

**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:

01-1350

Issue Date:

1 9 2001

CBL:

030 H001001

<b>Location of Construction:</b> 144 Commercial St	<b>Owner Name:</b> Dimillo Antoni Heirs	<b>Owner Address:</b> 271 Capisic St	<b>Phone:</b> 207-773-7632
<b>Business Name:</b> n/a	<b>Contractor Name:</b> Engel/Jeffrey Construction, Inc.	<b>Contractor Address:</b> 10 A Beach Street Portland	<b>Phone:</b> 749-0576
<b>Lessee/Buyer's Name:</b> n/a	<b>Phone:</b> n/a	<b>Permit Type:</b> Additions - Commercial	<b>Zone:</b> WCZ

<b>Past Use:</b> Commercial / Dimillos Marina	<b>Proposed Use:</b> Commercial / Construction of new Marina office building 51' x 18', for Dimillo's Marina	<b>Permit Fee:</b> \$576.00	<b>Cost of Work:</b> \$92,000.00	<b>CEO District:</b> 1
<b>Proposed Project Description:</b> Build New 51' x 18' Office  Link plan 2001-0154		<b>FIRE DEPT:</b> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	<b>INSPECTION:</b> Use Group: B Type: 5B	
		Signature: [Signature] Signature: [Signature]		
		<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b> Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

<b>Permit Taken By:</b> gg	<b>Date Applied For:</b> 10/31/2001	<b>Zoning Approval</b>		
<ol style="list-style-type: none"><li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li><li>Building permits do not include plumbing, septic or electrical work.</li><li>Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. includes a) Flood Haz. Dev. Permit b) Flood Haz. Part I c) elevation Certificate</li></ol>		<b>Special Zone or Reviews</b> <input checked="" type="checkbox"/> Shoreland WCZ is exempt. <input type="checkbox"/> Wetland <input checked="" type="checkbox"/> Flood Zone Panel 14B Zone A2-cl 10 requires 12' floor elevation <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan #2001-0154 Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/> OK with conditions Date: 3/15/01	<b>Zoning Appeal</b> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	<b>Historic Preservation</b> <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 9

**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

12/15/01 Called for In Slab plumbing inspection - test on, hanger supports adequate rebar/wire and insulation in place, Framing in progress. (7C)

1/15/02 Slab ok for 11/10/02 tag - To finish Plumbing - Framing ok -  
ok to close NON Plumbing rooms  
will call back for plumbing tests

12/28/07 no final called re-  
close SMW

~spectator

to Be filled in - Completed & Signed by  
The Appropriate people



**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**NATIONAL FLOOD INSURANCE PROGRAM**

**ELEVATION CERTIFICATE**

**AND**

**INSTRUCTIONS**

# **NATIONAL FLOOD INSURANCE PROGRAM ELEVATION CERTIFICATE**

## **PAPERWORK REDUCTION ACT NOTICE**

Public reporting burden for the Elevation Certificate is estimated to average 2.25 hours per response. Burden means the time, effort, or financial resources expended by persons to generate, maintain, retain, disclose, or provide information to the Federal Emergency Management Agency (FEMA). You are not required to respond to the collection of information unless a valid OMB control number is displayed in the upper right corner of each form. You may send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (3067-0077). Do not send completed form(s) to the above address. To obtain or retain benefits under the National Flood Insurance Program (NFIP), you must respond to this collection of information.

## **PURPOSE OF THE ELEVATION CERTIFICATE**

The Elevation Certificate is an important administrative tool of the National Flood Insurance Program (NFIP). It is to be used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to determine the proper insurance premium rate, and to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR-F).

The Elevation Certificate is required in order to properly rate post-FIRM buildings, which are buildings constructed after publication of the Flood Insurance Rate Map (FIRM), for flood insurance Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO. The Elevation Certificate is not required for pre-FIRM buildings unless the building is being rated under the optional post-FIRM flood insurance rules.

As part of the agreement for making flood insurance available in a community, the NFIP requires the community to adopt a floodplain management ordinance that specifies minimum requirements for reducing flood losses. One such requirement is that the community obtain the elevation of the lowest floor (including basement) of all new and substantially improved buildings, and maintain a record of such information. The Elevation Certificate provides a way for a community to comply with this requirement.

Use of this certificate does not provide a waiver of the flood insurance purchase requirement. Only a LOMA or LOMR-F from the Federal Emergency Management Agency (FEMA) can amend the FIRM and remove the Federal mandate for a lending institution to require the purchase of flood insurance. However, the lending institution has the option of requiring flood insurance even if a LOMA/LOMR-F has been issued by FEMA. The Elevation Certificate may be used to support a LOMA or LOMR-F request. Lowest floor and lowest adjacent ground elevations certified by a surveyor or engineer will be required if the certificate is used to support a LOMA or LOMR-F request.

This certificate is used only to certify building elevations. A separate certificate is required for floodproofing. Under the NFIP, non-residential buildings can be floodproofed up to or above the Base Flood Elevation (BFE). A floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE. Floodproofing of residential buildings is not permitted under the NFIP unless FEMA has granted the community an exception for residential floodproofed basements. The community must adopt standards for design and construction of floodproofed basements before FEMA will grant a basement exception. For both floodproofed non-residential buildings and residential floodproofed basements in communities that have been granted an exception by FEMA, a floodproofing certificate is required.

