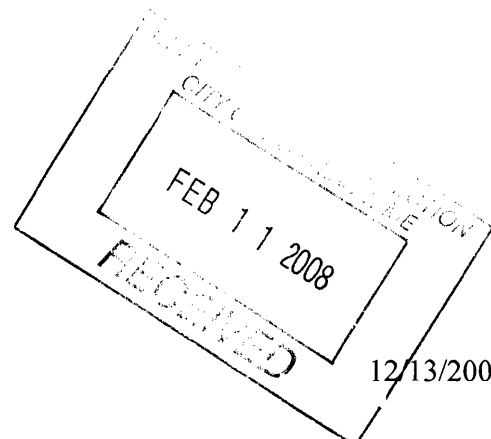
Comments:
2/11/2008-jmb: Left voicemail with architect for info on rooftop HVAC replacement unit and potential increased loads.
2/12/2008-jmb: Deirdre called back to inform a condensing unit is being replaced and the mechanical engineer confirmed the specs on weight are the same. She will send. Ok to issue

City of Portland Maine – Building or Use Permit Response Matrix

Prepared by Gawron Turgeon Architects

Permit No. 08-0080

Building Department Approval Condition	Response
1. All penetrations through rated assemblies must be protected by an approved firestop system installed as tested in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.	Please refer to Attachment # 1 – Project Manual, Specifications: Section 07841 – Through-Penetration Firestop Systems, 1.05.C.2
2. Separate permits are required for any electrical, plumbing, Or HVAC systems. Separate plans may need to be submitted for approval as part of this process.	Prior to any electrical, plumbing or HVAC systems construction each contractor shall apply for and obtain all required permits
Fire Department Approval Condition	Response
1. All means of egress shall remain unobstructed.	The general contractor will provide an unobstructed path for egress during the duration of construction.
2. A single source supplier should be used for all through penetrations. Please provide details.	Please refer to Attachment # 1 – Project Manual, Specifications: Section 07841 – Through-Penetration Firestop Systems, 1.05.B
3. All life safety systems shall remain operable while the building is occupied.	The general contractor will ensure that all life safety is operable during the duration of construction.
4. The fire alarm and sprinkler systems shall be reviewed by a licensed contractor(s) for code compliance.	Prior to any fire suppression and or sprinkler construction the contractor shall apply for and obtain all required permits
5. Applications require State Fire Marshal approval.	Please refer to Attachment #2 The State Fire Marshal reviewed the subject project for life safety and accessibility and issued a Construction Permit # 17206. Attached to this submission is a reproduction of the permit
Zoning Department Approval Condition	Response
1. Separate permits shall be required for any new signage	No signage is needed for the exterior of the building.
2. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.	Any additional work that will be done to the fourth floor will be submitted as a separate set of drawings And will be issued as a separate permit.





State of Maine
 Department of Public Safety
Construction Permit



Reviewed
 for Barrier
 Free

17409

Sprinkled
 Sprinkler Supervised

PRUDENTIAL- TWO PORTLAND SQUARE

Located at: TWO PORTLAND SQUARE

PORTLAND

Occupancy/Use: BUSINESS

Permission is hereby given to:

PRUDENTIAL
 1ST FLOOR
 213 WASHINGTON ST.
 NEWARK, NJ 071022992

to construct or alter the afore referenced building according to the plans hitherto filed with the Commisioner and now approved.

No departure from application form/plans shall be made without prior approval in writing. This permit is issued under the provision of Title 25, Chapter 317, Section 2448 and the provisions of Title 5, Section 4594 - F.

Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. Each permit issued shall be displayed/available at the site of construction.

