

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

PERMIT ISSUED		CBL:
Permit No: 01-0769	Issue Date: July 2, 2001	013 C001001

Location of Construction: 15 Greenleaf St	Owner Name: Chalmers Bruce	Owner Address: 15 Greenleaf St #3	Phone: 207-828-0266
Business Name: n/a	Contractor Name: Pitt, Dave	Contractor Address: Palmer St South Portland	Phone: 2077415196
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Multi Family	Zone: R-6

Past Use: 3 Unit Apartment	Proposed Use: Replace existing stairs	Permit Fee: \$30.00	Cost of Work: \$900.00	CEO District: 1
Proposed Project Description: Replace Stairway <i>3 units of per microfilm</i>		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-7 Type: 5B PERMIT ISSUED WITH REQUIREMENTS 7/2/01	
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>
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: gg	Date Applied For: 06/29/2001	Zoning Approval
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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..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <i>to remain 3 D. 4</i> <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>5/7/2001</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>[Signature]</i>
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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 provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT ADDRESS DATE PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

LAND USE - ZONING REPORT

ADDRESS: 15 Greenleaf St DATE: 7/20/01

REASON FOR PERMIT: replace stairway

BUILDING OWNER: Bruce Chelmer C-B-L: 13-C-1

PERMIT APPLICANT: _____

APPROVED: with conditions: #1, #7, #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 Three (3) 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

20. 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/1999), 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
21. 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)
22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
24. 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/1999)
25. 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".
26. 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.
27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).
28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
29. All requirements must be met before a final Certificate of Occupancy is issued.
30. 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).
31. 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)
32. Please read and implement the attached Land Use Zoning report requirements. *see attached*
33. 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.
34. Bridging shall comply with Section 2305.16.
35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
36. All flashing shall comply with Section 1406.3.10.
37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

[Signature]
 P. Samuel, Building Inspector
 Cc: Lt. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager
[Signature]

PSH 10/1/00

****This permit is herewith issued, 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. (You Shall Call for Inspections)**

******ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

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

BUILDING PERMIT REPORT

DATE: 1 July 2001 ADDRESS: 15 Greenleaf ST. CBL: 013-C-001

REASON FOR PERMIT: Replace Stairway

BUILDING OWNER: Bruce Chalmers

PERMIT APPLICANT: _____ /CONTRACTOR DAVE PITT

USE GROUP: R-2 CONSTRUCTION TYPE: 50 CONSTRUCTION COST: 900.00 PERMIT FEES: 530.00

The City's Adopted Building Code (The BOCA National Building Code/1999 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 shall be met: * 1, 2, 11, 13 #32

- X 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
- X 2. Before concrete for foundation is placed, approval 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 and masonry. Concrete Sections 1908.9-19.8.10/ Masonry Sections 2111.3-2111.4.
- 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 side. (Chapter 4, Section 407.0 of the BOCA/1999)
- 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.
- X 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". In occupancies in Use Group A, B,H-4, I-1, I-2, M, R, 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". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). 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) **R-3 (ONE & TWO FAMILY DWELLINGS) GUARD HEIGHT IS 36" MINIMUM.**
- X 12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
- X 13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" 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. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
- 16. 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 (508)mm, and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
- 17. 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)
- 18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
- 19. 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)

