

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

Location of Construction: 52-56-58 Exchange ST. 04101		Owner: Old Port Arms		Phone:		Permit No: 991119
Owner Address: 52 Exchange ST. 04101		Lessee/Buyer's Name:		Phone:		
Contractor Name: *Grinnell Fire Protection		Address: * 20 Thomas Dr. westbrook 04092		Phone:		Zoning: B-3 CBL: 032-I-002
Past Use: Commercial		Proposed Use: Same		COST OF WORK: \$ 16,640.00 PERMIT FEE: \$ 126.00		
		FIRE DEPT. <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Signature: <i>[Signature]</i>		INSPECTION: Use Group: <i>gr</i> Type: <i>33</i> <i>1300096</i> Signature: <i>[Signature]</i>		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____
Proposed Project Description: Fire Alarm System Upgrade/Installation						
Permit Taken By: NW		Date Applied For: GD October 12, 1999				Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review Action: <i>Any Extension work requires SEPARATE review</i> <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied 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..

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

October 12, 1999

SIGNATURE OF APPLICANT _____ ADDRESS: _____ DATE: _____ PHONE: _____

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE _____ PHONE: _____

PERMIT ISSUED WITH REQUIREMENTS

PERMIT ISSUED WITH REQUIREMENTS

CEO DISTRICT

1

COMMENTS

9/26/00 Call in to Ltr MacDougal re: completion of

Type	Inspection Record	Date
Foundation:	_____	_____
Framing:	_____	_____
Plumbing:	_____	_____
Final:	_____	_____
Other:	_____	_____

BUILDING PERMIT REPORT

DATE: 13 OCT, 99 ADDRESS: 52-56-58 Exchange ST. CBL: 032-I-002
 REASON FOR PERMIT: Fire Alarm System Upgrade/Installation.
 BUILDING OWNER: Old Port Arms.
 PERMIT APPLICANT: _____ (Contractor Grisnell Fire Protection.)
 USE GROUP B/m CONSTRUCTION TYPE 3-B

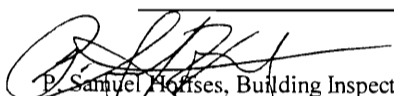
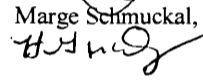
The City's Adopted Building Code (The BOCA National Building Code/1996 with City Amendments) _____
 The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993) _____
 Construction Cost: \$16,640.00
 Permit Fees: \$126.00

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions are met: *1, *2, *35

- 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 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 3e4" 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 3/4" 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)
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
 In addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required) Section 920.3.2.
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).
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).
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.
32. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.5.3 of the City's Building Code.
33. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
34. All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code 1996).
- *35. Fire Alarm System shall comply with section 98.0 of the City's Building Code. (The BOCA National Building Code/1996)
36. A Fire alarm completion test report per NFPA 72 shall be submitted to the Portland Fire Department
37. _____
38. _____


 P. Samuel Hoffes, Building Inspector
 cc: Lt. McDougall, PFD
 Marge Schumuckal, Zoning Administrator

 PSH 7/24/99

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

PORTLAND FIRE DEPARTMENT

Review Date: 10/13/99 Contractor: Grinnell Fire Protection

Address: 52-56-58 Exchange St CBL: 032-I-002

Please note marked Conditions of Approval

- * The boiler or furnace shall be protected by enclosing with one hour fire rated construction including fire doors and ceiling or by providing automatic extinguishment and smoke protected enclosure. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply system having a capacity sufficient to provide a 0.15 gpm per sq ft of floor throughout the entire area. An indicating shut-off valve shall be installed in an accessible location between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4" copper or 1" steel. Maximum coverage area of a residential sprinkler is 144 sq ft per sprinkler.
- ⊛ All required fire alarm systems shall have the capacity of zone disconnect via switches or key pad program provided the method is approved by the Fire Prevention Bureau.
- * All remote annunciators shall have a visible trouble indicator along with the fire alarm zone indicators.
- * Any master box connected to the municipal fire alarm system shall have a supervised municipal disconnect switch.
- * All master box locations shall be approved by the Fire Dept. Director of Communications.
- * A master box shall be located so that the center of the box is five feet above finished floor.
- * All master box locations are required to have a Knox box.
- ⊛ A fire alarm acceptance report shall be submitted to the Portland Fire Department.
- * All underground tank removal(s) and/or installation(s) shall be done in accordance with the Department of Environmental Protection and Regulation (Chapter 691).
- * No cutting of tanks on site. Cutting of tanks to be done at an approved disposal site.
- * The fire dispatcher must be notified at least 48 hrs in advance of removal or transportation of tanks.
- * All above ground L/P tanks shall be located in accordance with NFPA 58 standards.
- * Any tank located near the path of vehicle movement shall be protected.
- * All piping shall be protected from possible mechanical damage and vandalism.
- * A 4" storz fire department connection is required.
- * Any renovation of sprinkler system over 20 heads must have State Fire Marshall approval.
- * A sprinkler performance test shall be submitted to the P.F.D. after completion of work.
- * State Fire Marshall approval is required for this project.