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM  
ELEVATION CERTIFICATE

O.M.B. No. 3067-0077  
Expires July 31, 2002

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:
BUILDING OWNER'S NAME <u>Anthony DiMillo heirs</u>		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. <u>271 Capisco St</u>		Company NAIC Number
CITY <u>Portland, ME</u>	STATE	ZIP CODE
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>144 Commercial St - 030-H-001</u>		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc.) Use Comments section if necessary. <u>18'x51' main office for existing MAINT</u>		
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.##" or ##.####")	HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other:

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER <u>Portland, ME 230051</u>	B2. COUNTY NAME <u>Cumberland</u>	B3. STATE <u>ME</u>
B4. MAP AND PANEL NUMBER <u>0014</u>	B5. SUFFIX <u>B</u>	B6. FIRM INDEX DATE
B7. FIRM PANEL EFFECTIVE/REVISED DATE <u>July 17, 1986</u>	B8. FLOOD ZONE(S) <u>AZ</u>	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) <u>el 10</u>

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe):

B11. Indicate the elevation datum used for the BFE in B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe):

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No  
Designation Date:

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☐ Finished Construction  
\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number \_\_\_\_\_ (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO  
Complete Items C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.  
Datum \_\_\_\_\_ Conversion/Comments \_\_\_\_\_

Elevation reference mark used \_\_\_\_\_ Does the elevation reference mark used appear on the FIRM? ☐ Yes ☐ No

<input type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	_____ ft. (m)	License Number, Embossed Seal, Signature, and Date
<input type="checkbox"/> b) Top of next higher floor	_____ ft. (m)	
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	_____ ft. (m)	
<input type="checkbox"/> d) Attached garage (top of slab)	_____ ft. (m)	
<input type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building	_____ ft. (m)	
<input type="checkbox"/> f) Lowest adjacent grade (LAG)	_____ ft. (m)	
<input type="checkbox"/> g) Highest adjacent grade (HAG)	_____ ft. (m)	
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	_____	
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3h	_____ sq. in. (sq. cm)	

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.  
I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.  
I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME	LICENSE NUMBER		
TITLE	COMPANY NAME		
ADDRESS	CITY	STATE	ZIP CODE
SIGNATURE	DATE	TELEPHONE	

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>For Insurance Company Use:</b>
<b>BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.</b>			<b>Policy Number</b>
<b>CITY</b>	<b>STATE</b>	<b>ZIP CODE</b>	<b>Company NAIC Number</b>

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO and ZONE A (WITHOUT BFE) Check here if attachments

E1. Building Diagram Number \_\_\_\_ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is  ft.(m)  in.(cm)  above or  below (check one) the highest adjacent grade.

E3. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown. The local official must certify this information in Section G.

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here.

ADDRESS :	CITY	STATE	ZIP CODE
SIGNATURE	DATE	TELEPHONE	
COMMENTS			

☐ Check here if attachments

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

**G8. Elevation of as-built lowest floor (including basement) of the building is:**

**G9. BFE or (in Zone AO) depth of flooding at the building site is:**

LOCAL OFFICIAL'S NAME

TITLE

COMMUNITY NAME

TELEPHONE

SIGNATURE

DATE \_\_\_\_\_

**COMMENTS**

☐ Check here if attachments



**CITY OF PORTLAND**

September 26, 2001

Mr. Chris DiMillo  
DiMillo's  
Long Wharf  
Portland, ME 04101

RE: Revision to Marina Facilities Office, 144 Commercial Street  
Job #2001-0154, CBL #30-H-001

Dear Mr. DiMillo:

This letter is to confirm the revision to the approved plan of the Marina Facilities Office project located at 144 Commercial Street. The approved revision includes the relocation of the building. The revised plan has been reviewed and approved by the project review staff including representatives of the Planning, Public Works, Building Inspections, Fire and Parks Departments, with the following condition:

- that the building must be located five (5) feet away from the pier line.

If you have any questions regarding the revision please contact the planning staff at 874-8901.

Sincerely,

A handwritten signature in black ink, appearing to read "Alexander Jaegerman".

Alexander Jaegerman  
Chief Planner

cc: Kandice Talbot, Planner  
✓ P. Samuel Hoffses, Building Inspector  
Jeff Tarling, City Arborist  
William Bray, Director of Public Works  
Tony Lombardo, Project Engineer  
Lt. Gaylen McDougall, Fire Prevention  
Larry Ash, Traffic Engineer  
Penny Littell, Associate Corporation Counsel  
Inspection Department  
Development Review Coordinator  
Lee Urban, Director of Economic Development  
Susan Doughty, Assessor's Office  
Approval Letter File

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CITY OF PORTLAND

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Sincerely,

  
Alexander Jaegerman  
Chief Planner

cc: Kandice Talbot, Planner  
P. Samuel Hoffses, Building Inspector  
Jeff Tarling, City Arborist  
William Bray, Director of Public Works  
Tony Lombardo, Project Engineer  
Lt. Gaylen McDougall, Fire Prevention  
Larry Ash, Traffic Engineer  
Penny Littell, Associate Corporation Counsel  
✓ Inspection Department  
Development Review Coordinator  
Lee Urban, Director of Economic Development  
Susan Doughty, Assessor's Office  
Approval Letter File