6/20

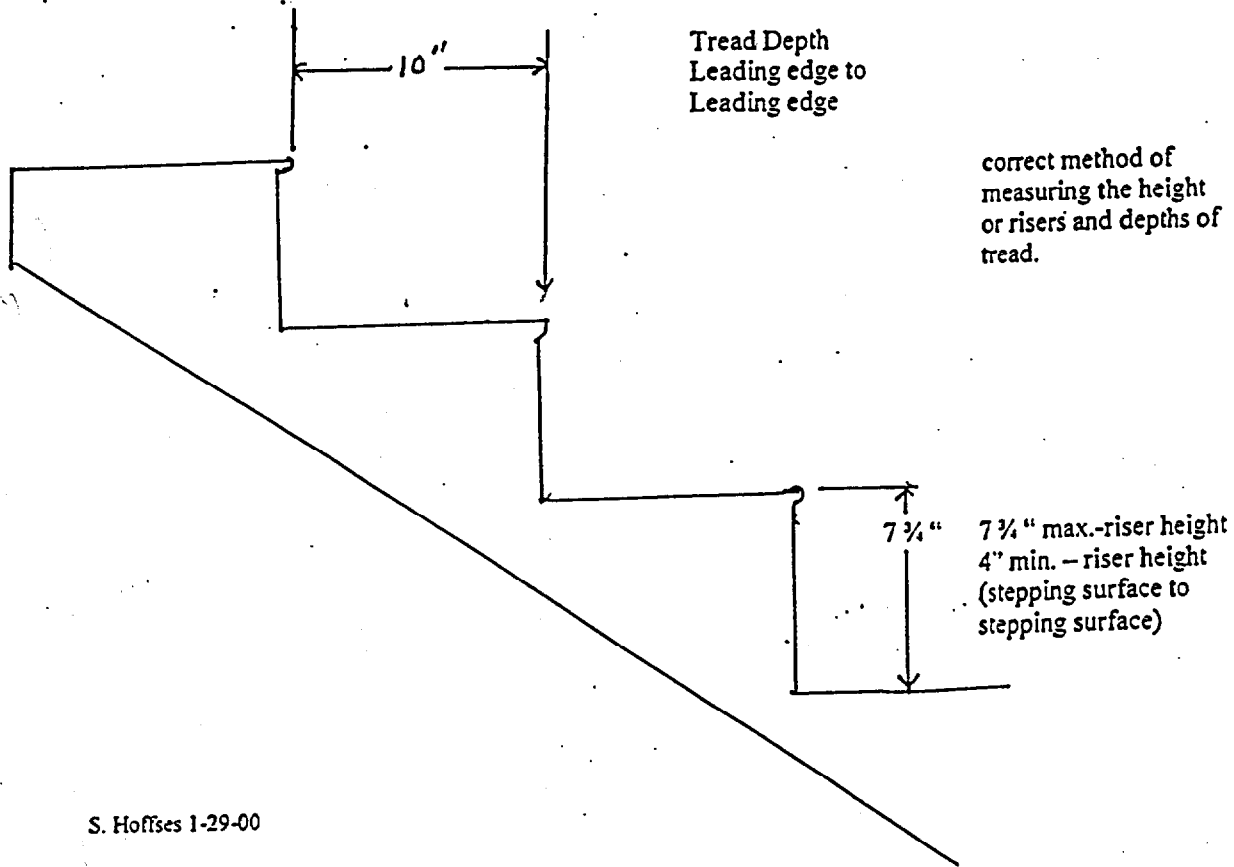
TREAD/RISER DIMENSIONS

ONE & TWO FAMILY

BOCA NATIONAL BUILDING CODE/1999

SECTION 1014.6 TREADS & RISERS

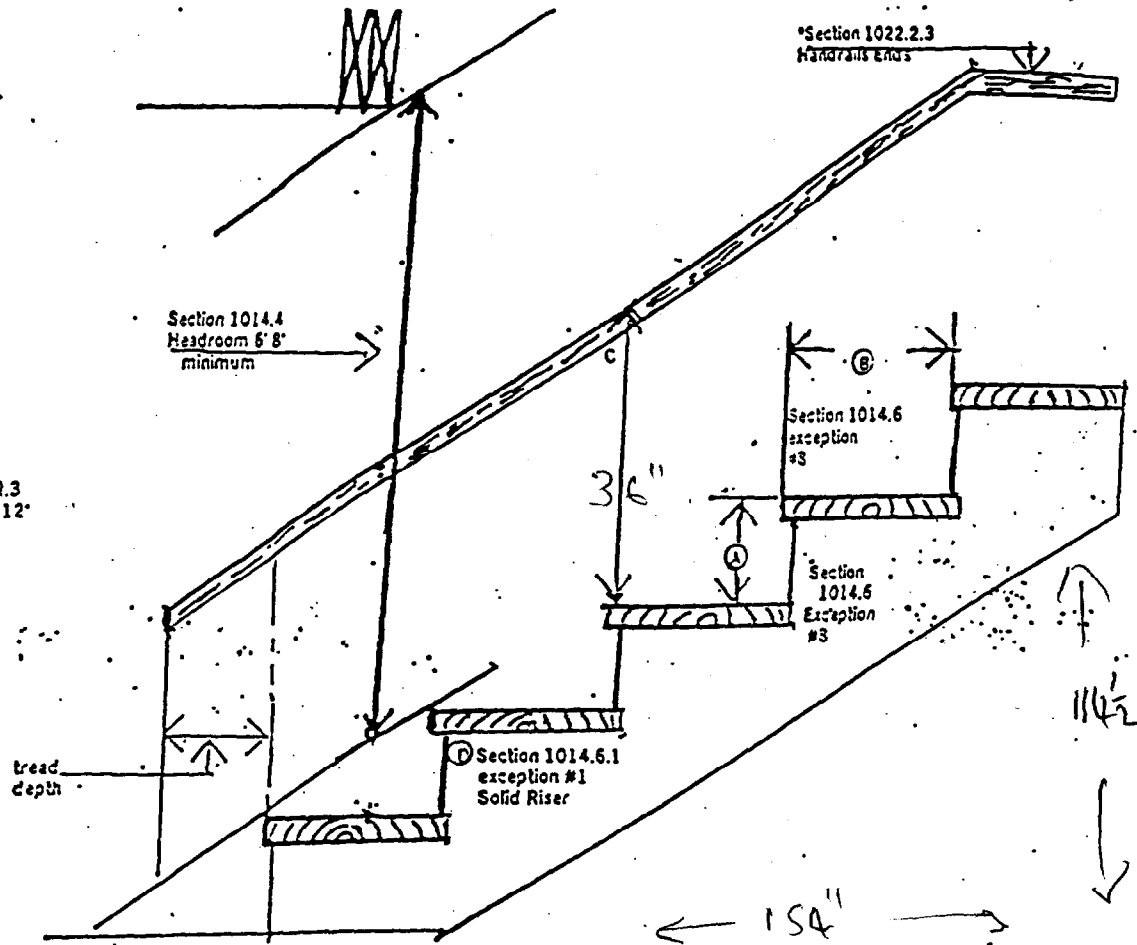
EXCEPTION: NO. 8 – In occupancies in use group R-3, within dwelling units in occupancies Use Group R-2 and in occupancies in Use Group U which are accessory to an occupancy in Use Group R-3. The maximum riser height shall be 7 ¾ inches (197mm) and the minimum tread depth shall be 10 inches (254mm). A nosing not less than ¾ inches but not more than 1 ¼ inches (32mm) shall be provided on stairways with solid risers where the depth is less than 11 inches (279mm).



S. Hoffses 1-29-00

Stairs

*Section 1022.2.3
Handrail ends 12" min.



	Section 1014.6 Exception #3	Section 1014.6 Exception #3	Section 1022.2.2	Section 1014.6.1	Section 1021
	A Maximum Riser Height	B Minimum Tread Depth	C Handrail Height Not part of Guardrail	D Solid Riser	E Guards Height
1 & 2 Family Dwelling	7 3/4"	10"	34" to 38"	4" Maximum Opening	42"
All Other Use Groups	7"	11"	34" to 38"	Different	42"

*Guards along open-sided floor areas and along stairs located less than 36 inches (914mm) above the floor or grade below shall not be less than 36 inches (914mm) in height.

