

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

## CITY OF PORTLAND

Please Read  
Application And  
Notes, If Any,  
Attached

BUILDING INSPECTION  
PERMIT

Permit Number: 061415

PERMIT ISSUED

This is to certify that APEX INVESTMENT REALTY ASSOC / Paul Cloutierhas permission to Interior renovations adding doors and partitionsAT 847 CONGRESS ST

053-C018001

provided that the person or persons who accept 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 when permission is procured before this building or part thereof is opened or services closed-in. 4 HOUR NOTICE REQUIRED.

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

## OTHER REQUIRED APPROVALS

Fire Dept. Jay Kelbey P.F.D. 10/3/06

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_

Department Name

*Michael R. Collins* 10/28/06  
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 ISSUED**

Permit No: 06-1415	Issue Date:	CBL: 053 C018001
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Location of Construction: 847 CONGRESS ST	Owner Name: APEX INVESTMENT REALTY A	Owner Address: 22 MONUMENT SQ	Phone:
Business Name:	Contractor Name: Paul Cloutier	Contractor Address: CITY OF PORTLAND	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-6

Past Use: Residential 7 units	Proposed Use: Residential 7 units interior renovations adding doors and partion walls	Permit Fee: \$270.00	Cost of Work: \$25,000.00	CEO District: 2
Proposed Project Description: Interior renovations adding doors and partion walls		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: 50 IRC 2003 IBC 2003	
		Signature: J.K.P.D. 10/3/06		Signature: [Signature] 10/05/06
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: dmartin	Date Applied For: 09/26/2006	<b>Zoning Approval</b>		
<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"/> Denied Date: 9/27/06	<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 Date:

**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> 06-1415	<b>Date Applied For:</b> 09/26/2006	<b>CBL:</b> 053 C018001
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<b>Location of Construction:</b> 847 CONGRESS ST	<b>Owner Name:</b> APEX INVESTMENT REALTY A	<b>Owner Address:</b> 22 MONUMENT SQ	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Paul Cloutier	<b>Contractor Address:</b> Portland	<b>Phone:</b>
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Alterations - Dwellings	

<b>Proposed Use:</b> Residential 7 units interior renovations adding doors and partition walls.	<b>Proposed Project Description:</b> Interior renovations adding doors and partion walls
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 09/27/2006**Note:** **Ok to Issue:** 

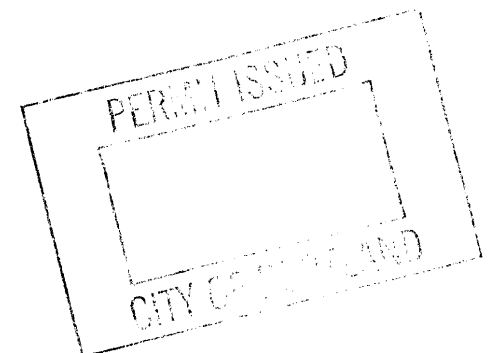
- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This property shall remain a seven (7) family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 4) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Michael A. Collins      **Approval Date:** 10/05/2006**Note:** **Ok to Issue:** 

- 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) The design load spec sheets for any engineered beam(s) must be submitted to this office.
- 3) All penetrations between dwelling units and dwelling units and common areas shall be protected with approved firestop materials, and recessed lighting/vent fixtures shall not reduce the (1 hour) required rating.

**Dept:** Fire      **Status:** Approved      **Reviewer:** Jay Kelley      **Approval Date:** 10/03/2006**Note:** **Ok to Issue:** 

- 1) Build to current code and maintain proper egress





# 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: <sup>847</sup> <del>853</del> CONGRESS STREET		
Total Square Footage of Proposed Structure		Square Footage of Lot 9758
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# 53      C      18,17	Owner: APEX REALTY INVESTMENT 1880 L. 40 AVE COUTIER	Telephone: 699-2808
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: PAUL COUTIER 14 Whitehall Avenue So PORTLAND, ME 04106 699-2808	Cost Of Work: \$ 25000 Fee: \$ 270. C of O Fee: \$ N/A
Current Specific use: 2 OF 7 APARTMENTS Proposed Specific use: 2 OF 7 APARTMENTS		
Project description: INTERIOR RENOVATIONS OF 2 UNITS ; #2 and #7      Doors & Partition walls		
Contractor's name, address & telephone: PAUL COUTIER, 14 Whitehall Ave. So PORTLAND ME 04106 699-2808		
Who should we contact when the permit is ready: PAUL COUTIER Mailing address: PAUL COUTIER 14 Whitehall Ave So PORTLAND, ME 04106 Phone: 699-2808		