Lt. Gaylen Mc Dougall
Portland Fire Prevention Bureau

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

**Building or Use Permit Pre-Application
Attached Single Family Dwellings/Two-Family Dwelling
Multi-Family or Commercial Structures and Additions Thereto**

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

NOTEIf 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 (include Portion of Building): 52/56/58 EXCHANGE ST (OLDE PORT ARMS)		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Number Chart# 032 Block# I Lot# 002	Owner: OLDE PORT ARMS	Telephone#:
Owner's Address: 52 EXCHANGE ST	Lessee/Buyer's Name (If Applicable)	Cost Of Work: \$ 16,400.00 Fee \$ 120
Proposed Project Description: (Please be as specific as possible) FIRE ALARM SYSTEM UPGRADE / INSTALLATION		
Contractor's Name, Address & Telephone: GRINNELL FIRE PROTECTION 20 THOMAS DR. WESTBROOK, ME 04092		Rec'd By: <i>[Signature]</i>
Current Use: Comm.	Proposed Use:	

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/Site Plan

Minor or Major site plan review will be required for the above proposed projects. The attached checklist outlines the minimum standards for a site plan.

4) Building Plans

Unless exempted by State Law, construction documents must be designed by a registered design professional.

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.

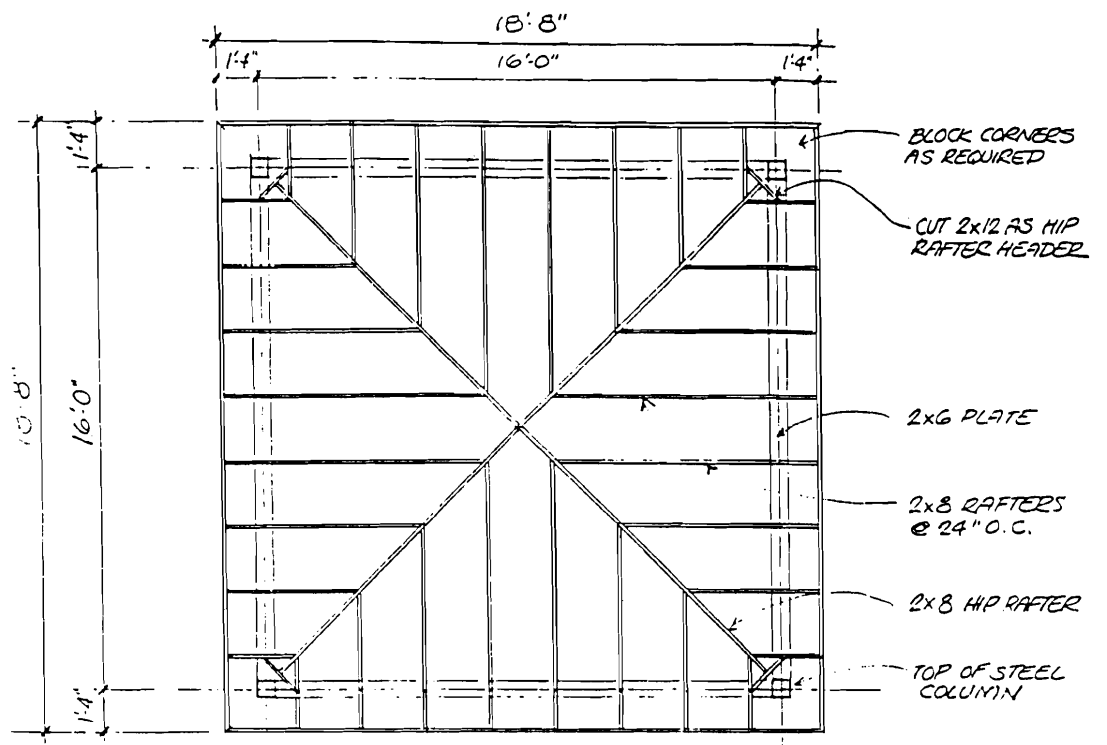
Certification

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Signature of applicant: Pete Reed (G.F.S. Co.)	Date: 10/12/99
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Building Permit Fee: \$30.00 for the 1st \$1000. cost plus \$6.00 per \$1,000.00 construction cost thereafter.
Additional Site review and related fees are attached on a separate addendum

Hand mail



ROOF FRAMING PLAN

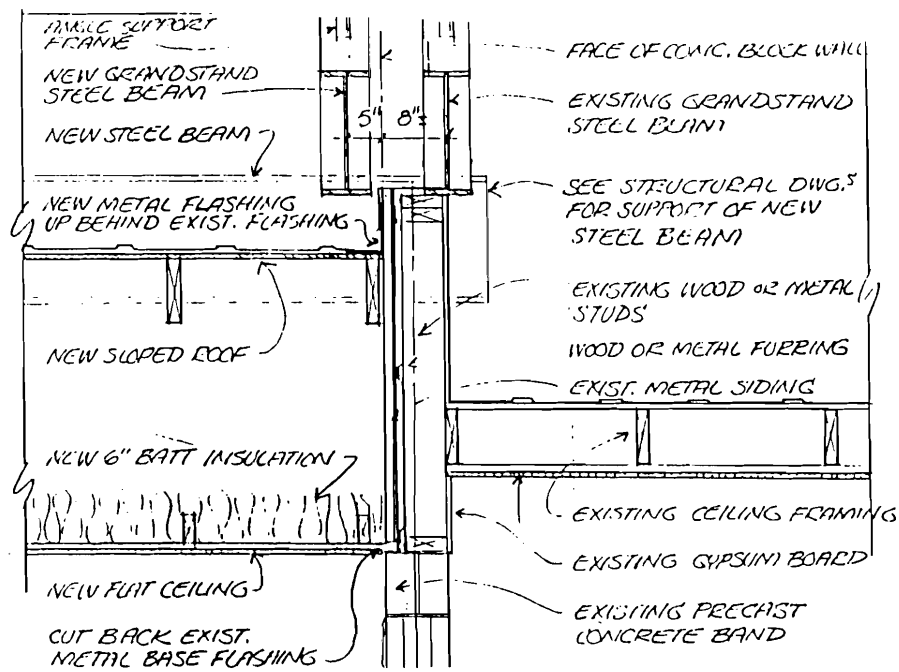


Figure 3. Typical Framing and Cross Section

These plans are all done by professionals, If your project is listed in the attached exemptions, you can prepare your own plans. For all other projects except those exempted, a Design Professional must prepare any construction documents. When proposing an addition, similar plans are required, the same goes for a detached garage or an attached deck.