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030-4-001  
DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)  
PERMIT BY RULE NOTIFICATION FORM  
(For use with DEP Regulation, Chapter 305)

RECEIVED DEP-SMR

PLEASE TYPE OR PRINT IN BLACK INK ONLY (3 COPIES, PLEASE BEAR DOWN)

Name of Applicant:	DiMillo's Old Port Marina		Name of Owner:	Christopher DiMillo	
Mailing Address:	Long Wharf		Town/City:	Portland ME	
State:	ME	Zip Code:	04101	Daytime Telephone No:	207 773 7632
Name of Wetland, Water Body or Stream:			Casco Bay / Portland Harbor		
Detailed Directions to Site:			Commercial St. to Long Wharf		
Town/City:			Map #:	Lot #:	County:
Description of Project:			Attached		
Part of a larger project?			Yes	X	No

(CHECK ONE) This project: does ☒ does not ☐ involve work below mean low water.

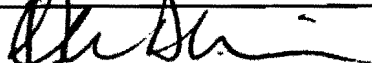
I am filing notice of my intent to carry out work which meets the requirements for Permit By Rule (PBR) under DEP Regulation, Chapter 305. I have a copy of PBR Sections checked below. I have read and will comply with all of the standards.

- 11/10/2000
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Sec. (2) Soil Disturbance                | <input type="checkbox"/> Sec. (8) Shoreline stabilization                         | <input checked="" type="checkbox"/> Sec. (14) Piers, Wharves & Pilings |
| <input type="checkbox"/> Sec. (3) Intake Pipes                    | <input type="checkbox"/> Sec. (9) Utility Crossing                                | <input type="checkbox"/> Sec. (15) Public Boat Ramps                   |
| <input type="checkbox"/> Sec. (4) Replacement of Structures       | <input type="checkbox"/> Sec. (10) Stream Crossing                                | <input type="checkbox"/> Sec. (16) Coastal Sand Dune Projects          |
| <input type="checkbox"/> Sec. (5) REPEALED                        | <input type="checkbox"/> Sec. (11) State Transportation Facilities                | <input type="checkbox"/> Sec. (17) Transfers/Permit Extension          |
| <input type="checkbox"/> Sec. (6) Movement of Rocks or Vegetation | <input type="checkbox"/> Sec. (12) Restoration of Natural Areas                   | <input type="checkbox"/> Sec. (18) Maintenance Dredging                |
| <input type="checkbox"/> Sec. (7) Outfall Pipes                   | <input type="checkbox"/> Sec. (13) F&W Creation/Enhance/Water Quality Improvement |  |

I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules. I also understand that **this permit is not valid until approved by the Department or 14 days after receipt by the Department, whichever is less.**

I have attached all of the following required submittals. NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS:

- ☒ **Attach** a check for \$50 (non-refundable) made payable to: "Treasurer, State of Maine".  
☒ **Attach** a U.S.G.S. topo map or Maine Atlas & Gazetteer map with the project site clearly marked.  
☒ **Attach** photographs showing existing site conditions (unless not required under standards).

Signature of Applicant:		Date:	10/10/2000
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Keep the bottom copy as a record of permit. Send the form with attachments via certified mail to the Maine Dept. of Environmental Protection at the appropriate regional office listed below. The DEP will send a copy to the Town Office as evidence of the DEP's receipt of notification. No further authorization by DEP will be issued after receipt of notice. Permits are valid for two years. Work carried out in violation of any standard is subject to enforcement action.

AUGUSTA DEP  
STATE HOUSE STATION 17  
AUGUSTA, ME 04333-0017  
(207)287-2111

PORTLAND DEP  
312 CANCO ROAD  
PORTLAND, ME 04103  
(207)822-6300

BANGOR DEP  
106 HOGAN ROAD  
BANGOR, ME 04401  
(207)941-4570

PRESQUE ISLE DEP  
1235 CENTRAL DRIVE  
PRESQUE ISLE, ME 04769  
(207)764-0477

OFFICE USE ONLY	Ck.#	Date	Staff	Staff	After Photos
PBR #	FP		Acc. Date	Def. Date	

Planning &amp; Urban Development



## CITY OF PORTLAND

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Sincerely,

  
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# BUILDING PERMIT REPORT

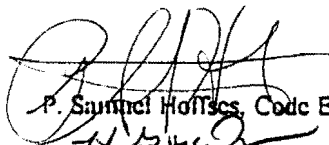
DATE: 2/9/98 ADDRESS: 25 Long Wharf  
 REASON FOR PERMIT: rebuild ticket booth  
 BUILDING OWNER: D. Milla  
 CONTRACTOR: —  
 PERMIT APPLICANT: Steve D. Milla APPROVAL: \*1, \*2, \*7, \*30 DENIED —  
 USE GROUP U BOCA 1996 CONSTRUCTION TYPE 5B