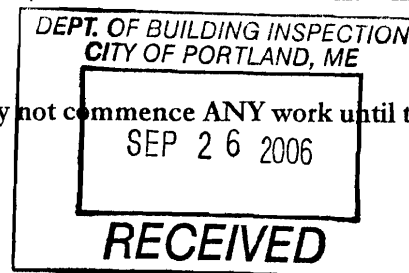
Please submit all of the information outlined in the Commercial Application Checklist.  
Failure to do so will result in the automatic denial of your permit.

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 visit us on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), stop by the Building Inspections 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: *Paul Coutier*

Date: 9/26/06



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

# 1346

LAND USE - ZONING REPORT

ADDRESS: 847-853 Congress St. DATE: 3/16/01

REASON FOR PERMIT: interior rehab to existing Dwelling units #2 & #

BUILDING OWNER: Apex Investment Realty B-L: 053-C-017 & 018

PERMIT APPLICANT: Paul Cloutier

APPROVED: with conditions: #1, #7, #9, #10

CONDITION(S) OF APPROVAL

1. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
2. During its existence, all aspects of the Home Occupations criteria, Section 14-410, shall be maintained.
3. All the conditions placed on the original, previously approved, permit issued on \_\_\_\_\_ are still in effect for this amendment, and/or revised permit.
4. The footprint of the existing \_\_\_\_\_ shall not be increased during maintenance reconstruction.
5. Your present structure is legally nonconforming as to setbacks. If you are to demolish this structure on your own volition, you will only have one (1) year to replace it in the same footprint (no expansions), with the same height, and the same use. Any changes to any of the above shall require that this structure met the current zoning standards.
6. This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
7. Our records indicate that this property has a legal use of seven units. Any change in this approved use shall require a separate permit application for review and approval.
8. Separate permits shall be required for any new signage.
9. Separate permits shall be required for future decks, sheds, pool(s), and/or garage.
10. This is not an approval for an additional dwelling unit. You shall not add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. without special approvals.
11. All of the attached Floodplain forms shall be appropriately filled out, signed, and returned prior to the issuance of any certificates of occupancy.
12. Other requirements of condition: \_\_\_\_\_

Marge Schmuckal Marge Schmuckal, Zoning Administrator

**Scope of Work**  
**Interior Renovations**

**Apartment 2 (First Floor Rear)**

1. Remove interior finishes
2. Install fire rated door rear hall.
3. Party walls to receive 5/8" firecode sheetrock and 3.5" insulation (fire and sound).
4. Stud and ceiling cavities to be fire blocked.
5. Ceilings to receive 5/8" firecode sheetrock on resilient channels with 3.5" minimum insulation. (see detail - 1 Hour Fire, 50 to 54 STC Sound)
6. All framing penetrations to be sealed with appropriate fire rated caulk material.
7. All ceiling penetrations for recess lighting, fans, etc to be lined with 5/8" fire code sheetrock or fire rated fixtures will be used.
8. Install new bathroom sink, water closet, vanity.
9. Install new kitchen cabinetry, kitchen sink.
10. Update electrical service and wiring (separate permit).

