

**City of Portland, Maine – Building or Use Permit Application** 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 33 Orkney Street		Owner: Joe Appel, Sara Needleman		Phone: 871-0952		Permit No: 000064	
Owner Address: SAA		Lessee/Buyer's Name:		Phone:		Business Name:	
Contractor Name: *** Bruce Smith		Address: 11 Latham Street, So. Portland Me		Phone: 799-2205		Permit Issued: FEB 2 2000	
Past Use: single family		Proposed Use: same		COST OF WORK: \$ 12,000		PERMIT FEE: \$ 96.00	
				FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group A-3 Type: 53 BOC 496 Signature: <i>Appel</i>	
Proposed Project Description: Interior Renovations See plans		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Action: Approved <input type="checkbox"/> Approved with Conditions: <input type="checkbox"/> Denied <input type="checkbox"/>		Zoning Approval: 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"/>	
Permit Taken By: <i>K.</i>		Date Applied For: Jan 28 2000 K		Signature:		Date:	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. 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..

PERMIT ISSUED WITH REQUIREMENTS

**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 provisions of the code(s) applicable to such permit

Jan 28 2000

SIGNATURE OF APPLICANT ADDRESS: DATE: PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

White-Permit Desk Green-Assessor's Canary-D.P.W. Pink-Public File Ivory Card-Inspector

- Zoning Appeal**
- Variance
  - Miscellaneous
  - Conditional Use
  - Interpretation
  - Approved
  - Denied

- Historic Preservation**
- Not in District or Landmark
  - Does Not Require Review
  - Requires Review

- Action:**
- Approved
  - Approved with Conditions
  - Denied

Date: \_\_\_\_\_

PERMIT ISSUED WITH REQUIREMENTS

**GEO DISTRICT**



COMMENTS

2/16/00 - Went for Electrical - also checked Framing, all OK. JR

2/17/00 - Final inspection - checked finished construction - everything looks good - good workmanship. Jim

Close permit

Inspection Record

	Type	Date
Foundation:	NA	
Framing:	2/16/00	
Plumbing:	NA (existing)	
Final:	electrical 2/16/00	
Other:		

BUILDING PERMIT REPORT

DATE: 28 January 2000 ADDRESS: 33 Orkney Street CBL: 132-F-008

REASON FOR PERMIT: Interior renovations

BUILDING OWNER: Joe Appel - Sara Needleman

PERMIT APPLICANT: CONTRACTOR Bruce Smith

USE GROUP: R-3 CONSTRUCTION TYPE: 5-B CONSTRUCTION COST: \$12,000 PERMIT FEES: \$96.00

The City's Adopted Building Code (The BOCA National Building code/1996 with City Amendments)  
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions are met: \*1, \*11, \*27, \*30  
\*31, \*32, \*34

1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) **"ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."**
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete from freezing. Section 1908.0
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage means of 1.2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1996)
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42", except Use Group R which is 36". In occupancies in Use Group A,B,H-4, I-1, I-2, M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. (Handrails shall be a minimum of 34" but not more than 38". Use Group R-3 shall not be less than 30", but not more than 38"). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7)
12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/4" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
15. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
16. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)
17. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closer's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
18. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

1/20

19. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1996), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
  - In the immediate vicinity of bedrooms
  - In all bedrooms
  - In each story within a dwelling unit, including basements
20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
21. The Fire Alarm System shall maintained to NFPA #72 Standard.
22. The Sprinkler System shall maintained to NFPA #13 Standard.
23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1996)
24. Section 25 – 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
25. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
26. Ventilation shall meet the requirements of Chapter 12 Sections 1210.0 of the City's Building Code. (Crawl spaces & attics).
- X 27. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
28. All requirements must be met before a final Certificate of Occupancy is issued.
29. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
- X 30. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
31. Please read and implement the attached Land Use Zoning report requirements. *See Attached Zoning Requirements*
- X 32. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
33. Bridging shall comply with Section 2305.16.
- X 34. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2405.0)
35. All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1996).