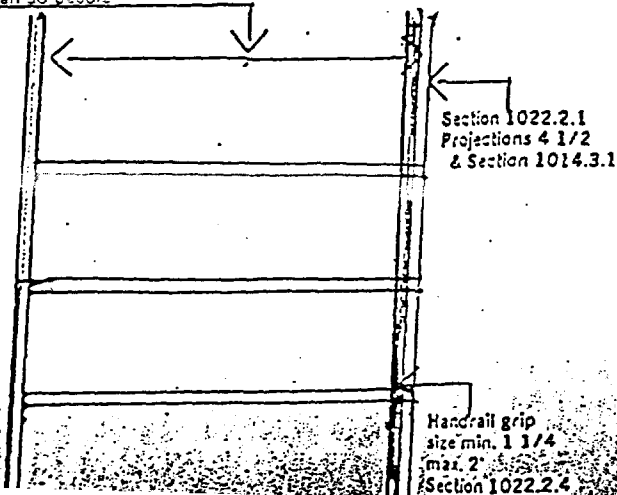
*Guards shall be located along open-sided walking surfaces, mezzanines, stairways, ramps and landings which are located more than 15 1/2 inches (394mm) above the floor or grade below. The guards shall be constructed in accordance with Section 1021.8.

*Handrail extensions & returns are not required for stairways within a dwelling unit Section 1022.2.3.

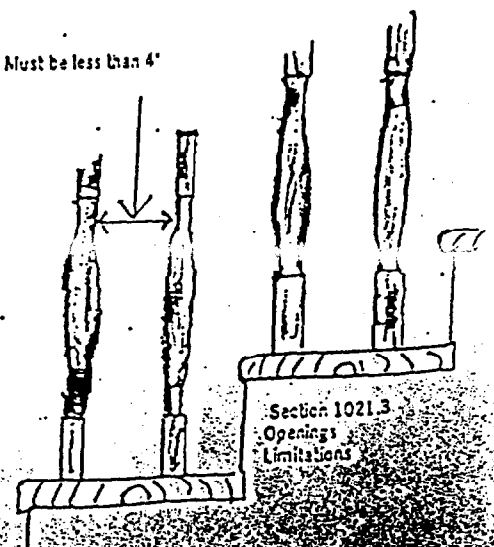
*There must not be a variation exceeding 3/16 of an inch in the depth of adjacent treads or in the height of adjacent riser. Section 1014.6.2.

*The difference between the largest and the smallest tread or between the largest and the smallest riser cannot exceed 3/8 of an inch. Section 1014.6.2.

W=36" for 1&2 family homes and occupancies with less than 50 people
Section 1014.3
Exception #3



Must be less than 4"