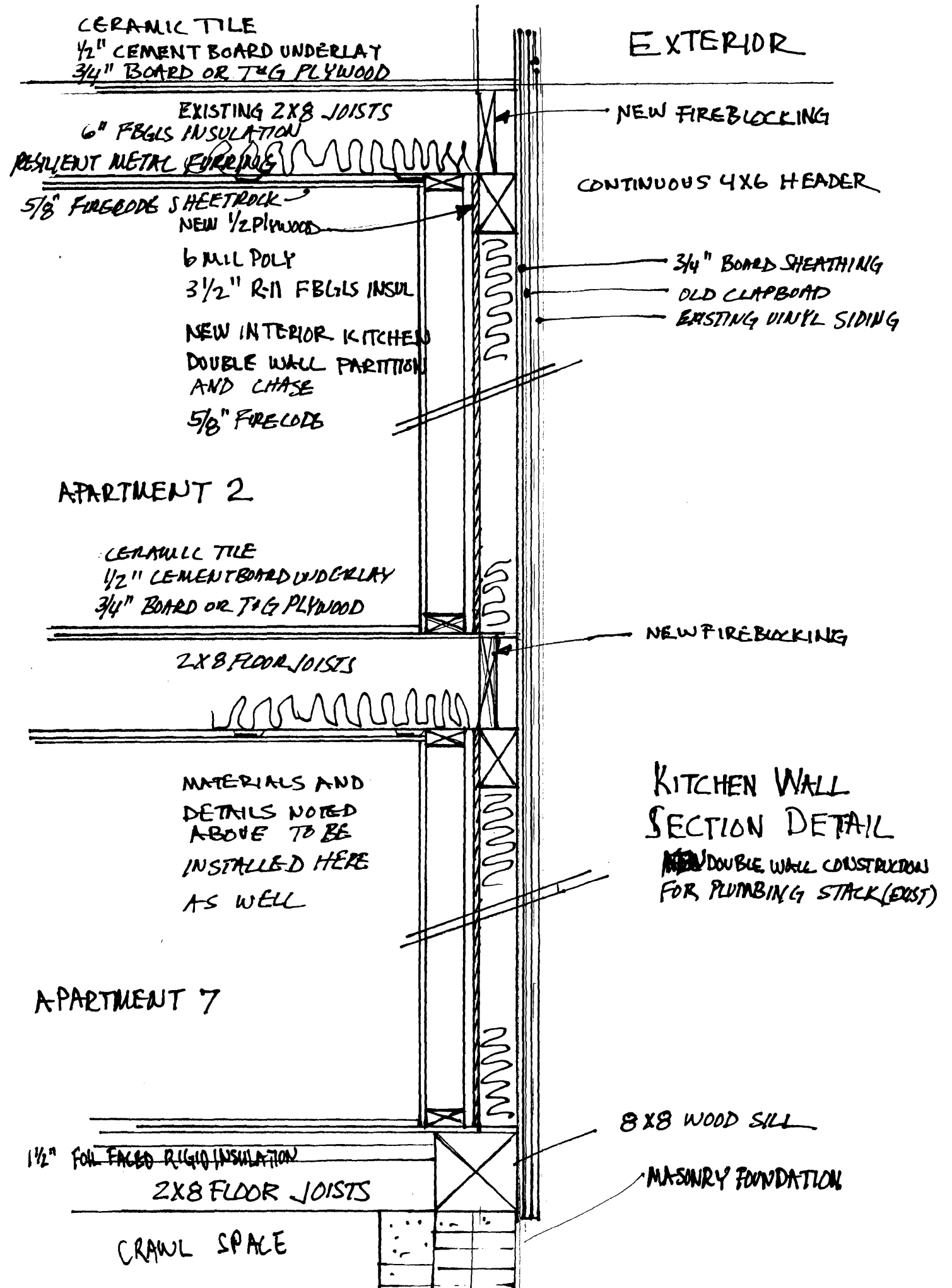
<b>Unit</b>	<b>Location</b>	<b>Description</b>	<b>Size</b>
A2-W1	Kitchen	Existing vinyl replacement window	
A2-W2	Kitchen	Existing vinyl replacement window	
A2-W3	Cubby	Existing vinyl replacement window	
A2-W4	Living room	Existing vinyl replacement window	
A2-W5	Living room	Existing vinyl replacement window	
A2-W6	Living room	Existing vinyl replacement window	
A2-W7	Bedroom	Existing vinyl replacement window	
A2-W8	Bathroom	Existing vinyl replacement window	
A2-D1	Front Entry	Existing metal entry door	36 x 80
<b>A2-D2</b>	<b>Rear Entry</b>	<b>New fire rated replacement door and metal frame</b>	<b>36 x 80</b>