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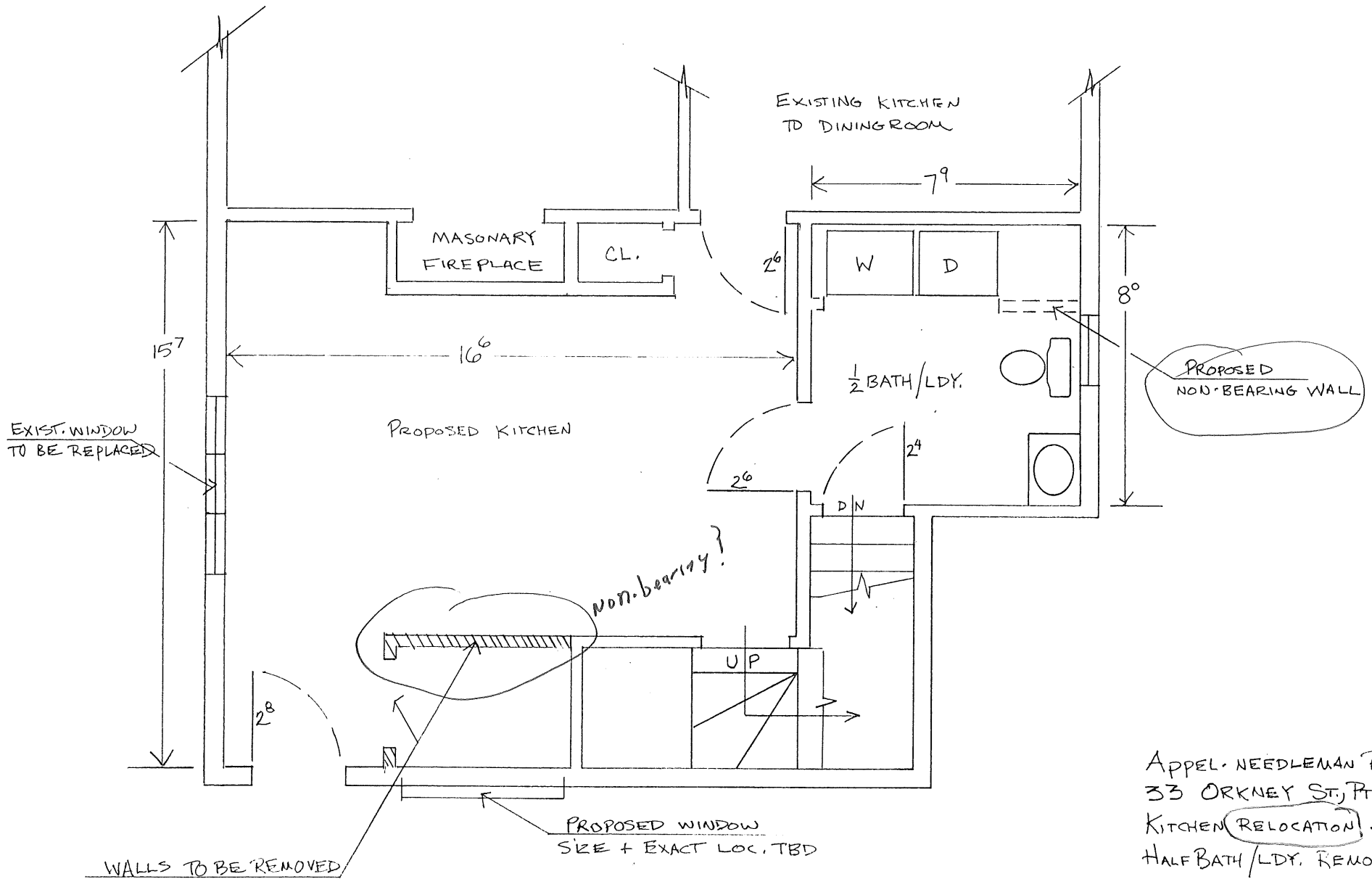
*[Signature]*  
 P. Samuel Hayes, Building Inspector  
 Cc: M. McDougall, PFD  
 Marge Schmuckal, Zoning Administrator