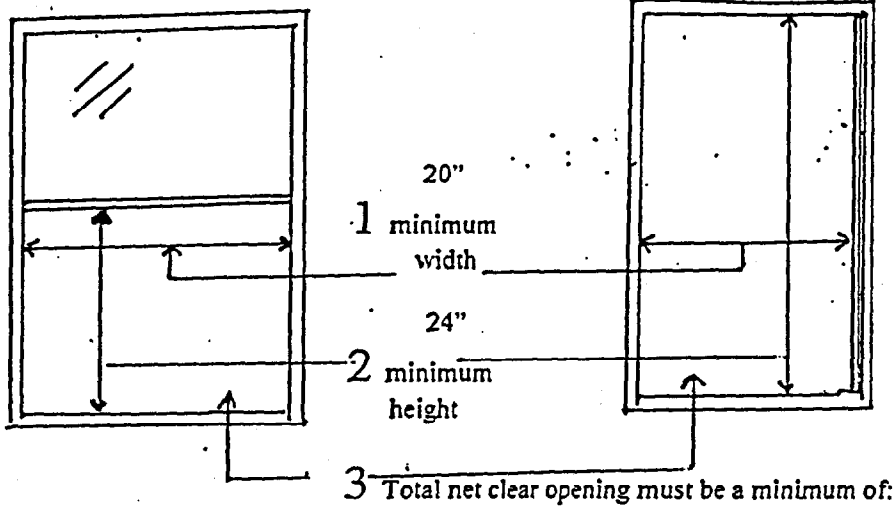


Egress Windows

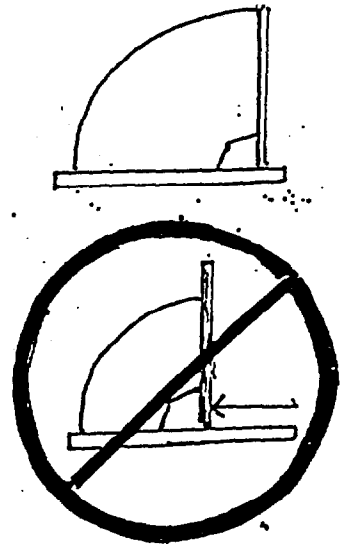
At least 1 egress window (or exterior door) is required to be provided in sleeping rooms, below the fourth story to be considered an egress window, all of the following 4 conditions must be met.

Double hung windows

Casement Windows

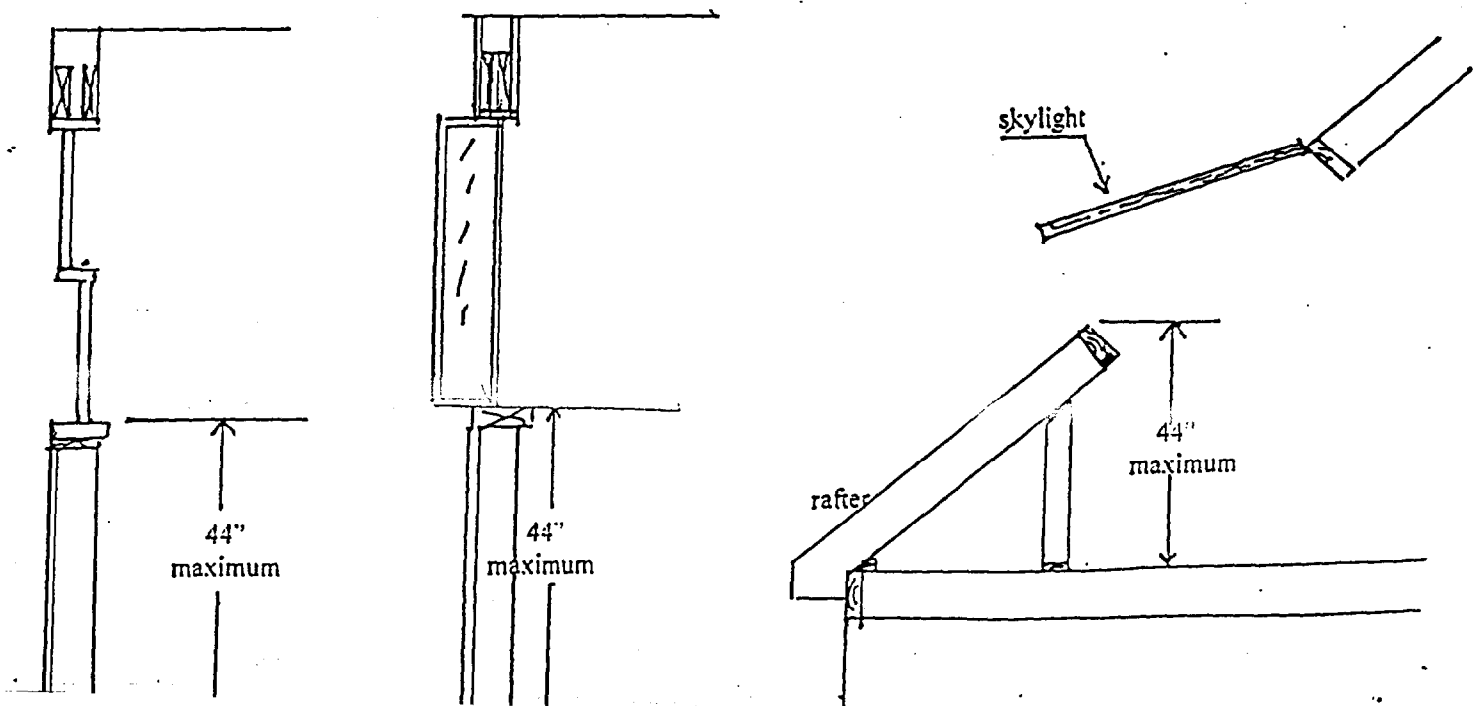


- Egress windows not at grade 5.7 square feet or 821 square inches
- Grade level egress windows 5.0 square feet or 720 square inches