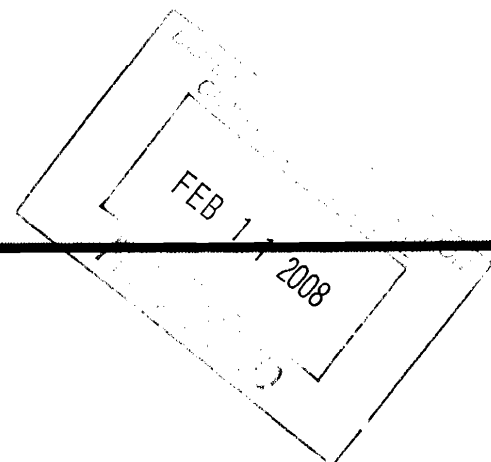
This permit will expire at midnight on the 27 th of July 2008

Dated the 28 th day of January A.D. 2008

Commissioner

Copy-2 Architect

Comments:



GAWRON TURGEON ARCHITECT

29 BLACK POINT RD.
 SCARBOROUGH, ME 04074



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>Two Portland Square</u>		
Total Square Footage of Proposed Structure <u>168,000 S.F.</u>		Square Footage of Lot <u>14,875 S.F.</u>
Tax Assessor's Chart; Block & Lot Chart# Block# Lot# <u>038 6 001001</u>	Owner: <u>RREEF America REIT 3</u> Managed <u>RREEF Leasing + Property</u> by: <u>one portland square</u> <u>Portland, me 04101</u>	Telephone: <u>FTT Corp 2-4, LLC</u> <u>1-207-874-6000</u>
Lessee/Buyer's Name (If Applicable) <u>Prudential</u>	Applicant name, address & telephone: <u>Prudential Insurance Co.</u> <u>213 Washington St. 1st Flr.</u> <u>Newark, NJ 07102</u> <u>1-973-367-7155</u> <u>David Dinsfrand</u>	Cost Of Work: <u>\$595,000</u> Fee: <u>\$ 5,970.00</u> C of O Fee: <u>\$ n/a</u>
Current legal use (i.e. single family) _____ If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>The project consists of interior renovation work to the fourth floor @ Two portland square.</u>	<u>BUSINESS - City Growth Program</u> <u>BUSINESS - INSWARE</u> <u>BUSINESS</u>	
Contractor's name, address & telephone: <u>TBD</u>		
Who should we contact when the permit is ready: <u>Luanne Cameron</u> Mailing address: _____ Phone: <u>1-207-462-4410</u>		

Please submit all of the information outlined in the Commercial Application 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 of applicant: <u>Luanne Cameron</u>	Date: <u>1/17/08</u>
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This is not a permit; you may not commence ANY work until the permit is issued.



New Commercial Permit Application Checklist

All of the following information is required and must be submitted. Checking off each item as you prepare your application package will ensure your package is complete and will help to expedite the permitting process.

One (1) complete Set of construction drawings must include:

Note: Construction documents for costs in excess of \$50,000.00 must be prepared by a Design Professional and bear their seal.

- Cross sections w/framing details *N/A*
- Detail of any new walls or permanent partitions
- Floor plans and elevations
- Window and door schedules
- Foundation plans with rebar specifications and required drainage and damp proofing (if applicable) *N/A*
- Detail egress requirements and fire separations
- Insulation R-factors of walls, ceilings, floors and U-factors of windows as per the IECC 2003
- Complete the Accessibility Certificate and The Certificate of Design
- A statement of special inspections as required per the IBC 2003 *N/A*
- Complete electrical and plumbing layout.
- Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review.
- Reduced plans or electronic files in PDF format are required if originals are larger than 11" x 17".
- Per State Fire Marshall, all new bathrooms must be ADA compliant.

Separate permits are required for internal & external plumbing, HVAC and electrical installations.

