

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: 01-0883 | Issue Date: AUG - 6 2001 | CBL: 137 F006001 |
|-----------------------|-----------------------------|---------------------|

| | | | |
|--|------------------------------|---|------------------------|
| Location of Construction: 32 Hartley St | Owner Name: Palmer Joan E | Owner Address: 32 Hartley St PORTLAND | Phone: 207-773-8768 |
| Business Name: n/a | Contractor Name: n/a | Contractor Address: Portland | Phone: |
| Lessee/Buyer's Name: n/a | Phone: n/a | Permit Type: Alterations - Dwellings | Zone: E-5 |

| | | | | | |
|----------------------------|--|------------------------|-----------------------------|--------------------|--------------------|
| Past Use: Single Family | Proposed Use: Single Family / Handicap Ramp | Permit Fee: \$36.00 | Cost of Work: \$1,500.00 | CEO District: 3 | 4,000 ⁺ |
|----------------------------|--|------------------------|-----------------------------|--------------------|--------------------|

| | | |
|--|--|--|
| Proposed Project Description: Build Handicap Ramp | FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied | INSPECTION: Use Group: 9-3 Type: 5B PERMIT ISSUED WITH REQUIREMENTS 8/18/01 |
| Signature: | | Signature: |
| 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: 07/18/2001 | Zoning Approval |
|------------------------|---------------------------------|------------------------|

| | | | |
|---|---|---|--|
| <p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>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..</p> | <p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>ok with conditions Date: 8/6/01</p> | <p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p> | <p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p> |
|---|---|---|--|

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 |

010883

R5

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: 32 Hartley Street

Total Square Footage of Proposed Structure _____ Square Footage of Lot 4000^{sq}'

²⁰²⁰⁴
Tax Assessor's Chart, Block & Lot
Chart# 137 Block# F Lot# 006 Owner: Joan E. Palmer Telephone: 7738768

Lessee/Buyer's Name (if Applicable) _____ Applicant name, address & telephone: Above 32 Hartley St 773-8768 Portland ME 04103 Cost Of Work: \$ 1500 Fee: \$ _____

Current use: owner occupied / Single Family Home
If the location is currently vacant, what was prior use: N/A
Approximately how long has it been vacant: _____
Proposed use: Single Family Home with Handicap Ramp
Project description: Build Handicap ramp

Contractor's name, address & telephone: Homeowner
Who should we contact when the permit is ready: Joan Palmer
Mailing address: 32 ~~Palmer~~ Hartley St Portland, ME 04103 Phone: 773-8768 ++ call

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

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: Joan Palmer Date: 7/11/01

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

BUILDING PERMIT REPORT

DATE: 20 July 2001 ADDRESS: 32 Hurley St. CBL: 137-F-006

REASON FOR PERMIT: Handicap Ramp.

BUILDING OWNER: Joan E. Palmer

PERMIT APPLICANT: _____ /CONTRACTOR SAO

USE GROUP: R-3 CONSTRUCTION TYPE: 53 CONSTRUCTION COST: 1,500.00 PERMIT FEES: 3609

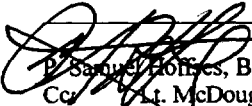
The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions shall be met: X1, 30, 32, 38

- X1. 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 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.
- 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.**
- 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. 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 (508mm), 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)

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.
- X 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).
- + 38. *Ramp Construction shall comply with section 1916.0 of the bldg. code. (see attached)*


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

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**

Applicant: Joan E. Palmer

Date: 7/25/01

Address: 32 Hartley St.

C-B-L: 137-F-6

CHECK-LIST AGAINST ZONING ORDINANCE

Date - 7/25/01 Bldg constructed in 1923

Zone Location - R-5

Interior or corner lot - Interior

Proposed Use/Work - Handicap Ramp - in Rear

Permanent Structure?

Sevage Disposal - Public

Lot Street Frontage - 40' shown

Front Yard - 6' shown - 20' Req Existing No change

Rear Yard - 29' scaled - 20 Req.

Side Yard - 4' + 11' + 12' shown - 8' Req

Projections - \downarrow shade N/A

Width of Lot - 40' - 50' shown

Height - 1 story

Lot Area - 4000 SF - 6000 SF Req.