The following State law governs technical submission requirements for building plans as well as site development. The law explains the *exemptions*, please read it CAREFULLY and our staff will answer any question that you may have.

2. Technical submissions; construction or development. Nothing in this chapter may be construed to prevent any person from preparing technical submissions for, or administering construction contracts in, the erection, construction or development of:

- A. Detached single or 2-family dwellings, including those to be utilized for home occupations, as defined by local ordinances, and sheds, storage buildings and garages incidental to the dwellings; [1991, c. 874, §3 (amd).]
- B. Farm buildings, including barns, silos, sheds or housing for farm equipment and machinery, livestock, poultry or storage, if the structures are designed to be occupied by no more than 10 persons; [1991, c. 874, §3 (amd).]
- C. Alterations, renovations or remodeling of a building when the cost of the work contemplated by the design does not exceed 15% of the assessed value of the building or \$50,000, whichever is the lesser, or does not require the issuance of a permit under applicable building codes or when the work involves those structures as provided in paragraphs A, B, F, G and H or when the work involves interior design services performed by a certified interior designer; [1993, c. 680, Pt. A, §28 (rpr).]
- D. [1991, c. 396, §21 (rp).]
- E. [1991, c. 396, §21 (rp).]
- F. Buildings that do not have as their principal purpose human occupancy or habitation; [1991, c. 874, §4 (new).]
- G. Single-story, above-grade buildings of less than 1,000 square feet that are designed to be occupied by no more than 10 persons; and [1991, c. 874, §4 (new).]
- H. Preengineered manufactured buildings. For the purposes of this section, "preengineered manufactured building" means a structural unit, other than a dwelling, that is designed by a person licensed as an engineer in the State and is constructed in a manufacturing facility. [1991, c. 874, §4 (new).]