PSH 11/25/99

**\*\*On the basis of plans submitted and conditions placed on these plans any deviations shall require a separate approval.**

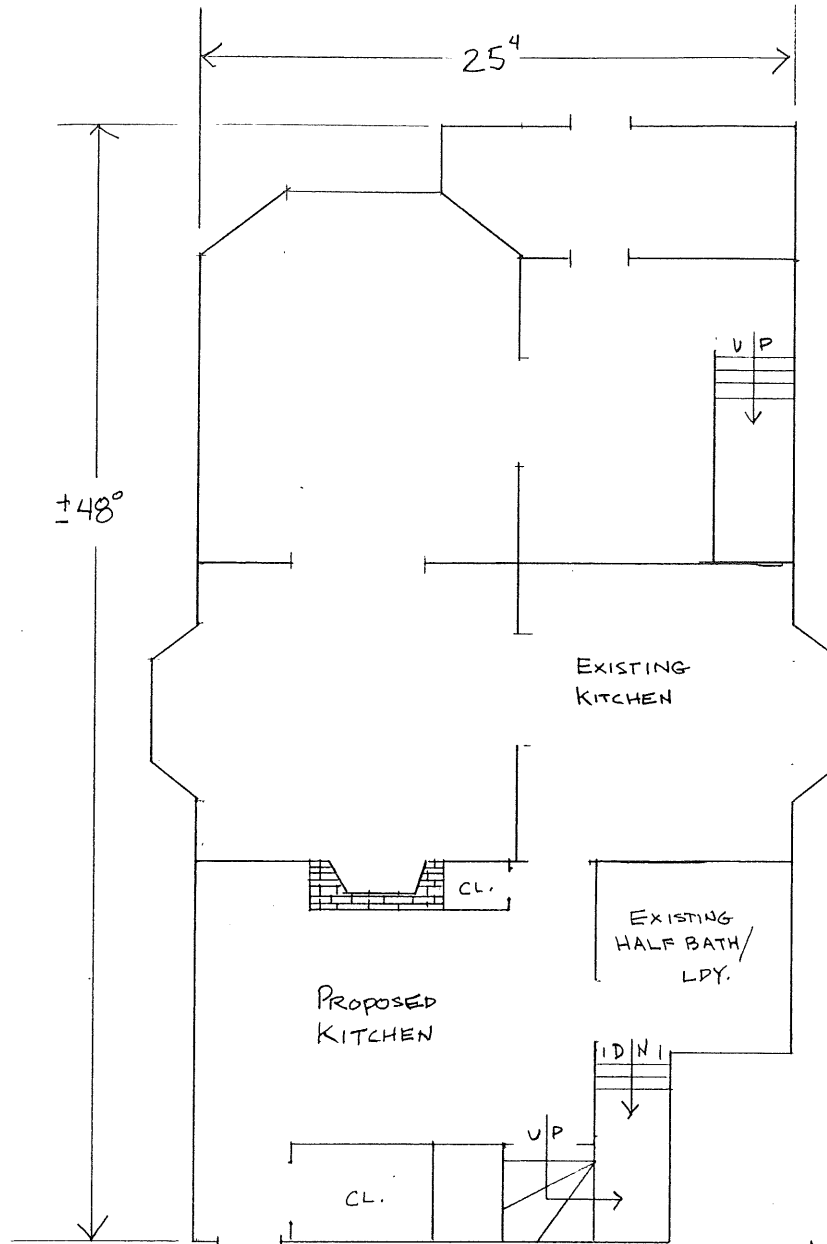
**\*\*\*THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD.**