Lot Coverage/Impervious Surface - 40%

1600 SF MAX

Area per Family - 1442

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/Stream Protection -

Flood Plains -

192
 75.25

 267.85
 Ramp

 -14.625
 - 8

216 Garage
 936
 64
 87.75
 32
 15

 1350.75 SF
 Coverage Now

 1595.38
 Coverage

LAND USE - ZONING REPORT

ADDRESS: 32 Hartley St DATE: 8/6/01

REASON FOR PERMIT: Handicap Ramp

BUILDING OWNER: JOAN E. PALMER C-B-L: 137-F-6

PERMIT APPLICANT: JOAN E PALMER

APPROVED: with Conditions: #1, #6, #10, #12,

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 _____ 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: If it is understood that this ramp is needed immediately for access for Mr. Palmer who is shortly being released from the hospital, we are allowing construction based on a follow-up of the owner to come in for zoning Board of approval, the side set back is showing 4 feet instead of the 5' that this office

Marge Schmuckal, Zoning Administrator can allow

See The zoning Board of Appeals paperwork being attached
Marge Schmuckal

- Edge protection is not required on the sides of ramp landings having a vertical drop-off of no more than 1/2 inch (13 mm) within 10 inches (254 mm) horizontally of the required landing area.

1016.6.1 Extended floor or ground surface: The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a hand-rail complying with Section 1022.0.

1016.6.2 Curb or barrier: A curb or barrier shall be provided that prevents the passage of a 4-inch-diameter (102 mm) sphere, where any portion of the sphere is within 4 inches (102 mm) of the floor or ground surface.

1016.7 Ramp construction: Ramps used as an *exit* shall conform to the applicable requirements of Section 1014.9 as to materials of construction and the applicable requirements of Section 1014.11 as to enclosure.

1016.7.1 Surface: For all slopes exceeding one unit vertical in 20 units horizontal (1:20) and where the use is such as to involve danger of slipping, the ramp shall be surfaced with approved slip-resistant materials.

1016.7.2 Exterior ramps: Exterior ramps and landings shall be designed and constructed to prevent water from accumulating on the walking surface.

SECTION 1017.0 MEANS OF EGRESS DOORWAYS

1017.1 General: The requirements of this section shall apply to all doorways serving as a component or element of a *means of egress*, except as provided for in Sections 1014.8, 1014.12.2, 1015.5.1, 1015.5.2 and 1015.6.1.

1017.1.1 Floor surface: The floor surface on both sides of a door shall be at the same elevation. The floor surface over which the door swings shall be at the same elevation as the floor level at the threshold and shall extend from the door in the closed position a distance equal to the door width.

Exception: This requirement shall not apply to:

- Exterior doors, as provided for in Section 1005.6, which are not on an accessible route.
- Variations in elevation due to differences in finish materials, but not more than 1/2 inch (13 mm).
- Exterior decks, patios, or balconies that are part of Type B dwelling units and have impervious surfaces, and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the dwelling unit.

Thresholds at doorways shall not exceed 3/4 inch (19 mm) in height above the finished floor surface for exterior sliding doors serving dwelling units or 1/2 inch (13 mm) for all other doors. Raised thresholds and floor level changes greater than 1/4 inch (6 mm) at doorways shall be beveled with a slope not greater than one unit vertical in two units horizontal (1:2).

1017.2 Number of doorways: Each occupant of a room or space shall have access to at least two *exits* or *exit access* doors from the room or space where the occupant load of the space exceeds

that listed in Table 1017.2, or where the travel distance from any point within the space to an *exit* or *exit access* door exceeds that listed in Table 1017.2. Where the occupant load of a room or space is between 501 and 1,000, a minimum of three *exits* or *exit access* doors shall be provided. Where the occupant load of a room or space exceeds 1,000, a minimum of four *exits* or *exit access* doors shall be provided.

Exceptions

- Occupancies in Use Group R-3.
- Boiler, incinerator and furnace rooms shall be provided with two egress doorways where the area exceeds 500 square feet (47 m²) and individual fuel-fired equipment exceeds 400,000 Btuh (117 kW) input capacity. Doorways shall be separated by a horizontal distance equal to not less than one-half of the diagonal dimension of the room. Where two doorways are required by this exception, a fixed ladder access out of the room shall be permitted in lieu of one doorway.
- In an occupancy in Use Group I-2, any patient sleeping room and any suite of rooms as permitted in Section 1011.1.2, Exception No. 3, of more than 1,000 square feet (93 m²), shall have at least two *exit access* doors remote from each other. Any room or any suite of rooms, other than patient sleeping rooms of more than 2,500 square feet (230 m²) shall have at least two *exit access* doors remote from each other.