[1993, c. 680, Pt. A, §28 (amd).]

Section History:

1977, c. 463, § 3 (NEW). 1991, c. 396, § 21 (RPR). 1991, c. 874, § 2-4 (AMD). 1993, c. 349, § 65 (AMD). 1993, c. 389, § 16-18 (AMD). 1993, c. 680, § A28 (AMD).

32 § 227. Enforcement

It shall be the duty of all duly constituted law enforcement officers of the State and all political subdivisions thereof to enforce this chapter and to prosecute any persons violating this chapter. [1977, c. 463, § 3 (new).]

Section History:

1977, c. 463, § 3 (NEW).

32 § 228. Penalties

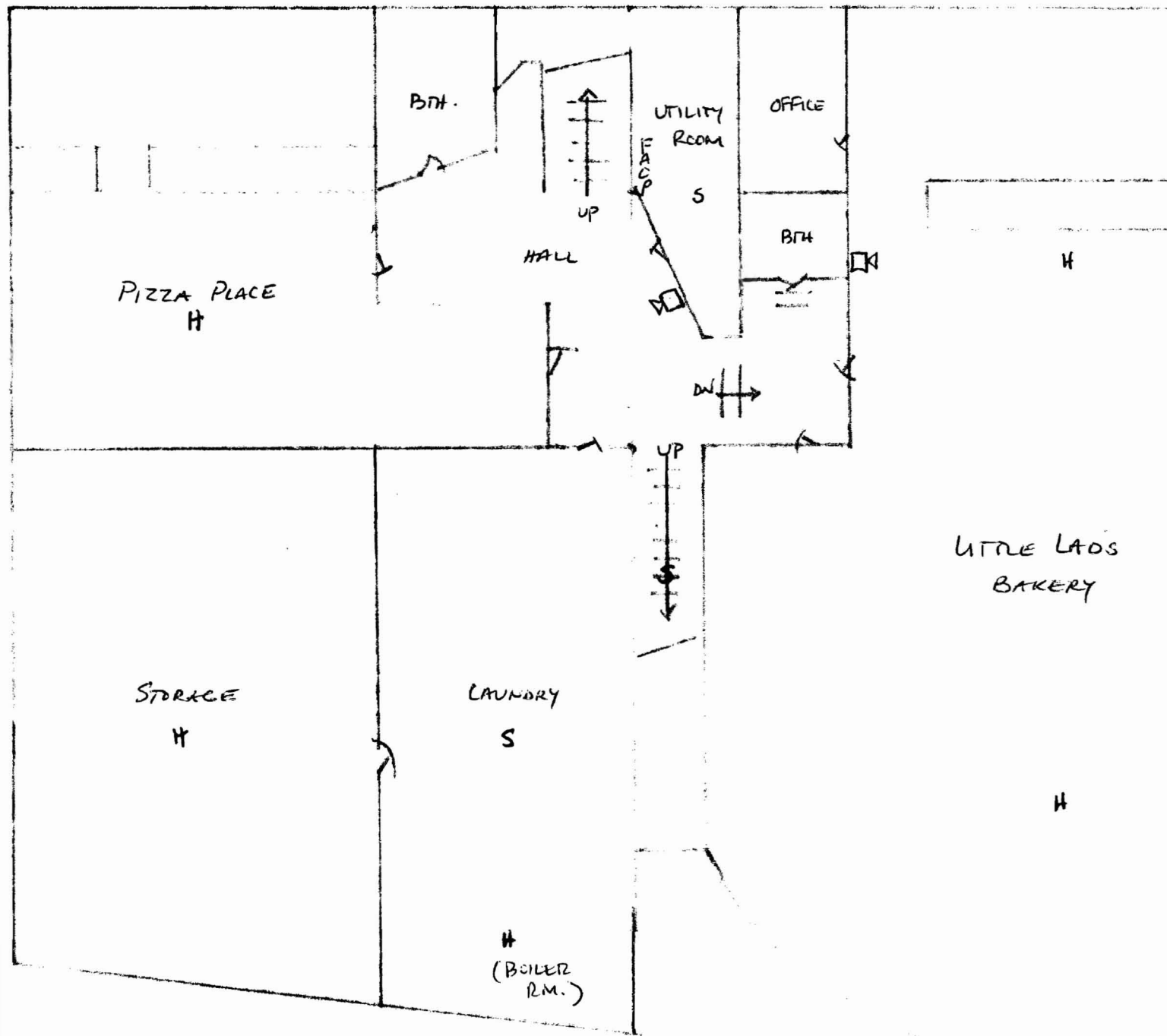
Violation of any provision of this chapter shall be a Class E crime punishable by a fine of not less than \$100 nor more than \$500, or by imprisonment for not more than 3 months, or by both. [1977, c. 463, § 3 (new).]