**Scope of Work**  
**Interior Renovations**

**Apartment 7 (Daylight Basement Level Rear)**

1. Remove interior finishes
2. Install fire rated door rear hall.
3. Party walls to receive 5/8" firecode sheetrock and 3.5" insulation (fire and sound).
4. Stud and ceiling cavities to be fire blocked.
5. Ceilings to receive 5/8" firecode sheetrock on resilient channels with 3.5" minimum insulation. (see detail - 1 Hour Fire, 50 to 54 STC Sound)
6. All framing penetrations to be sealed with appropriate fire rated caulk material.
7. All ceiling penetrations for recess lighting, fans, etc to be lined with 5/8" fire code sheetrock or fire rated fixtures will be used.
8. Install new bathroom sink, water closet, vanity.
9. Install new kitchen cabinetry, kitchen sink.
10. Install/replace wood window sash with vinyl replacement sash where needed.
11. Update electrical service and wiring (separate permit).
12. Raise window units under existing 4 x 6 continuous header. (see detail)
13. Install/replace existing south side living room window with door to exterior.

<b>Unit</b>	<b>Location</b>	<b>Description</b>	<b>Size</b>
A7-W1	Kitchen	Install vinyl replacement window in existing frame	
A7-W2	Kitchen	Install vinyl replacement window in existing frame	
A7-W3	Cubby	Install vinyl replacement window in existing frame	
A7-W4	Living room	Install vinyl replacement window in existing frame	
A7-W5	Living room	Install vinyl replacement window in existing frame	
A7-W6	Living room	Install vinyl replacement window in existing frame or Door to exterior within existing framed RO.	
A7-W7	Bedroom	Install vinyl replacement window in existing frame	
A7-W8	Bathroom	Vinyl replacement window in existing frame	
A7-W9	Bedroom	Existing vinyl replacement window	
A7-D1	Front Entry	Existing fire rated metal entry door	36 x 80
A7-D2	Rear Entry	New fire rated replacement door and metal frame	36 x 80
A7-D3	Living Room Entry (option)	Metal exterior door	36 x 80



CERAMIC TILE  
 1/2" CEMENT BOARD UNDERLAY  
 3/4" BOARD OR T&G PLYWOOD

EXTERIOR

EXISTING 2x8 JOISTS  
 6" FBGLS INSULATION  
 RESILIENT METAL FURRING

NEW FIREBLOCKING

5/8" FIRECODE SHEETROCK  
 NEW 1/2" PLYWOOD

CONTINUOUS 4x6 HEADER

6 MIL POLY  
 3 1/2" R-11 FBGLS INSUL

3/4" BOARD SHEATHING  
 OLD CLAPBOARD  
 EXISTING VINYL SIDING

NEW INTERIOR KITCHEN  
 DOUBLE WALL PARTITION  
 AND CHASE

5/8" FIRECODE

APARTMENT 2

CERAMIC TILE  
 1/2" CEMENT BOARD UNDERLAY  
 3/4" BOARD OR T&G PLYWOOD

NEW FIREBLOCKING

2x8 FLOOR JOISTS

MATERIALS AND  
 DETAILS NOTED  
 ABOVE TO BE  
 INSTALLED HERE  
 AS WELL

KITCHEN WALL  
 SECTION DETAIL  
 NEW DOUBLE WALL CONSTRUCTION  
 FOR PLUMBING STACK (EXIST)