Nine (9) copies of the minor (< 10,000 sf) or major (> 10,000 sf) site plan application is required that includes:

No exterior changes

- A stamped boundary survey to scale showing north arrow, zoning district and setbacks to a scale of $\geq 1" = 20'$ on paper $\geq 11" \times 17"$
- The shape and dimension of the lot, footprint of the proposed structure and the distance from the actual property lines. Photocopies of the plat or hand draw footprints not to scale will not be accepted.
- Location and dimensions of parking areas and driveways, street spaces and building frontage
- Finish floor or sill elevation (based on mean sea level datum)
- Location and size of both existing utilities in the street and the proposed utilities serving the building
- Existing and proposed grade contours
- Silt fence (erosion control) locations

Fire Department requirements.

The following shall be submitted on a separate sheet:

- Name, address and phone number of applicant **and** the project architect.
- Proposed use of structure (NFPA and IBC classification)
- Square footage of proposed structure (total and per story)
- Existing and proposed fire protection of structure.
- Separate plans shall be submitted for *Existing suppression system*
 - a) Suppression system
 - b) Detection System (separate permit is required)
- A separate Life Safety Plan must include:
 - a) Fire resistance ratings of all means of egress
 - b) Travel distance from most remote point to exit discharge
 - c) Location of any required fire extinguishers
 - d) Location of emergency lighting
 - e) Location of exit signs
 - f) NFPA 101 code summary
- Elevators shall be sized to fit an 80" x 24" stretcher. *Existing building - existing elev.*

For questions on Fire Department requirements call the Fire Prevention Officer at (207) 874-8405.

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

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.

Permit Fee: \$30.00 for the first \$1000.00 construction cost, \$10.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



Certificate of Design Application

From Designer:

Gawron Ferguson Architects

Date:

Job Name: Prudential Two Portland Square fourth floor

Address of Construction: Two Portland Square - Portland, Maine

2003 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year IBC2003 Use Group Classification (s) existing Business occupancy, New business occupancy, Highrise building

Type of Construction TYPE II, O, O, O (existing)

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC Yes

Is the Structure mixed use? NO If yes, separated or non separated or non separated (section 302.3) _____

Supervisory alarm System? Yes Geotechnical/Soils report required? (See Section 1802.2) N/A

Existing structure - No structural work

Structural Design Calculations

n/a Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>n/a</u>	

Wind loads (1603.1.4, 1609)

n/a Design option utilized (1609.1.1, 1609.6)

Basic wind speed (1809.3)

Building category and wind importance Factor, w table 1604.5, 1609.5

Wind exposure category (1609.4)

Internal pressure coefficient (ASCE 7)

Component and cladding pressures (1609.1.1, 1609.6.2.2)

Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

n/a Design option utilized (1614.1)

Seismic use group ("Category")

Spectral response coefficients, S_D & S_{D1} (1615.1)

Site class (1615.1.5)

n/a Live load reduction

Roof live loads (1603.1.2, 1607.11)

Roof snow loads (1603.7.3, 1608)

Ground snow load, P_g (1608.2)

If $P_g > 10$ psf, flat-roof snow load P_f

If $P_g > 10$ psf, snow exposure factor, C_e

If $P_g > 10$ psf, snow load importance factor, I_s

Roof thermal factor, C_t (1608.4)

Sloped roof snowload, P_s (1608.4)

Seismic design category (1616.3)

Basic seismic force resisting system (1617.6.2)

Response modification coefficient, R , and deflection amplification factor, C_d (1617.6.2)

Analysis procedure (1616.6, 1617.5)

Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

n/a Flood Hazard area (1612.3)

n/a Elevation of structure

Other loads

n/a Concentrated loads (1607.4)

Partition loads (1607.5)

Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



Certificate of Design

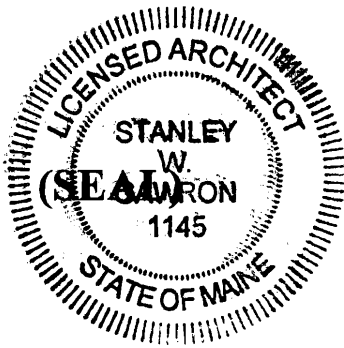
Date: 1-23-08

From: Gawron Turgeon Architects

These plans and / or specifications covering construction work on:

Two portland square, fourth floor.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2003 International Building Code** and local amendments.