## CONDITION(S) OF APPROVAL

- \*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)
3. Precaution must be taken to protect concrete from freezing.
4. 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.
5. 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)
6. 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).
7. Sound transmission control in residential building shall be done in accordance with Chapter 12 section 1214.0 of the city's building code.
8. 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".)
9. Headroom in habitable space is a minimum of 7'6".
10. 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.
11. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6' 8")
12. 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.
13. 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.
14. 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.
15. The boiler shall be protected by enclosing with (1) hour fire-rated construction including fire doors and ceiling, or by providing automatic extinguishment.
16. 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 19, 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)

17. 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.
18. The Fire Alarm System shall be maintained to NFPA #72 Standard.
19. The Sprinkler System shall maintained to NFPA #13 Standard.
20. All exit signs, lights, and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023. & 1024. Of the City's building code. (The BOCA National Building Code/1996)
21. No construction or demolition work shall begin until you have obtained permits for dumpsters or containers. A work Stop Order shall be issued if this requirement is not met.
22. 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".
23. 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 to the Division of Inspection Services.
24. This permit does not excuse the applicant from obtaining any license which may be needed from the City Clerk's office.
25. Ventilation shall meet the requirements of Chapter 12 Sections 1210. of the City's Building Code.
26. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade.
27. All requirements must be met before a final Certificate of Occupancy is issued.
28. 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).
29. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical Code (The BOCA National Mechanical Code/1993).
- X 30. Please read and implement attached Landuse-Zoning Report
31. \_\_\_\_\_
32. \_\_\_\_\_
33. \_\_\_\_\_
34. \_\_\_\_\_

  
P. Samuel Hoffman, Code Enforcement  
cc: Lt. McDougall, PFD  
Marge Schmuckal

LAND USE - ZONING REPORT

ADDRESS: 25 Long Wharf DATE: 2/5/98

REASON FOR PERMIT: Rebuild Ticket Booth

BUILDING OWNER: Anthony DiMillo C-B-L: 030-H-001

PERMIT APPLICANT: Steve DiMillo

APPROVED: with conditions DENIED: \_\_\_\_\_

#7 #9

CONDITION(S) OF APPROVAL

1. During its existence, all aspects of the Home Occupation criteria, Section 14-410, shall be maintained.
2. The footprint of the existing \_\_\_\_\_ shall not be increased during maintenance reconstruction.
3. All the conditions placed on the original, previously approved, permit issued on \_\_\_\_\_ are still in effect for this amendment.
4. Your present structure is legally nonconforming as to rear and side setbacks. If you were to demolish the building on your own volition, you will not be able to maintain these same setbacks. Instead you would need to meet the zoning setbacks set forth in today's ordinances. In order to preserve these legally non-conforming setbacks, you may only rebuild the garage in place and in phases.
5. This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
6. 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.
- ⑦ Separate permits shall be required for any signage, And Awnings.
- ⑧ Separate permits shall be required for future decks and/or garage.
- ⑨ Other requirements of condition The ticket Booth shall be a  
minimum of five (5) feet from any  
line

Marge Schmuckal

Marge Schmuckal, Zoning Administrator,  
Asst. Chief of Code Enforcement

# APPLICATION FOR EXEMPTION FROM SITE PLAN REVIEW

Antonio DiMillo  
 Applicant  
Long Wharf, Portland, Maine 04101  
 Applicant's Mailing Address  
Peter S. Plumb, Esq. (207) 773-5651  
 Consultant/Agent/Phone Number

December 31, 1997  
 Application Date  
Ticket Booth at head of Long Wharf  
 Project Name/Description  
Head of Long Wharf, Portland, Maine  
 Address of Proposed Site

**Description of Proposed Development:** Two small and somewhat decrepit ticket booths located at the head of Long Wharf near Commercial Street will be removed and replaced by a single consolidated ticket booth. The floor area for the two buildings to be removed is approximately 370 sq. feet. The new structure will have a total floor space of approximately 450 sq. feet with an exterior covered awning of approximately 100 additional sq. feet. Instead of the ticket purchase area facing Commercial Street, the ticket purchase area will now face outwards to Long Wharf, thus reducing the building frontage on Commercial Street. The height will be the same.

Please Attach Sketch/Plan of Proposal/Development

Criteria for Exemptions:

See Section 14-523 (4)

- a) Within Existing Structures; No New Buildings, Demolitions or Additions
- b) Footprint Increase Less Than 500 Sq. Ft.
- c) No New Curb Cuts, Driveways, Parking Areas
- d) Curbs and Sidewalks in Sound Condition/ Comply with ADA
- e) No Additional Parking / No Traffic Increase
- f) No Stormwater Problems
- g) Sufficient Property Screening
- h) Adequate Utilities

Applicant's Assessment (Yes, No, N/A)	Planning Office Use Only
N/A	OK
The replacement structures increases the overall existing footprint by less than 200 sq. feet	OK
None	OK
Yes	OK
None	OK
N/A	OK
N/A	OK
N/A	OK

Planning Office Use Only:

Exemption Granted ☒ Partial Exemption ☐ Exemption Denied ☐

Planner's Signature

Kandice Talbot

Date

1/27/98

Copy 1 - Planning Office

Copy 2 - Inspections

Copy 3 - Applicant

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.