**Table 1017.2
SPACES WITH ONE MEANS OF EGRESS**

| Use Group | Maximum occupant load | Maximum travel distance (feet) ^c |
|-----------------------------|-----------------------|---|
| A, B ^a , E, F, M | 50 | 75 |
| H-1 ^b , H-2, H-3 | 3 | 25 |
| H-4 | 10 | 75 |
| I, R | 10 | 75 |
| S, U | 30 | 100 |

Note a. In Use Group B, travel distance shall not be more than 100 feet, provided that the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 906.2.1. In Use Group B, travel distance shall not be more than 100 feet, provided the occupant load of the space is not more than 30.

Note b. For requirements for areas and spaces in Use Group H-1, see Section 418.2.2.

Note c. 1 foot = 304.8 mm.

1017.2.1 Entrance and egress doorways: Where separate doors are provided for entrance and *means of egress*, the entrance door shall be clearly identified in an approved manner "Entrance Only" in letters not less than 6 inches (152 mm) in height and legible from both inside and outside.

1017.2.2 Location of doors: The required doorways opening from a room or space within a building and leading to an *exit access* shall be located as remote as practicable from each other and shall conform to Section 1006.4.1. The distance of *exit access* travel from any point in a room or space to a required *exit* door shall not exceed the limitations of Section 1006.5.

0.10 inch of water column (29 Pa) in the *shaft* relative to the vestibule with all doors closed.

1015.7 Stair pressurization alternative: Where the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 906.2.1, the vestibule is not required, provided that all interior *exit stairways* are pressurized to a minimum of 0.15 inch of water column (44 Pa) and a maximum of 0.35 inch of water column (102 Pa) in the *shaft* relative to the building measured with all *stairway* doors closed under maximum anticipated stack pressures.

1015.8 Ventilating equipment: The activation of *ventilating* equipment required by the alternatives in Sections 1015.6 and 1015.7 shall be by smoke detectors installed at each floor level at an approved location at the entrance to the *smokeproof enclosure*. When the closing device for the stair *shaft* and vestibule doors is activated by smoke detection or power failure, the mechanical equipment shall activate and operate at the required performance levels. Smoke detectors shall be installed in accordance with Section 919.8.

1015.8.1 Ventilation systems: *Smokeproof enclosure ventilation* systems shall be independent of other building *ventilation* systems. The equipment and ductwork shall comply with one of the following:

1. Equipment and ductwork shall be located exterior to the building and shall be directly connected to the *smokeproof enclosure* or connected to the *smokeproof enclosure* by ductwork enclosed by 2-hour fire-resistance rated *fire separation assemblies*.
2. Equipment and ductwork shall be located within the *smokeproof enclosure* with intake or exhaust directly from and to the outside or through ductwork enclosed by 2-hour fire-resistance rated *fire separation assemblies*.
3. Equipment and ductwork shall be located within the building if separated from the remainder of the building, including other mechanical equipment, by 2-hour fire-resistance rated *fire separation assemblies*.

1015.8.2 Standby power: Mechanical vestibule and stair *shaft ventilation* systems and automatic fire detection systems shall be powered by an approved standby power system conforming to Sections 403.9.1 and 2707.0.

1015.8.3 Acceptance and testing: Before the mechanical equipment is approved, the system shall be tested in the code official's presence to confirm that the system is operating in compliance with these requirements.

SECTION 1016.0 RAMPS

1016.1 Capacity: The capacity of a ramp used as a *means of egress* component shall be computed in accordance with Section 1009.0.

1016.2 Minimum dimensions: The minimum dimensions of *means of egress* ramps shall comply with Sections 1016.2.1 through 1016.2.3.

1016.2.1 Width: The minimum width of a *means of egress* ramp shall be 36 inches (914 mm), and not less than that required for *corridors* by Section 1011.3.

1016.2.2 Headroom: The minimum headroom in all parts of the *means of egress* ramp shall not be less than 80 inches (2032 mm).