Signature: Stan Gawron

Title: President

Firm: Gawron Turgeon Architects

Address: 29 Black Point rd.

Scarborough, me. 04074

Phone: 883-6307

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



Accessibility Building Code Certificate

Designer:

Gawron Turgeon Architects

Address of Project:

Two Portland Square fourth floor
Portland, maine

Nature of Project:

Interior renovation

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



Signature: Stan Gawron

Title: President

Firm: Gawron Turgeon Architects

Address: 29 Black Point rd.
Scarborough, me 04074

Phone: 883-6307

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



29 Black Point Road, Scarborough, Maine 04074-9358

Master Planning
Architecture
Interior Design
Landscape Architecture

PRINCIPALS
Stan Gawron, Architect
Mary Turgeon, NCIDQ #012130

TRANSMITTAL

RE: Prudential	To: City of Portland
Two Portland Square	Building Inspections Department
Portland, ME	389 Congress Street
# 110807	Portland, ME 04101

We are sending you:

- | | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Prints | <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Photography | <input type="checkbox"/> Presentation |
| <input type="checkbox"/> Layouts | <input checked="" type="checkbox"/> Specifications | <input type="checkbox"/> Samples | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> Estimates | <input checked="" type="checkbox"/> Plans | <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Other |

Copies	Date	Description
1 set	01-24-08	Plans & specifications
1	01-24-08	Disk w/ PDF copies of full set of plans
1	01-24-08	Application check
1	01-24-08	complete application

- | | | |
|--|--|---------------------------------------|
| <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Returned after loaned to us | <input type="checkbox"/> As requested |
| <input type="checkbox"/> Approved & noted | <input type="checkbox"/> Construction approval | <input type="checkbox"/> For approval |
| <input type="checkbox"/> Return ____ corrected prints | <input checked="" type="checkbox"/> For review & comment | <input type="checkbox"/> For bids due |
| <input type="checkbox"/> Resubmit ____ copies for ____ | <input type="checkbox"/> Submit ____ copies for ____ | |
| <input type="checkbox"/> For your use | | |

Remarks:
CC: file

Signed: Deirdre Pio

Date: 01/24/08

Jeanie Bourke - Two portland square Prudential condensing unit cut sheet

From: "Deirdre L.Pio" <dpio@gawronturgeon.com>
To: <JMB@portlandmaine.gov>
Date: 2/12/2008 9:05 AM
Subject: Two portland square Prudential condensing unit cut sheet

Jeanie,

Attached is the cut sheet you requested.

Thanks, Deirdre

Deirdre L. Pio, CSI, CDT
Project Manager

GAWRON TURGEON ARCHITECTS
29 Black Point Road
Scarborough, Maine 04074
207.883.6307 *tel*
207.883.0361 *fax*

www.gawronturgeon.com

FEB 13 2008

SUBMITTAL DATA: PKA-A12GAL & PUY-A12NHA
12,000 Btu/h WALL-MOUNTED AIR-CONDITIONING SYSTEM

Job Name: _____	Location: _____	Date: _____
Purchaser: _____	Engineer: _____	
Submitted to: _____	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
Unit Designation: _____	Schedule No.: _____	

GENERAL FEATURES

- Limited warranty: one year on parts and defects and six years on compressor
- Compact side-discharge outdoor unit
- Zone control
- Wireless remote controller
- Automatic fan speed control
- Quiet operation – both, indoor and outdoor units
- Auto restart following a power outage
- Self check function
- Advanced microprocessor control

Rated capacity	12,000 Btu/h
Minimum capacity	6,000 Btu/h
Total input	1210 W
SEER	13.8
Power supply	208 / 230V, 1 Phase, 60 Hz
Breaker size	15 A