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 (include Portion of Building): <u>Dimillo's Marina, Long Wharf, Portland, ME 04101</u>			
Total Square Footage of Proposed Structure <u>918 sq. ft.</u>		Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Number Chart# <u>030</u> Block# <u>H</u> Lot# <u>001</u>		Owner: <u>Christopher Dimillo</u>	Telephone#: <u>773-7632</u>
Owner's Address: <u>Dimillo's Marina Long Wharf Portland, ME 04101</u>		Lessee/Buyer's Name (If Applicable) <u>NA</u>	Cost Of Work: <u>\$92,000</u> Fee <u>\$576.00</u>
Proposed Project Description: (Please be as specific as possible) <u>Construction of a new Marina office building, 51'x18', for Dimillo's Marina.</u> <u>Call when ready 775-0123</u>			
Contractor's Name, Address & Telephone <u>Engel / Jeffrey Construction, Inc. 10A Beach Street, Portland, ME 04101</u>			Rec'd By
Current Use:		Proposed Use: <u>Dimillo's Marina Office Building</u>	

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

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: <u>[Signature]</u>	Date: <u>10/3/01</u>
--	----------------------

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

\*Will Fax -

Phil Engel -

Application ID Number:		1-1350			
Department:	Zoning	Status:	Approved with Conditions	Reviewer:	Marge Schmuckal
Comments:	144 Commercial St/ Long Wharf			Approval Date:	11/05/2001
				Given On Date:	11/05/2001
<input checked="" type="checkbox"/> OK to Issue Permit		Name:	Marge Schmuckal	Date:	11/05/2001
		Date 2:			
Conditions Section:					
This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.					
Separate permits shall be required for any new signage.					
All of the attached Floodplain forms shall be appropriately filled out, signed and returned prior to the issuance of any certificates of occupancy or completion of the job. The new structure shall have a first floor elevation of at least 12'.					
Create Date:	11/05/2001	By:	gg	Update Date:	11/05/2001
				By:	mes