1016.2.3 Restrictions: *Means of egress* ramps shall not reduce in width in the direction of egress travel. Projections into the required ramp and landing width are prohibited except at and below handrail height where, at each handrail, the projections shall not exceed 3½ inches (89 mm) into the required width. Projections shall not reduce the clear width to less than 36 inches (914 mm). Doors opening onto a landing shall not reduce the clear width to less than 42 inches (1067 mm).

1016.2.4 Rise: Ramps shall not have a vertical rise greater than 30 inches (762 mm) between landings.

Exception: Aisles in areas of Use Group A shall comply with Section 1012.0.

1016.3 Maximum slope: The maximum slope of *means of egress* ramps in the direction of travel shall be one unit vertical in 12 units horizontal (1:12). The maximum slope across the direction of travel shall be one unit vertical in 48 units horizontal (1:48).

Exception: Aisles in areas of Use Group A shall comply with Section 1012.0.

1016.4 Landings: Ramps shall have landings at the top and bottom of each ramp run. Landings shall comply with Sections 1016.4.1 through 1016.4.4.

1016.4.1 Slope: The maximum slope and cross slope of landings shall be one unit vertical in 48 units horizontal (1:48).

1016.4.2 Width: The landing shall be at least as wide as the widest ramp run leading to the landing.

1016.4.3 Length: The landing length shall be not less than 60 inches (1524 mm).

1016.4.4 Change in direction: Where ramps change direction between runs at a landing, the landing shall be at least 60 inches by 60 inches (1524 mm by 1524 mm).

1016.5 Guards and handrails: Guards shall be provided where required by Section 1005.5 and shall be constructed in accordance with Section 1021.0. Handrails conforming to Section 1022.0 shall be provided on both sides of every ramp having a vertical rise between landings greater than 6 inches (152 mm).

Exceptions

1. Handrails in aisles in occupancies in Use Group A shall comply with Section 1012.0.
2. Handrails are not required on curb ramps.

1016.6 Edge protection: Edge protection complying with Section 1016.6.1 or 1016.6.2 shall be provided on each side of ramp runs and at each side of ramp landings.

Exceptions

1. Edge protection is not required on ramps not required to have handrails and having flared sides or returned curbs as required by ICC A117.1 for curb ramps.
2. Edge protection is not required on the sides of ramp landings serving an adjoining ramp run or stairway.

VETERANS—MAINE VETERANS' HOME—ADMISSION

CHAPTER 211

H.P. 938

L.D. 1327

An Act to Expand Eligibility for the Maine Veterans' Home

Be it enacted by the People of the State of Maine as if

Sec. 1. 37-B MRSA § 607, as amended by PL 1983, read:

§ 607. Admission

Veterans desiring admission to the home shall must administrator. Admission shall may be granted by the administrator only to eligible veterans who were residents of Maine at the time of their entry into the United States Armed Forces or who are residents of Maine at the time of application, and to the spouses, widows or widowers of eligible veterans, provided that suitable facilities are available. Admission shall must be granted when provisions of the rules are met, when there is a vacancy and in order of application, unless otherwise provided in the rules. For the purposes of this section, "eligible veteran" includes a person who served on active duty in the United States Armed Forces at any time during the period from December 22, 1961 to August 5, 1964.

Approved June 9, 1995.

MUNICIPALITIES—ZONING—DISABILITY VARIANCE

CHAPTER 212

S.P. 408

L.D. 1096

An Act to Amend the Law Governing Municipal Zoning with Respect to Community Living Arrangements