Voltage

Indoor - outdoor S1-S2	AC 208/230V
Indoor - outdoor S2-S3	DC 24V
Indoor - remote controller	wired

Indoor unit

MCA	1 A
Fan motor	0.33 F.L.A.
Fan motor output	30 W
Airflow (Lo-M1-M2-Hi)	320-350-390-425 Dry CFM
	290-315-350-380 Wet CFM
Sound level (Lo-M1-M2-Hi)	36-38-41-43 dB(A)

DIMENSIONS	INCHES	MM
W	39	990
D	9-1/4	235
H	13-3/8	340

Weight (lbs/kg)	35 / 16
Field drain pipe size I.D. (inches/mm)	3/4 / 19.05



Indoor Unit: PKA-A12GAL



Outdoor Unit: PUY-A12NHA

Outdoor unit

Compressor	DC inverter/twin rotary
MCA	13
Fan motor	0.35 F.L.A.
Sound level	46 dB(A)

DIMENSIONS	INCHES	MM
W	31-1/2	800
D	13 + 7/8	330 + 23
H	23-5/8	600

Weight (lbs/Kg)	90 / 41
Refrigerant type	R410A
Refrigerant pipe size O.D. (inches/mm)	
gas side	1/2 / 12.7
liquid side	1/4 / 6.35
Max. refrigerant pipe length (ft/m)	100 / 30
Max. refrigerant pipe height difference (ft/m)	100 / 30
Connection method	flared

NOTES :

*1. Rating conditions (cooling)-indoor : D.B. 80°F, W.B. 67°F
 outdoor : D.B. 95°F, W.B. 75°F.