The State may bring an action in Superior Court to enjoin any person from violating this chapter, regardless of whether proceedings have been or may be instituted in the Administrative Court or whether criminal proceedings have been or may be instituted. [1983, c. 413, § 12 (new).]

Section History:

1977, c. 463, § 3 (NEW). 1983, c. 413, § 12 (AMD).

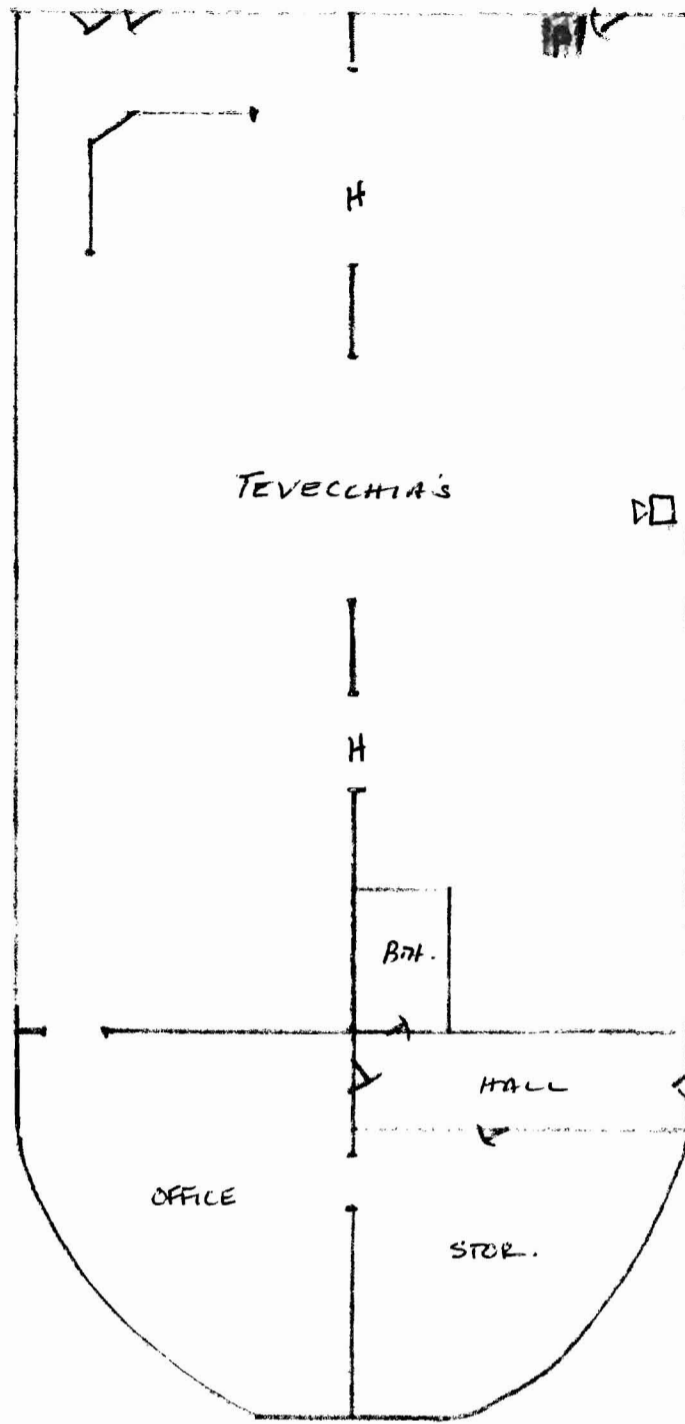
Basement Level



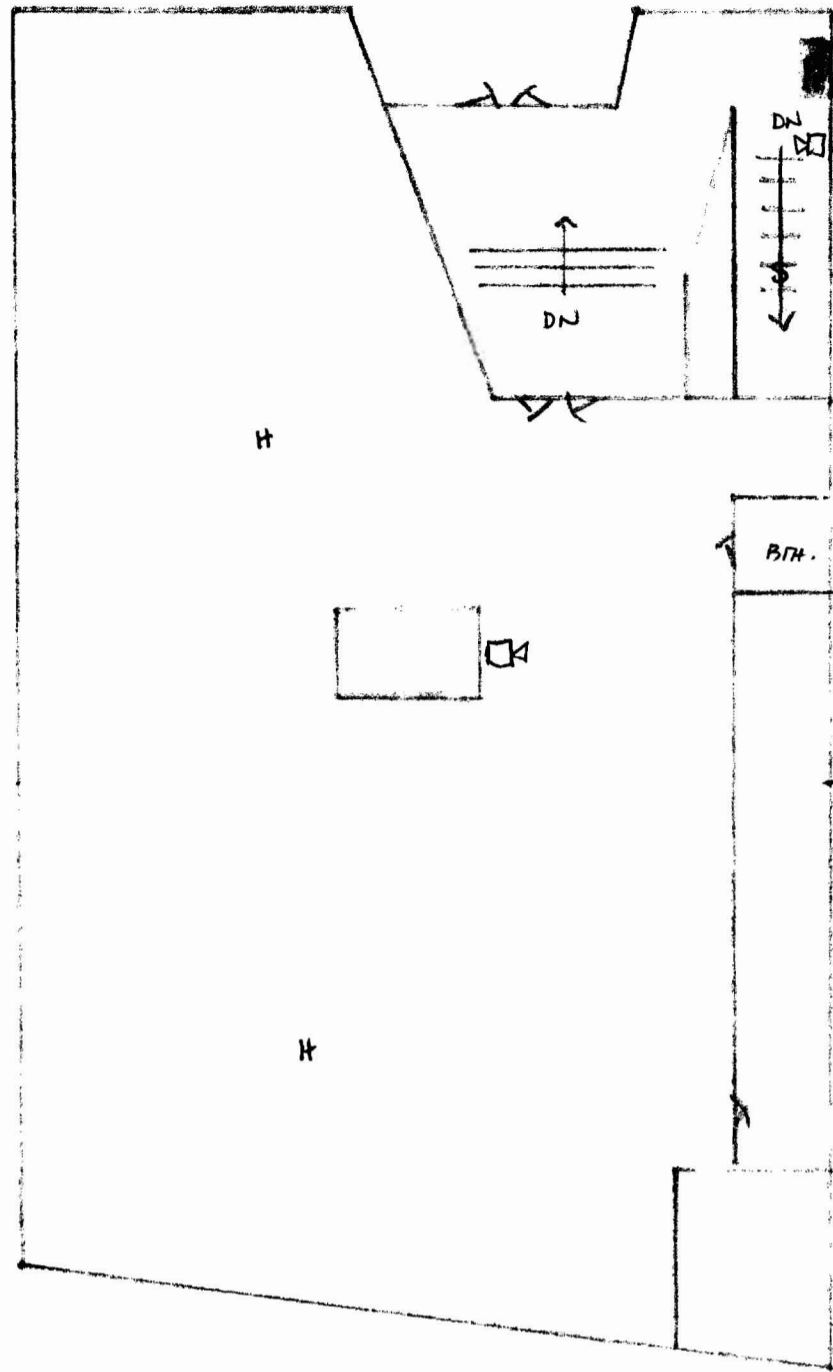
LEGEND

- FACP : FIRE ALARM PANEL
- RZA : REMOTE ZONE ANNUNCIATOR
- S : SMOKE DETECTOR
- H : HEAT DETECTOR (135°/200°)
- : PULL STATIONS
- ◻ : HORN/STROBE SIGNALS
- ◄ : MINI HORN/STROBE SIGNALS