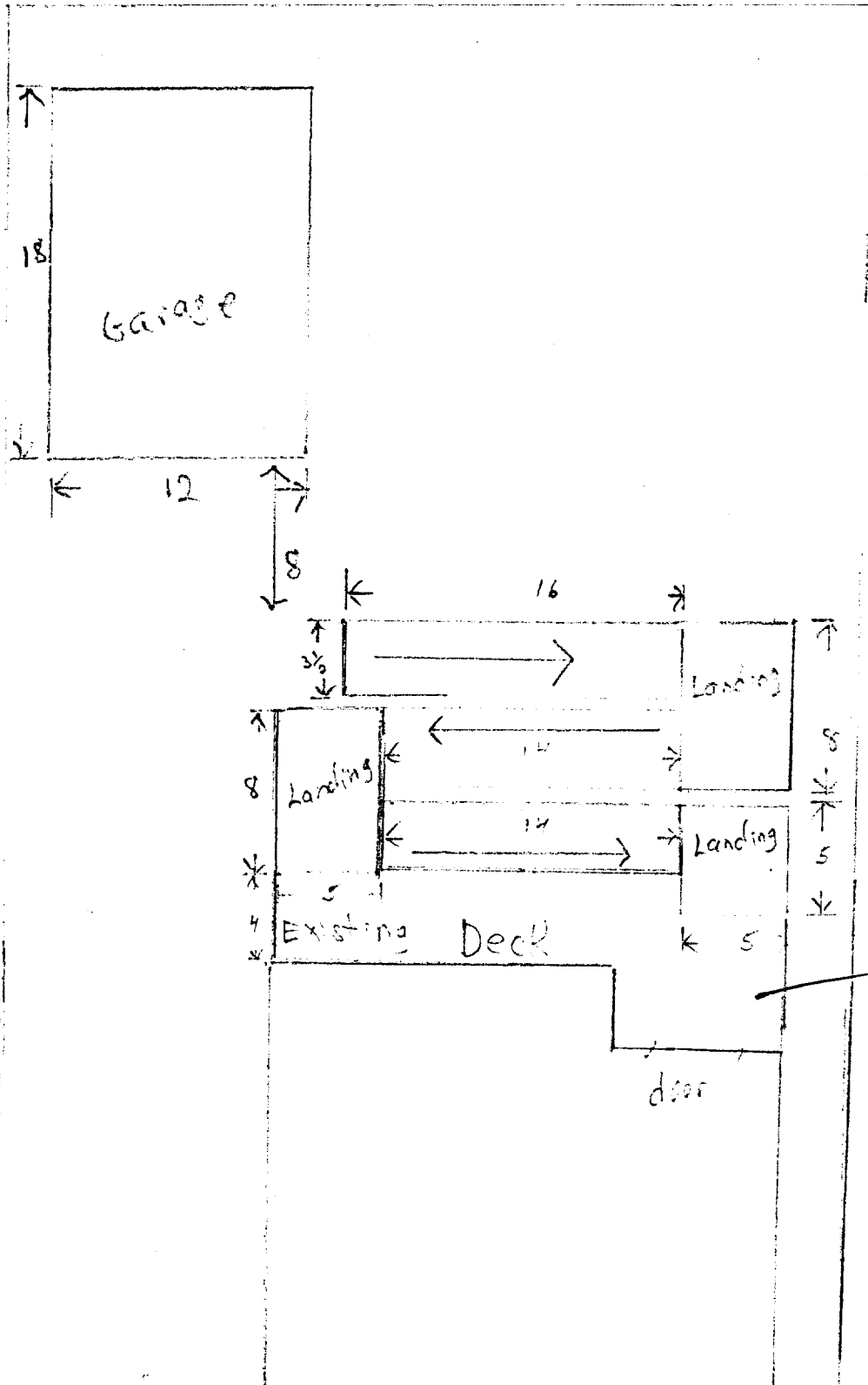
Be it enacted by the People of the State of Maine as follows:

Sec. 1. 30-A MRSA § 4353, sub-§ 4-A, as amended by PL 1991, c. 659, § 2, is further amended to read:

4-A. Disability variance. The board may grant a variance to a ~~property~~ an owner of a dwelling for the purpose of making that ~~property dwelling~~ dwelling accessible to a person with a disability who ~~is living on the property~~ resides in or regularly uses the dwelling. The board shall restrict any variance granted under this subsection solely to the installation of equipment or the construction of structures necessary for access to or egress from ~~the property dwelling~~ the dwelling by the person with the disability. The board may impose conditions on the variance, including limiting the variance to the duration of the disability or to the time that the person with the disability lives ~~on in the property dwelling~~ in the dwelling. For the purposes of this subsection, a disability has the same meaning as a physical or mental handicap under Title 5, section 4553 and the term "structures necessary for access to or egress from the ~~property dwelling~~ dwelling" is defined to include railing, wall or roof systems necessary for the safety or effectiveness of the structure.

Approved June 9, 1995.