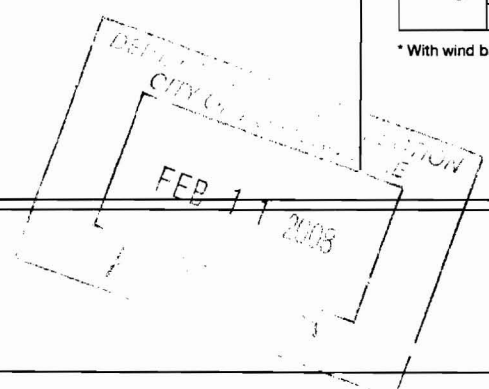
Operating range

		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 0°F *

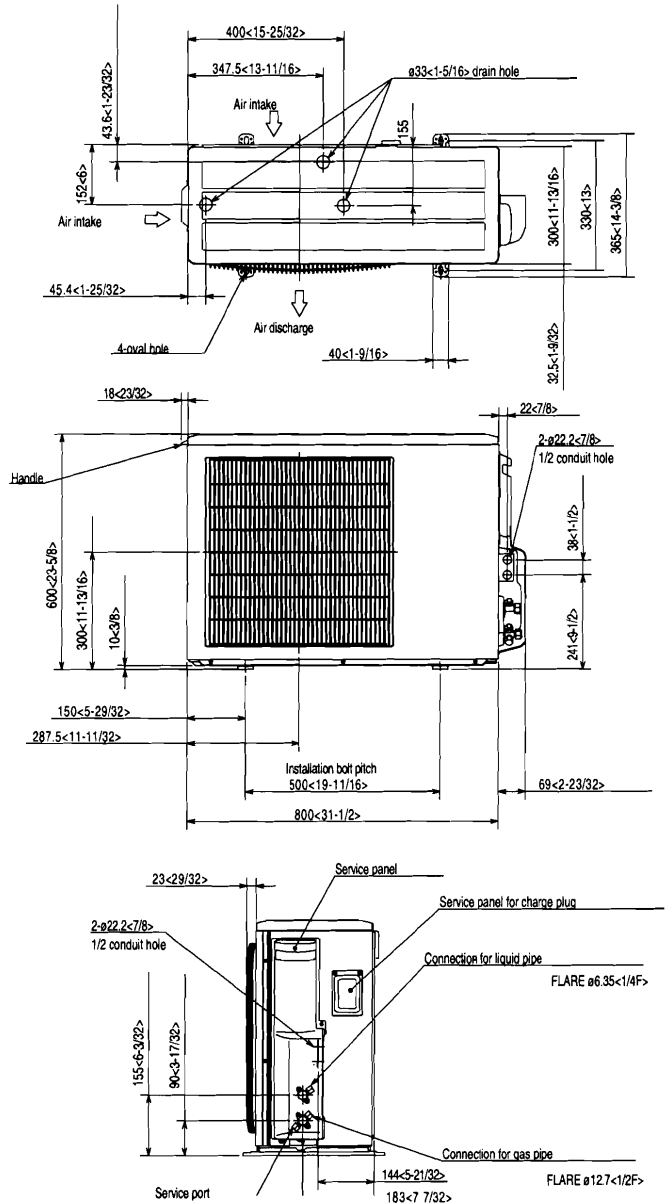
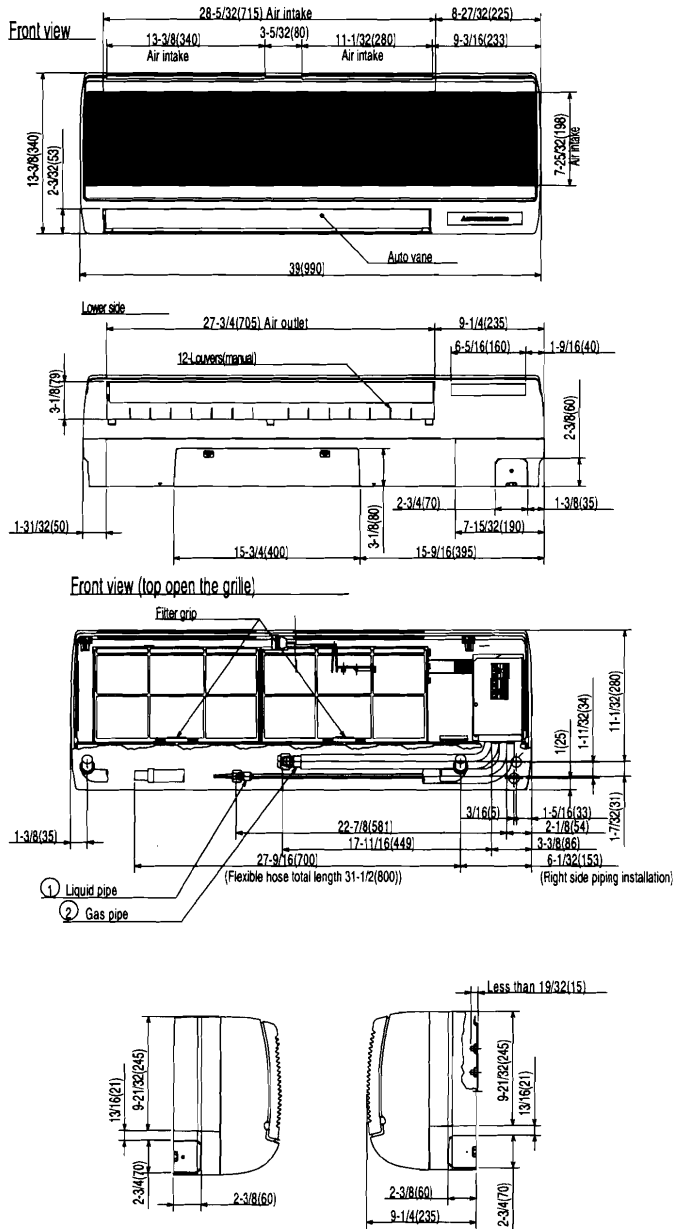
* With wind baffle installed. If not installed, the minimum rated temperature is 23°FDB.



Notes:



DIMENSIONS: PKA-A12GAL & PUY-A12NHA



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