Caution. . . . A window which may meet the minimum opening width & height requirements (of condition 1 & 2) does not qualify as an egress window unless it also meets the total square foot opening requirement. (condition #3)

4 Lowest point of the opening must not be more than 44 inches above the floor . . .



Side View

112"

165"

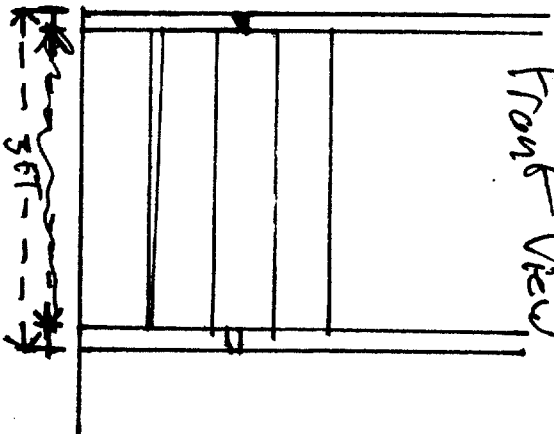
16 Risers 7" max,
15 Treads 11" min.

Handrails sec. 1022φ
Guardrails sec 1022φ

STAIR CONST. 1014φ

3 FT

Front View

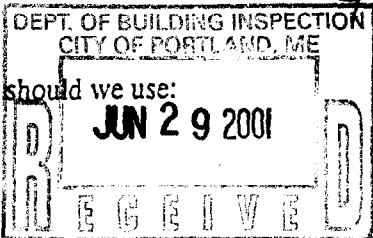


PERMIT ISSUED
WITH REQUIREMENTS

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

All Purpose 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: 15 Greenleaf ST, Portland, Me		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Number Chart# 013 Block# C Lot# 001	Owner: Bruce Chalmers	Telephone#: 828 0266
Lessee/Buyer's Name (If Applicable)	Owner's/Purchaser/Lessee Address:	Cost Of Work: \$ 900.00 Fee: \$ 30.00
Current use: 3 UNIT APT If the location is currently vacant, what was prior use: N/A Approximately how long has it been vacant:		
Proposed use: STAIRWAY		
Project description: Replace EXISTING STAIRS (Hazards move ground)		
Contractor's Name, Address & Telephone: DAVE PITT, 22 PALMER ST, S. PORTLAND, ME 04106 741 5196		
Applicants Name, Address & Telephone: OWNER		
Who should we contact when the permit is ready: OWNER + Call		
Telephone: 828 0266		
If you would like the permit mailed, what mailing address should we use:		
		
Rec'd By:		6/29/01 Gayle

GREENLEAP ST

SIDEWALK

VACANT LOT

CHAIN LINK FENCE

439"

36"

6"