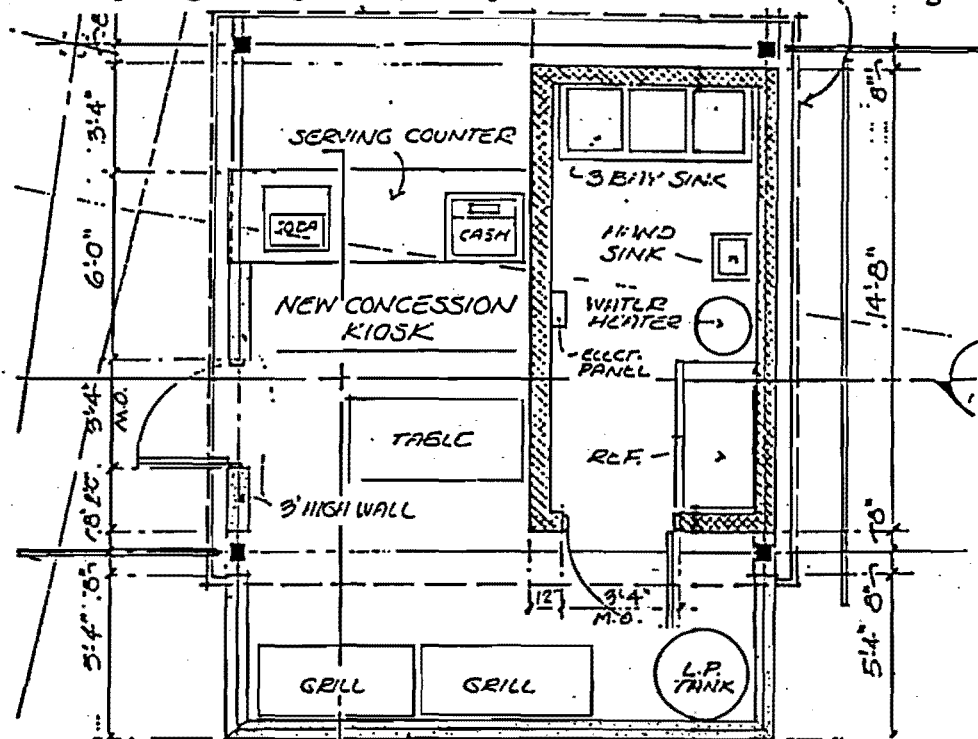


## Submission Requirements

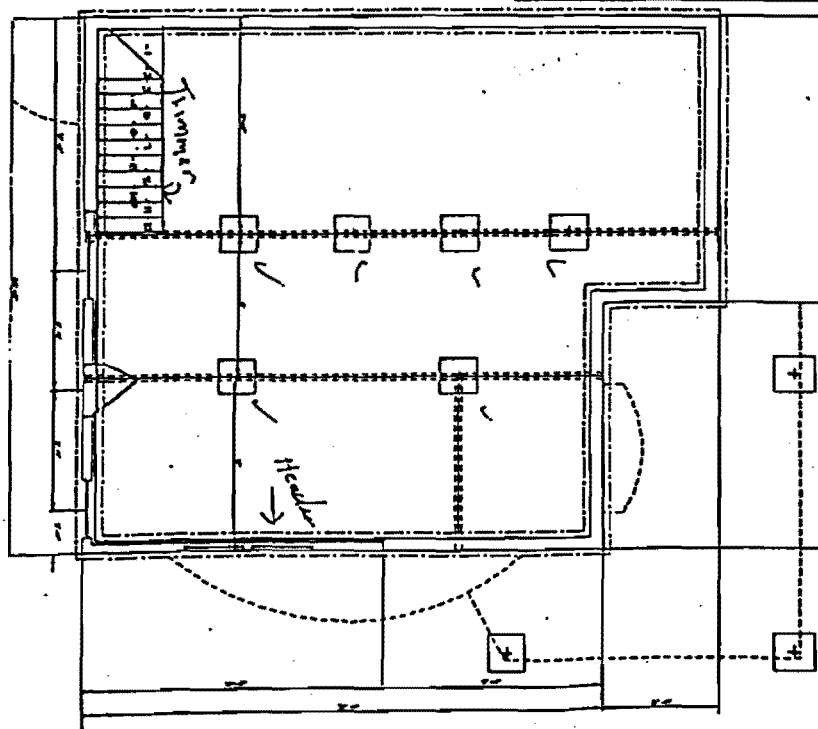
### Multi-Family, Duplex and Commercial Construction

When a property owner is proposing either a new structure or an addition, this office requires:

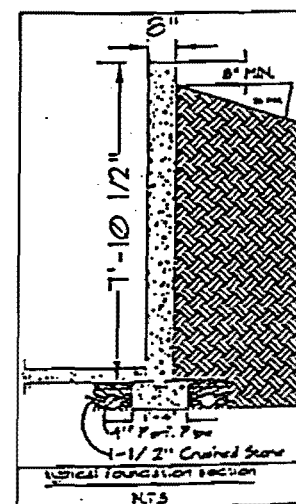
- For new construction, structural alterations, or additions, plans showing structural details must be provided. Minimally they should include foundation plans, including drainage and support column spacing framing details, floor plans and a cross section. (See Figures 1, 2 & 3)