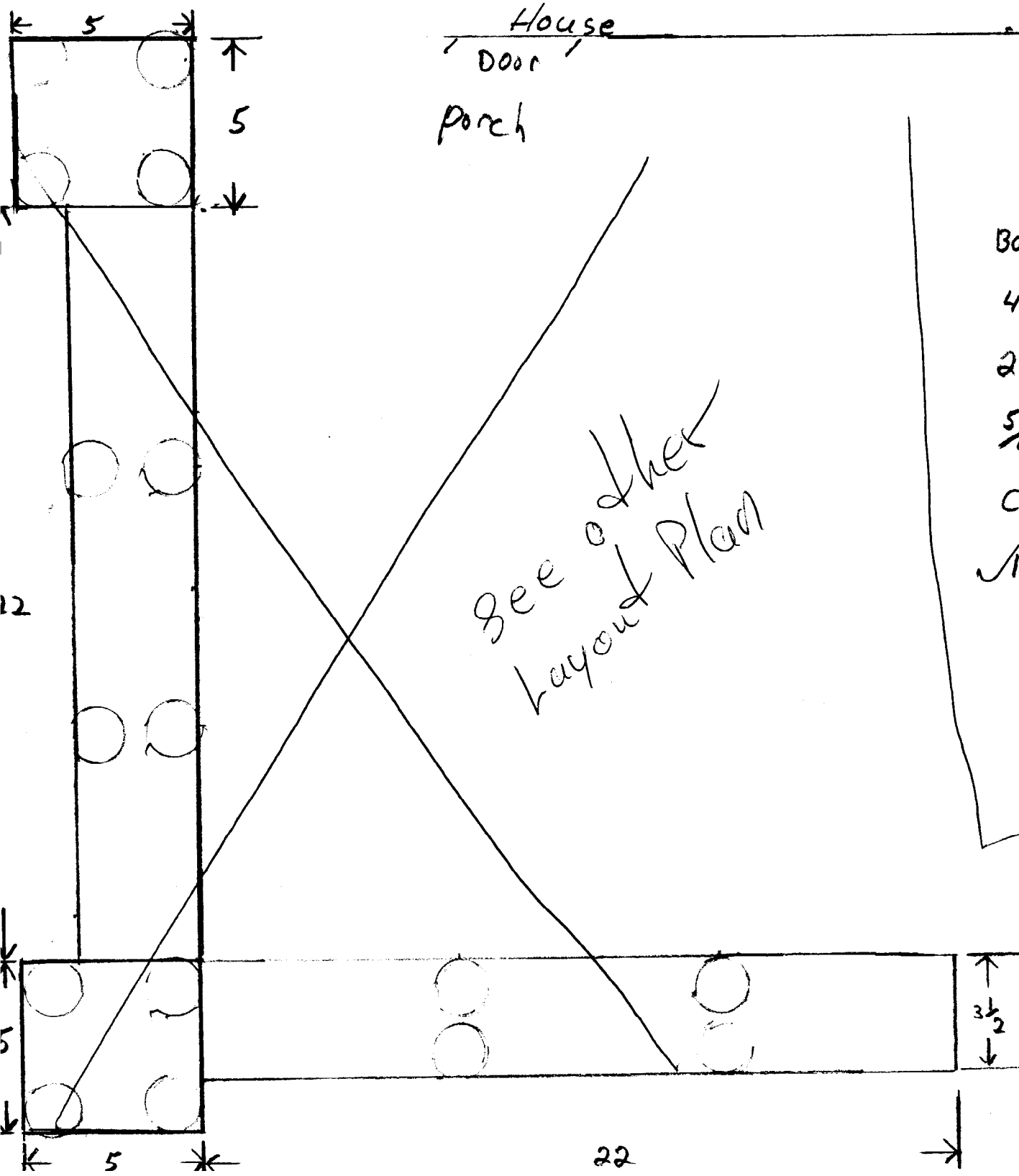
Additions are indicated by underline; deletions by strikeout



$$\frac{1'}{8} = 1'$$

44" in height
to get to rear
door

20



Palmer - ramp

07/2001

Scale $\frac{1}{4}'' = 1'$

Built to Alpha 1 code

4x4 posts - sonotubes 10"

2x6 stringers (frame)

$\frac{5}{4}$ decking

coded handrails

1" to 10" pitch

Specifications