BULKHEAD

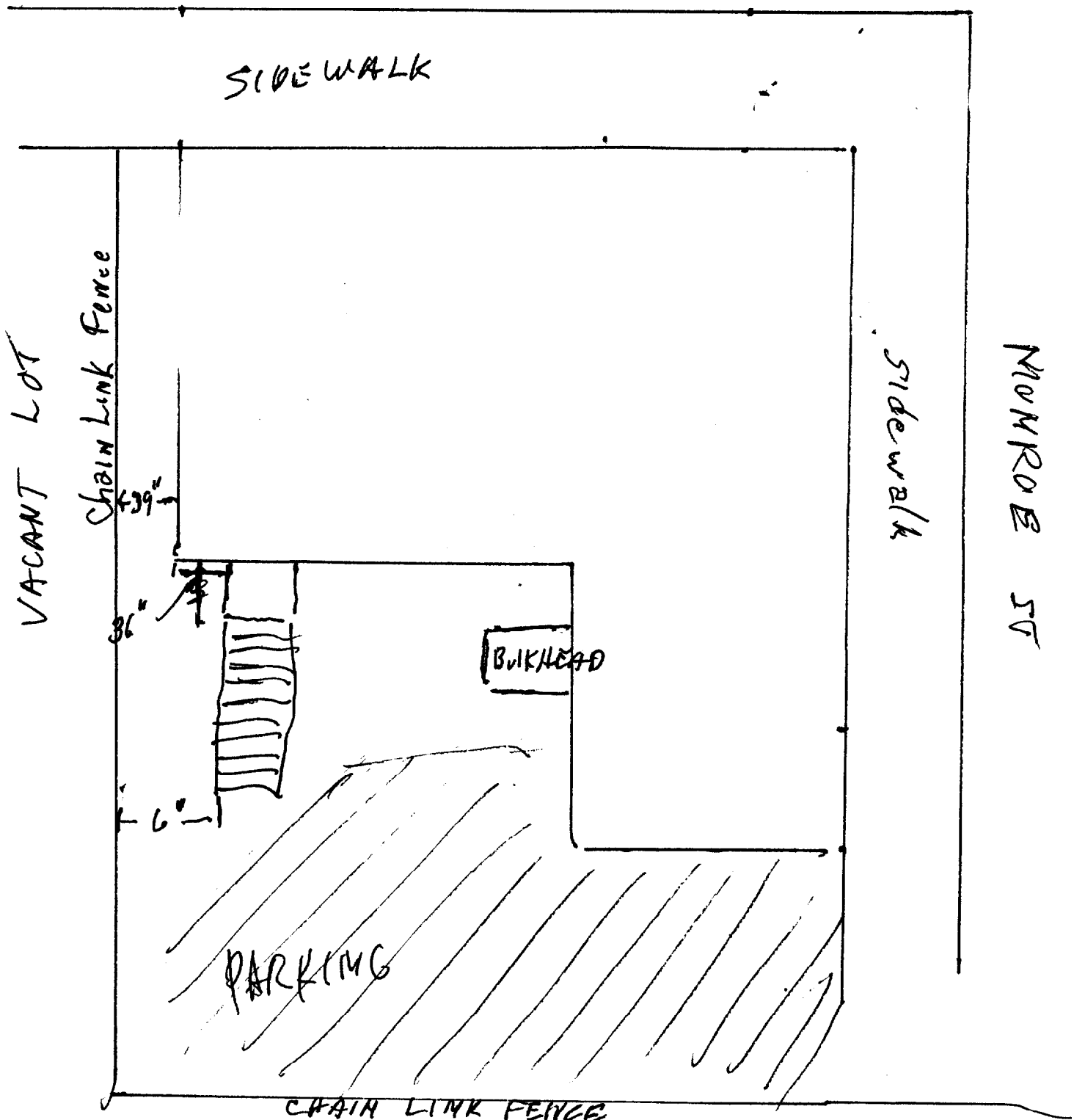
PARKING

CHAIN LINK FENCE

VACANT LOT

SIDEWALK

NOMROE ST



FOR BRUCE IS GREEN LEAF.

LIST FOR PURCHASE STAIRS

7 x 16' x 12" x 1 1/2" TREATED TIMBER.

10 x 16' x 4" x 1 1/2"

4 x 16' 1 1/2" x 7"

~~2~~ x 5' 4" x 4"

2 x 10' 4" x 4"

1 x 8' S 1/2" x 1 1/2"

4 JOIST HANGERS 1 1/2"

1 Box 3" ⊕ SCREWS

1 Box. 2 1/2" ⊕ SCREWS

Concrete mix & cement.