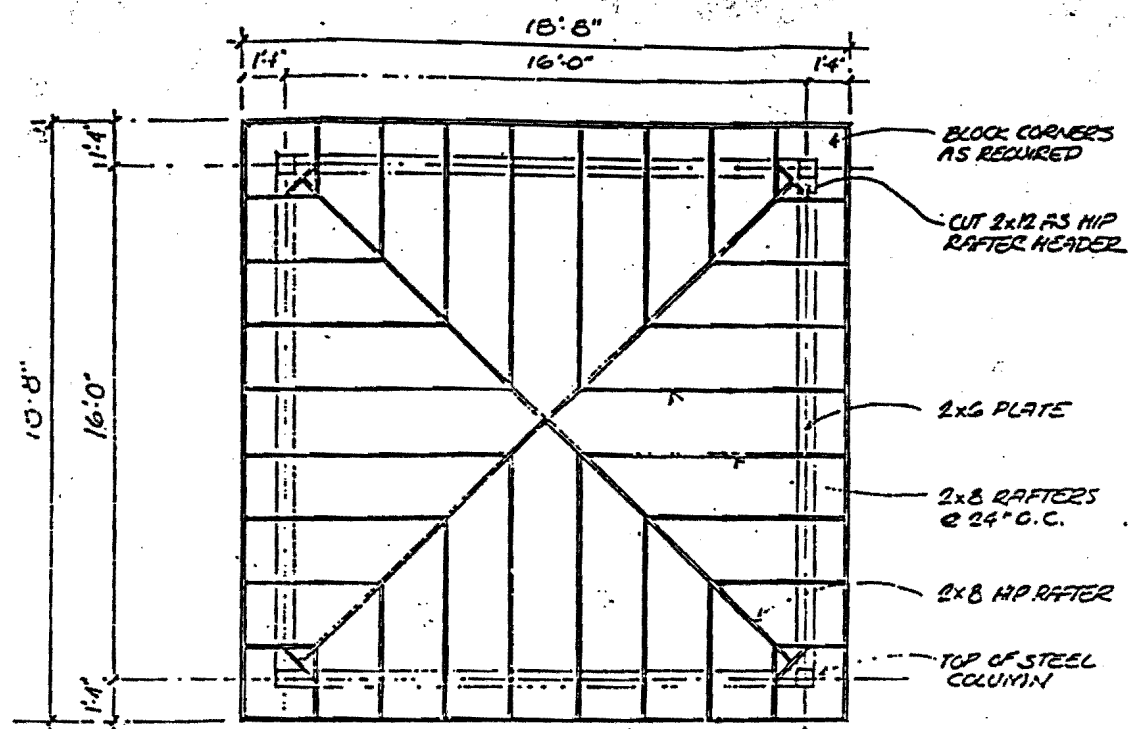


**Figure 1. Typical Floor Plan**



**Figure 2. Typical Foundation Plan**





ROOF FRAMING PLAN

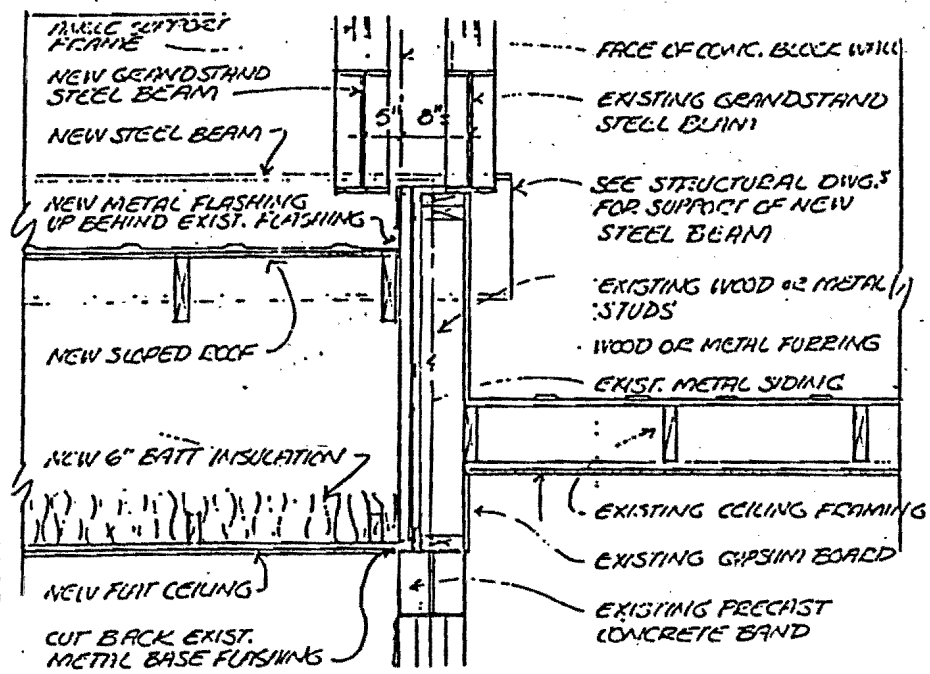


Figure 3. Typical Framing and Cross Section

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).



Inspection Services  
P. Samuel Hoffses  
Chief



Planning and Urban Development  
Joseph E. Gray Jr.  
Director

## CITY OF PORTLAND

Walter Pochebit  
The Pochebit Company  
171 Warren Avenue  
Portland, Maine 04103

February 27, 1998

RE: Key Bank renovations, Long Wharf/Commercial Street

Dear Mr. Pochebit;

Upon a recent inspection at the above referenced address, on 2/26/98, the following violations and unsafe conditions were revealed and shall be corrected.

1. Remove all exposed ROMEX contained in the first floor renovation project, in all ceiling areas.
2. All existing ROMEX concealed in undisturbed walls may remain, and must be cut above the ceiling level, spliced in a junction box, with MC type cable to refeed circuit.
3. All new and replacement wiring in walls and ceilings, shall be MC type cable or EMT conduit.
4. All wiring shall be secured and properly supported .

All buildings which are renovated in this fashion, shall be brought up to code and shall comply with all applicable electrical codes, and shall meet with the approval of the Chief Electrical Inspector. This office is dedicated to the cleaning up of improperly wired buildings. Electrical installations are not, nor shall they be grandfathered in any manner. Failure to comply may result in the termination of electric service to the **KEY BANK** space. Compliance is mandatory.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael A. Collins".

Michael A. Collins  
Chief Electrical Inspector  
City of Portland

cc: Michael Nugent, Inspections Manager  
Corey Electric Inc, Electrical contractor  
Lt. McDougall, PFD  
A. Rowe, CEO

*Copy to John Buckingham  
J/C*

**L & L STRUCTURAL**  
ENGINEERING SERVICES, INC.  
Six Q Street  
South Portland, ME 04106  
Phone: (207) 767-4830  
Fax: (207) 799-5432

30 + 1 1

June 18, 2004

Mr. Frank St. Pierre  
Gawron-Turgeon Architects, Inc.  
29 Black Point Road  
Scarborough, Maine 04074

Subject: Gorham Savings Bank Renovation - Commercial Street

Dear Mr. Frank St. Pierre,

We have completed our review of the concrete floor system for the above mentioned project. As we understand the second floor space is to be used as office space. Office space loading is 50 psf for fixed partition use. Our analysis indicates that the floors live load capacity ranges from 51.4 psf to approximately 80 psf. These values are above that required by BOC 1999. The lowest loading occurs in the first bay closest to Commercial Street. Should you need an area loading broken out for each set of concrete beams, please let us know.

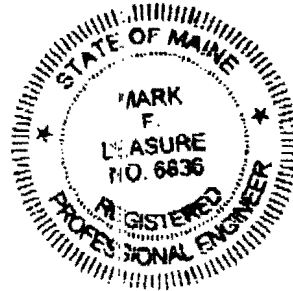
If you have any questions or require additional information, please do not hesitate to call.