**\*\*\*\*CERTIFICATE OF OCCUPANCY FEE \$50.00**



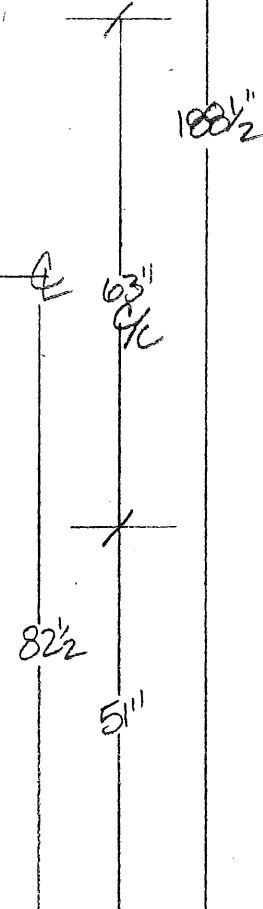
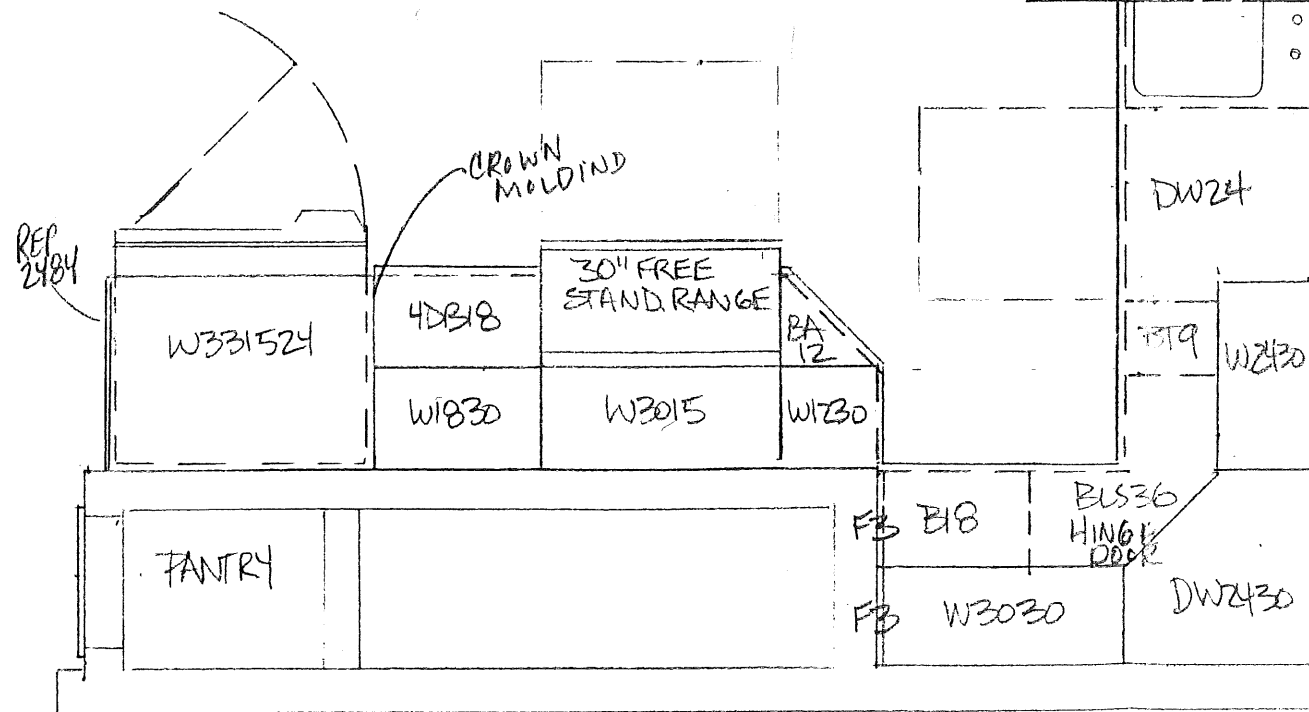
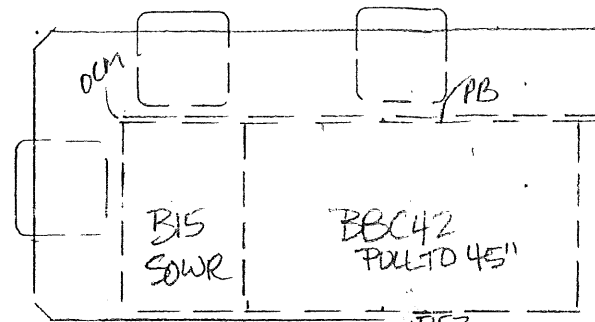
APPEL-NEEDLEMAN RES.  
 33 ORKNEY ST, PTD  
 KITCHEN RELOCATION &  
 HALF BATH/LDY. REMODEL  
 SCALE: 1/4" = 1'0"  
 BRUCE SMITH 1/20/00  
 799-2208

ORKNEY ST.