APARTMENT 7

1 1/2" FOIL FACED RIGID INSULATION  
 2x8 FLOOR JOISTS

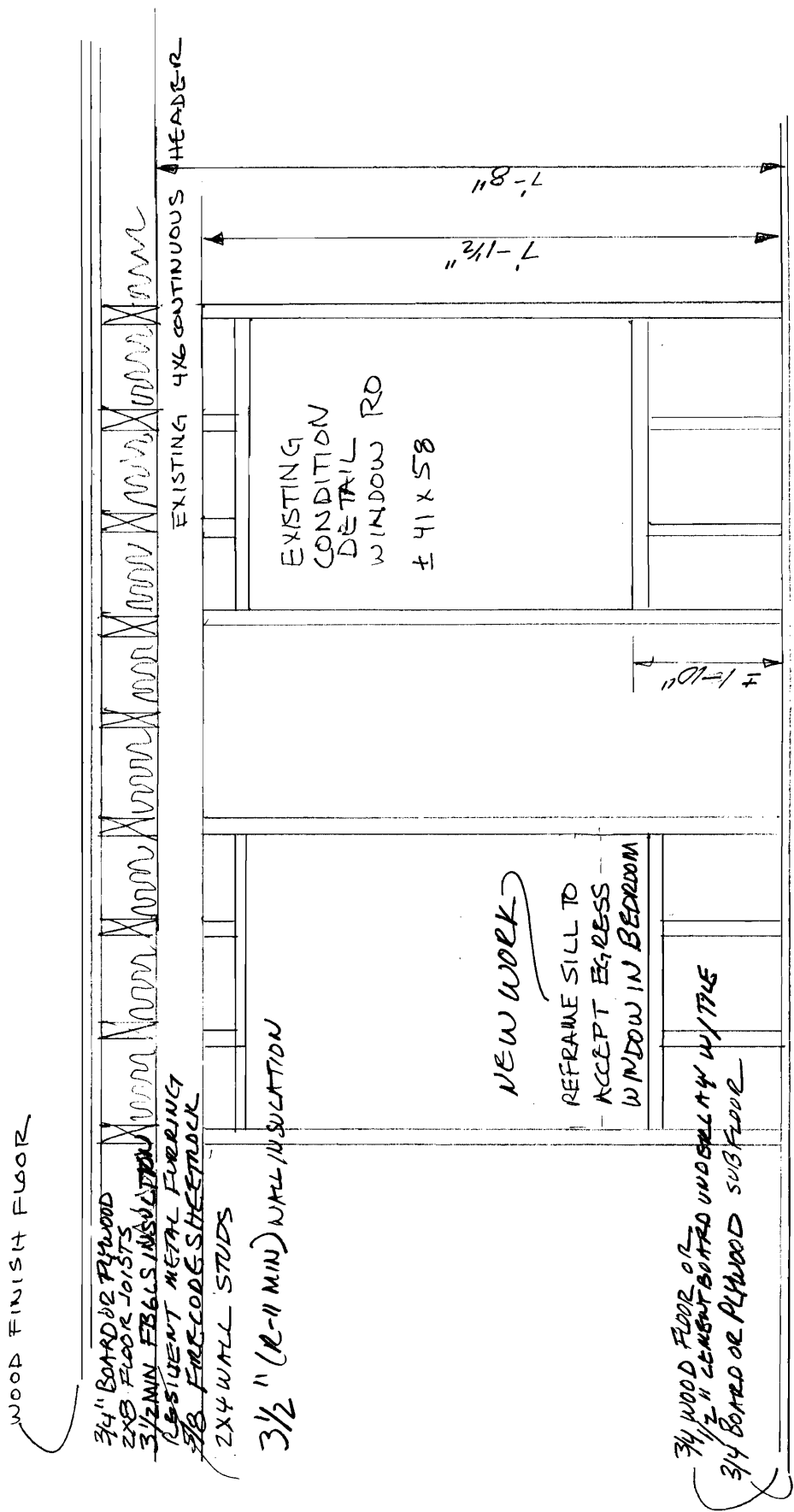
8x8 WOOD SILL

MASONRY FOUNDATION

CRAWL SPACE



LOWER LEVEL WINDOW FRAME ELEVATIONS



## FLOOR/CEILING SYSTEMS, WOOD FRAMED

GA FILE NO. FC 5105

PROPRIETARY

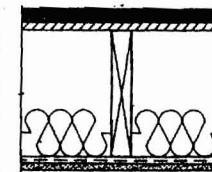
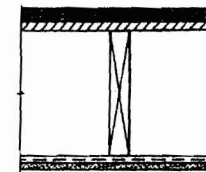
1 HOUR  
FIRE

55 TO 59 STC  
SOUND

### GYPHUM WALLBOARD, RESILIENT CHANNELS, WOOD JOISTS

One layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient furring channels 24" o.c. with 1" Type S drywall screws 12" o.c. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channel 60" long with screws at 12" o.c. Resilient channels applied at right angles to 2 x 10 wood joists 16" o.c. with 6d common nails. Wood joists supporting 19/32" plywood and 1" proprietary sanded gypsum underlayment.