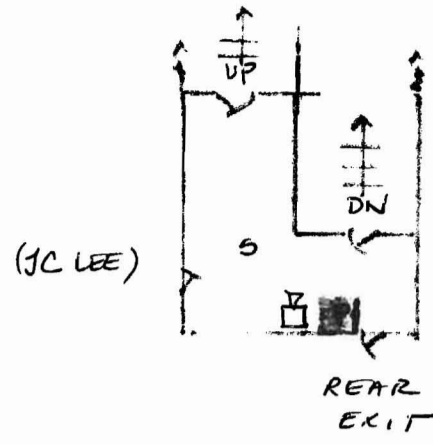
1st FLOOR - EXCHANGE STREET LEVEL



FIRST FLOOR - EXCHANGE ST. LEVEL
J.C. LEE



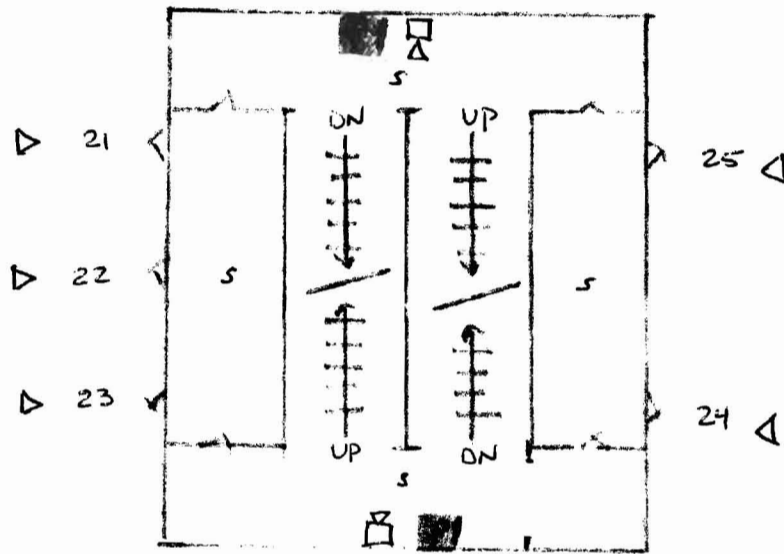
1ST FLOOR -
REAR LANDING



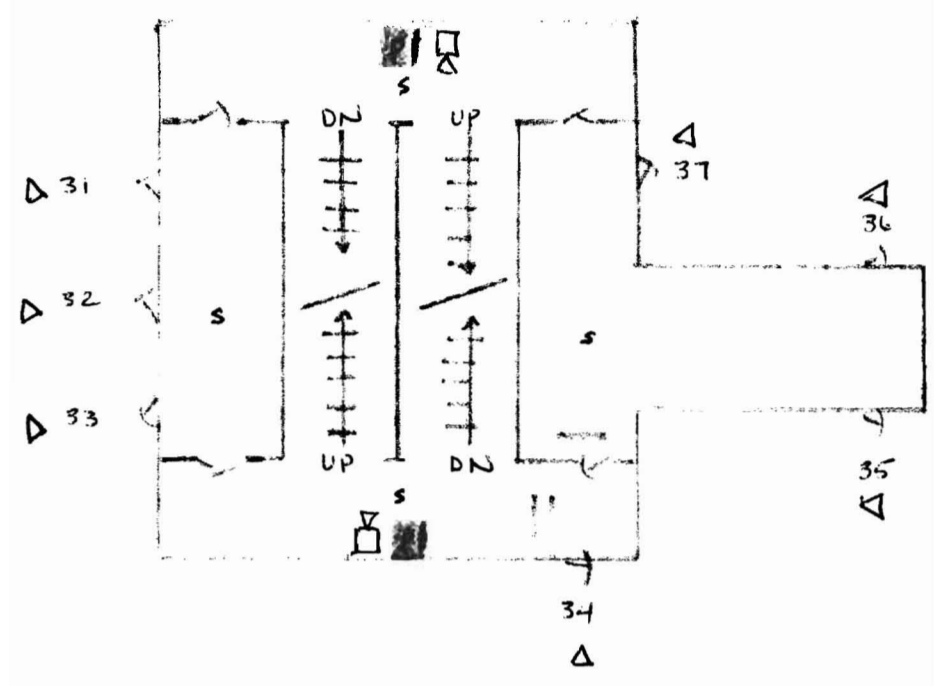
1ST FLOOR - (56 EXCHANGE)
FRONT LANDING



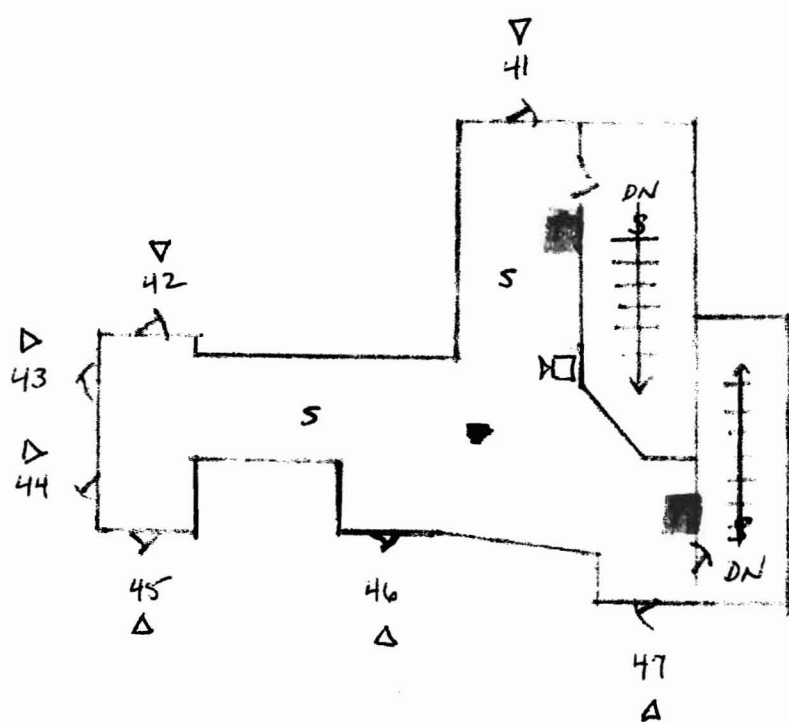
2ND FLOOR

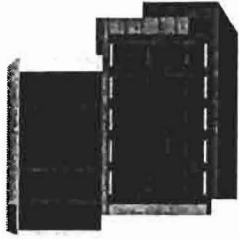


3RD FLOOR



4TH FLOOR





**CITY OF PORTLAND
BUILDING CODE CERTIFICATE**

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 **BOCA National Building Code/1996 Thirteenth Edition**, 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.

PSH 9/24/99



City of Portland, Maine

ACCESSIBILITY CERTIFICATE

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

FROM: _____

RE: Certificate of Design, HANDICAP ACCESSIBILITY

DATE: _____

These plans and/or specifications covering construction work on:

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

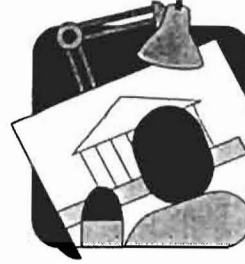
(SEAL)

Signature _____

Title _____

Firm _____

Address _____



CITY OF PORTLAND MAINE 04101

Tel. – 207-874-8704

Fax – 207-874-8716

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

FROM DESIGNER: _____

DATE: _____

Job Name: _____

Address of Construction: _____

THE BOCA NATIONAL BUILDING CODE/1996 THIRTEENTH EDITION

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

Building Code and Year _____ Use Group Classification(s) _____

Type of Construction _____ Bldg. Height _____ Bldg. Sq. Footage _____

Seismic Zone _____ Group Class _____

Roof Snow Load Per Sq. Ft. _____ Dead Load Per Sq. Ft. _____

Basic Wind Speed (mph) _____ Effective Velocity Pressure Per Sq. Ft. _____

Floor Live Load Per Sq. Ft. _____

Structure has full sprinkler system? Yes _____ No _____ Alarm System? Yes _____ No _____
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the from the Portland Fire Department.

Is structure being considered unlimited area building: Yes ___ No _____

If mixed use, what subsection of 313 is being considered _____

List Occupant loading for each room or space, designed into this Project.

(Designers Stamp & Signature)