APPEL • NEEDLEMAN  
33 ORKNEY ST., PORTLAND  
1ST FLOOR

BULKHEAD  
HT - ?



99 1/2"

Design plans are provided for the fair use by the client and are not to be used in completing any project as listed within this contract. Design plans remain the property of this firm and cannot be used or reused without permission.



SARA NEDDLEMAN & JOE APPLE

SCALE: 1/2" = 1'	APPROVED BY:	DRAWN BY: AUDREY
DATE: 10-18-99		REVISED 10/27/99

CASTLE KITCHENS

CONTRACTOR - BRUCE SMITH REMODEL	DRAWING NUMBER 21290
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**Castle Kitchens**  
 137 Pleasant Hill Road  
 Scarborough, Maine 04074  
 (207) 883-8901  
 FAX (207) 883-0158


**THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED**

**Building or Use Permit Pre-Application  
Additions/Alterations/Accessory Structures  
To Detached Single Family Dwelling**

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

**NOTE\*\*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: 33 ORKNEY ST. PORTLAND

Tax Assessor's Chart, Block & Lot Number Chart# <u>132</u> Block# <u>F</u> Lot# <u>008</u>		Owner: <u>JOE APPEL</u> <u>SARA NEEDLEMAN</u>	Telephone#: <u>871-0952</u>
Owner's Address: <u>33 ORKNEY ST.</u>		Lessee/Buyer's Name (If Applicable)	Cost Of Work: <u>\$12,000.</u> Fee <u>96.00</u> <u>\$102.00</u>
Proposed Project Description:(Please be as specific as possible) <u>RELOCATE KITCHEN, DEMO OLD KITCHEN, REMODEL 1/2 BATH / LDY, REPLACE ONE WINDOW, ADD ONE WINDOW, REMOVE 9' WALL, ADD 8' WALL, NEW PLUMBING, ELEC, DRYWALL, CABINETS.</u>			
Contractor's Name, Address & Telephone <u>BRUCE SMITH 11 LATHAM ST. SO. PORTLAND, ME. 04106</u>		<u>799.2208</u>	Rec'd By: 

Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

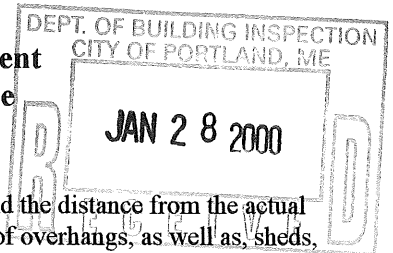
- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1996 National Electrical Code as amended by Section 6-Art III.
- HVAC(Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

You must Include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) A Copy of your Construction Contract, if available
- 3) A Plot Plan (Sample Attached)

If there is expansion to the structure, a complete plot plan (Site Plan) must include:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and required zoning district setbacks



**4) Building Plans (Sample Attached)**

A complete set of construction drawings showing all of the following elements of construction:

- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and dampproofing
- 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 must be included.

**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/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: B. D. Smith Date: 1/28/00

Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.



Inspection Services  
Michael J. Nugent  
Manager



Department of Urban Development  
Joseph E. Gray, Jr.  
Director

**CITY OF PORTLAND**

*Congratulations !!!!!*

**Building or Use Permit Application  
Additions/Alterations/Accessory Structures  
To Detached Single Family Dwelling**

As an applicant for a building permit, you are about to enter into a relationship with our Office. We welcome any questions, comments or suggestions that will make the process more efficient. Attached you will find an application and some samples of the submissions you will provide at application time. Please read ***ALL*** of the information and if you need any further assistance please call 874-8703 or 874-8693.

100.8.1. MAL

# L & L STRUCTURAL

ENGINEERING SERVICES, INC.