STC rated with 3 1/2" glass fiber insulation in joist spaces and with carpet and pad. Second layer of gypsum wallboard required to achieve 1 hour fire resistance rating when glass fiber insulation is used.



Approx. Ceiling

Weight: 2 psf  
Fire Test: UL R6352, 4-21-71,  
UL Design L502  
Sound Test: G&H BW-10 MT, 10-13-70  
IIC & Test: (73 C & P)  
G&H BW-10 MT, 10-13-70

#### PROPRIETARY GYPHUM BOARD

American Gypsum Company	-	1/2" TYPE X PLUS
Celotex Corporation	-	1/2" FI-ROK PLUS™
Continental Gypsum	-	1/2" MoreRock® FireBar® Type C (CGTC-C)
G-P Gypsum	-	1/2" GyProc® Fireguard® C
James Hardie Gypsum	-	1/2" HardiRock® Brand Max "C"™ Gypsum Panels
Lafarge Gypsum	-	1/2" Firecheck® Type C
Pabco Gypsum	-	1/2" FLAME CURB® Super 'C'
Temple-Inland Forest Products Corporation	-	1/2" FIRE-RATED "T"

GA FILE NO. FC 5107

PROPRIETARY

1 HOUR  
FIRE

55 TO 59 STC  
SOUND

### GYPHUM WALLBOARD, RESILIENT CHANNELS, WOOD JOISTS, GYPHUM FLOOR UNDERLAYMENT

One layer 5/8" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to resilient furring channels 24" o.c. with 1" Type S drywall screws 12" o.c. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channel 54" long with screws at 12" o.c. Resilient furring channels applied at right angles to 2 x 10 wood joists 16" o.c. with 1 1/4" Type W screws. Wood joists supporting 19/32" plywood subfloor and 3/4" 1000 psi sanded gypsum floor underlayment.



Approx. Ceiling

Weight: 3 psf  
Fire Test: UL R1319-65, 11-16-64,  
UL Design L514  
Field Sound Test: INTEST 5-761-3, 12-5-77

#### PROPRIETARY GYPHUM BOARD

Celotex Corporation	-	5/8" FI-ROK PLUS™
Continental Gypsum	-	5/8" MoreRock® FireBar® Type C (CGTC-C)
G-P Gypsum	-	5/8" GyProc® Fireguard® C
James Hardie Gypsum	-	5/8" HardiRock® Brand Max "C"™ Gypsum Panels
Lafarge Gypsum	-	5/8" Firecheck® Type C
Pabco Gypsum	-	5/8" FLAME CURB® Super 'C'
United States Gypsum Company	-	5/8" SHEETROCK® Brand Gypsum Panels, FIRECODE® C Core

GA FILE NO. FC 5110

GENERIC

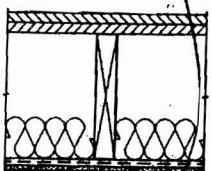
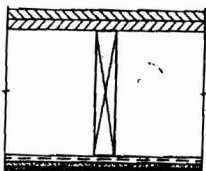
1 HOUR  
FIRE

50 TO 54 STC  
SOUND

### WOOD JOISTS, GYPHUM LATH, GYPHUM PLASTER, RESILIENT CHANNELS

1/2" 1:2-1:3 gypsum-sand plaster applied over 3/8" type X gypsum lath applied at right angles to resilient furring channels 16" o.c. with three 3/4" Type S drywall screws at each furring channel 3" wide woven wire strips applied over gypsum lath and parallel to and directly over resilient channels with 7/8" Type S drywall screws with diamond washers 16" o.c. Resilient channels applied at right angles to 2 x 10 wood joists 16" o.c. with 6d coated nails, 17/8" long, 0.0915" shank, 1/4" heads. Wood joists supporting 1" nominal wood subfloor and 1" nominal wood finish floor.

Sound tested with 3" glass fiber insulation batts in joist space, sound deadening felt, and carpet and pad.



Approx. Ceiling

Weight: 6.25 psf  
Fire Test: SFT-42, 5-7-66  
Sound Test: CK 6712-5, 6-9-67  
IIC & Test: (68 C & P)  
CK 6712-5, 6-9-67

† Contact the manufacturer for more detailed information on proprietary products.