Six Q Street  
South Portland, ME 04106  
Phone: (207) 767-4830  
Fax: (207) 799-5432

February 3, 2000

Bruce Smith  
**Bruce Smith Carpentry**  
11 Latham Street  
South Portland, Maine 04160

Subject: Needleman Residence located on Orkney Street-Portland, Maine.

Dear Bruce,

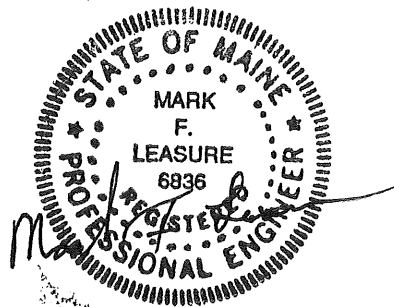
We have completed our review of the beam required to replace existing built-up beam. The new beam will support the second floor, low roof, attic, and roof framing. The beam shall be a 5 1/4x14 parallam, (3) 1 3/4x14" micro=lams or a W8x21. Provide (4) 2X4 minimum column each end continuous to the foundation.

If you have any questions or require further assistance, please do not hesitate to call.

Sincerely,

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

Mark F. Leasure, P.E.  
Principal



# ELECTRICAL PERMIT

## City of Portland, Me.

*Single Family*

③



*[Handwritten initials]*

To the Chief Electrical Inspector, Portland Maine:  
 The undersigned hereby applies for a permit to make electrical installations  
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,  
 National Electrical Code and the following specifications:

Date 2/9/2000  
 Permit # 112  
 CBL# 132-F-008

SITE LOCATION: 33 ORKNEY

OWNER JOE APPLE TENANT SAME

								TOTAL EACH FEE		
<b>OUTLETS</b>	Receptacles	12	Switches	5	Smoke Detectors		17	.20	3.40	
<b>FIXTURES</b>	incandescent	9	fluorescent		Strips	1	10	.20	2.00	
<b>SERVICES</b>	Overhead		Underground		TTL AMPS	<800		15.00		
	Overhead		Underground		TTL AMPS	>800		25.00		
<b>Temporary Service</b>	Overhead		Underground		TTL AMPS			25.00		
								25.00		
<b>METERS</b>	(number of)							1.00		
<b>MOTORS</b>	(number of)							2.00		
<b>RESID/COM</b>	Electric units							1.00		
<b>HEATING</b>	oil/gas units		Interior		Exterior			5.00		
<b>APPLIANCES</b>	Ranges		Cook Tops		Wall Ovens			2.00		
	Insta-Hot		Water heaters		Fans			2.00		
	Dryers		Disposals		Dishwasher			2.00		
	Compactors		Spa		Washing Machine	1	1	2.00	2.00	
	Others (denote)							2.00		
<b>MISC. (number of)</b>	Air Cond/win							3.00		
	Air Cond/cent				Pools			10.00		
	HVAC		EMS		Thermostat			5.00		
	Signs							10.00		
	Alarms/res							5.00		
	Alarms/com							15.00		
	Heavy Duty(CRKT)							2.00		
	Circus/Carnv							25.00		
	Alterations							5.00		
	Fire Repairs							15.00		
E Lights							1.00			
E Generators							20.00			
<b>PANELS</b>	Service	1	Remote		Main		1	4.00	4.00	
	<b>TRANSFORMER</b>	0-25 Kva						5.00		
	25-200 Kva							8.00		
	Over 200 Kva							10.00		
								<b>TOTAL AMOUNT DUE</b>		25.00
								<b>MINIMUM FEE/COMMERCIAL 35.00</b>		
								<b>MINIMUM FEE</b>		25.00

INSPECTION: Will be ready \_\_\_\_\_ or will call \_\_\_\_\_

CONTRACTORS NAME ISLAND ELECTRIC MASTER LIC. # 4645  
 ADDRESS 92 WAARF RD, WARMOUTH, ME LIMITED LIC. # \_\_\_\_\_  
 TELEPHONE 646 2468

SIGNATURE OF CONTRACTOR James K. Boehn