N/A



CITY OF PORTLAND  
BUILDING CODE CERTIFICATE  
389 Congress St., Room 315  
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Service

FROM: \_\_\_\_\_

RE: Certificate of Design

DATE: \_\_\_\_\_

These plans and / or specifications covering construction work on:

\_\_\_\_\_

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

(SEAL)

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Firm: \_\_\_\_\_

Address: \_\_\_\_\_

As per Maine State Law:

\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

N/A

FROM DESIGNER: \_\_\_\_\_

DATE: \_\_\_\_\_

Job Name: \_\_\_\_\_

Address of Construction: \_\_\_\_\_

**2003 International Building Code**

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

Building Code and Year \_\_\_\_\_ Use Group Classification(s) \_\_\_\_\_

Type of Construction \_\_\_\_\_

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

Is the Structure mixed use? \_\_\_\_\_ if yes, separated or non separated (see Section 302.3) \_\_\_\_\_

Supervisory alarm system? \_\_\_\_\_ Geotechnical/Soils report required? ( See Section 1802.2) \_\_\_\_\_

**STRUCTURAL DESIGN CALCULATIONS**

\_\_\_\_\_ Submitted for all structural members  
(108.1, 108.1.1)

\_\_\_\_\_ Live load reduction  
(1603.1.1, 1607.9, 1607.10)

\_\_\_\_\_ Roof live loads (1603.1.2, 1607.11)

**DESIGN LOADS ON CONSTRUCTION DOCUMENTS  
(1803)**

\_\_\_\_\_ Roof snow loads (7603.7.3, 1608)

\_\_\_\_\_ Uniformly distributed floor live loads (7603.11, 1607)

\_\_\_\_\_ Ground snow load,  $P_g$  (1608.2)

Floor Area Use \_\_\_\_\_ Loads Shown \_\_\_\_\_

\_\_\_\_\_ If  $P_g > 10$  psf, flat-roof snow load,  $P_f$   
(1608.3)

\_\_\_\_\_ If  $P_g > 10$  psf, snow exposure factor,  $C_e$   
(Table 1608.3.1)

\_\_\_\_\_ If  $P_g > 10$  psf, snow load importance  
factor,  $I_s$  (Table 1604.5)

\_\_\_\_\_ Roof thermal factor,  $C_t$  (Table 1608.3.2)

\_\_\_\_\_ Sloped roof snowload,  $P_s$  (1608.4)

\_\_\_\_\_ Seismic design category (1616.9)

\_\_\_\_\_ Basic seismic-force-resisting system  
(Table 1617.8.2)

**Wind loads (1603.1.4, 1609)**

\_\_\_\_\_ Design option utilized (1609.1.1, 1609.6)

\_\_\_\_\_ Basic wind speed (1609.3)

\_\_\_\_\_ Building category and wind importance  
factor,  $I_w$  (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)

\_\_\_\_\_ Response modification coefficient,  $R$ ,  
and deflection amplification factor,  $C_d$   
(Table 1617.8.2)

\_\_\_\_\_ Analysis procedure (1616.6, 1617.5)

\_\_\_\_\_ Design base shear (1617.4, 1617.5.1)

**Flood loads (1603.1.8, 1612)**

\_\_\_\_\_ Flood hazard area (1612.3)

\_\_\_\_\_ Elevation of structure

**Other loads**

**Earthquake design data (1603.1.5, 1614-1623)**

\_\_\_\_\_ Design option utilized (1614.1)

\_\_\_\_\_ Seismic use group ("Category")  
(Table 1604.5, 1616.2)

\_\_\_\_\_ Spectral response coefficients,  $S_{DS}$  &  
 $S_{D1}$  (1615.1)

\_\_\_\_\_ Site class (1615.1.5)

\_\_\_\_\_ Concentrated loads (1607.4)

\_\_\_\_\_ Partition loads (1607.5)

\_\_\_\_\_ Impact loads (1607.8)

\_\_\_\_\_ Misc. loads (Table 1607.6, 1607.6.1,  
1607.7, 1607.12, 1607.13, 1610,  
1611, 2404)