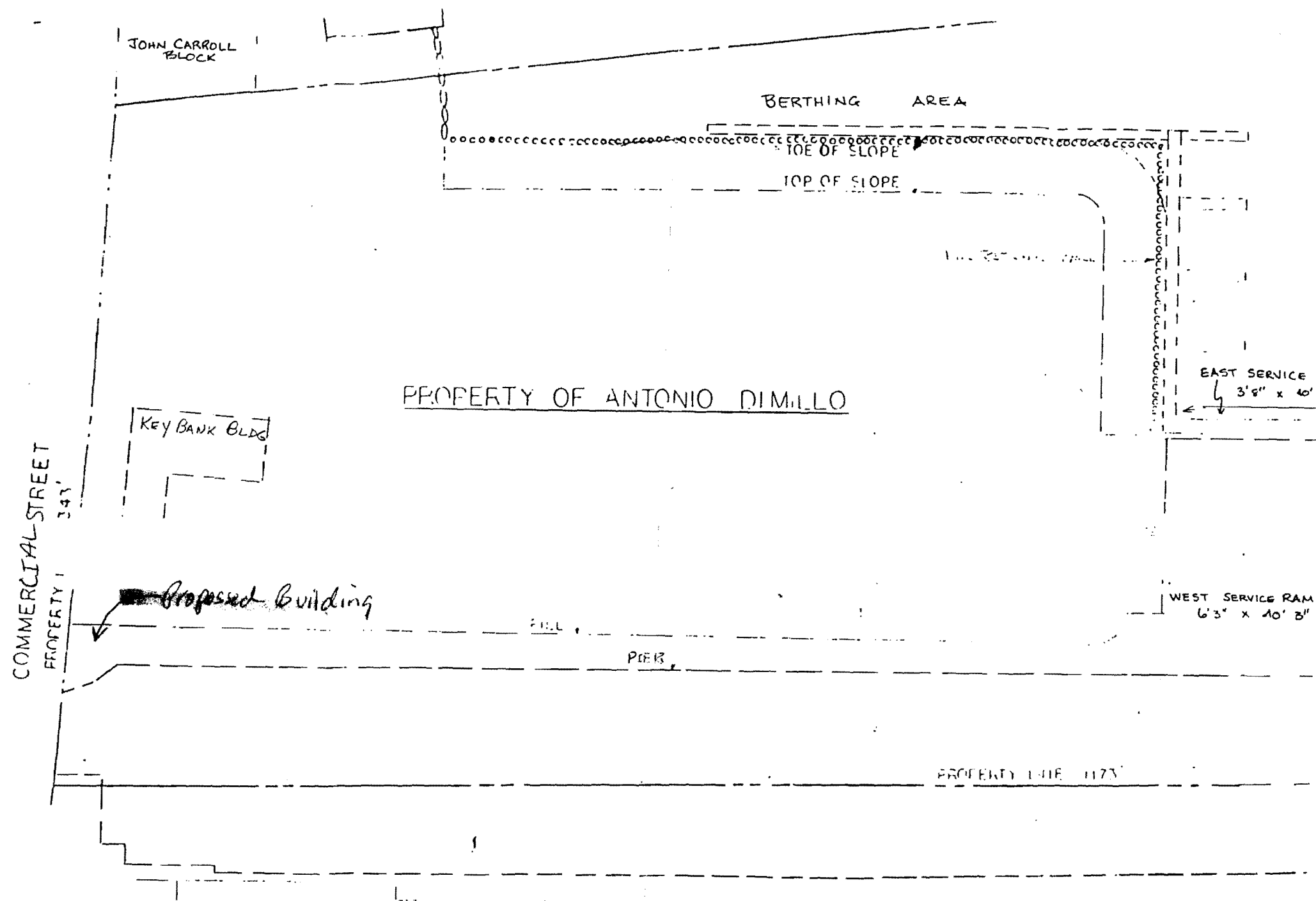
Sincerely,

L&L Structural Engineering Services, Inc.

*Mark F. Leasure*

Mark F. Leasure, P.E.  
Principal





BUILDING EVALUATION SUMMARY (continued)

Automatic fire detection:	Yes _____	No _____	type and location _____	
Fire alarm system:	Yes _____	No _____	type _____	
Smoke control:	Yes _____	No _____	type _____	
Adequate exit routes:	Yes _____	No _____	Dead ends:	Yes _____ No _____
Maximum exit access travel distance	_____		Elevator controls:	Yes _____ No _____
Means of egress emergency lighting:	Yes _____	No _____	Mixed use groups:	Yes _____ No _____

Safety parameters	Fire safety (FS)	Means of egress (ME)	General safety (GS)
3408.6.1 Building height			
3408.6.2 Building area			
3408.6.3 Compartmentation			
3408.6.4 Tenant and dwelling unit separations			
3408.6.5 Corridor walls			
3408.6.6 Vertical openings			
3408.6.7 HVAC systems			
3408.6.8 Automatic fire detection			
3408.6.9 Fire alarm system			
3408.6.10 Smoke control			
3408.6.11 Means of egress			
3408.6.12 Dead ends			
3408.6.13 Max. exit access travel distance			
3408.6.14 Elevator control			
3408.6.15 Means of egress emergency lighting			
3408.6.16 Mixed use groups			
3408.6.17 Sprinklers			
3408.6.18 Specific occupancy area protection			
Building score — total value			

\*\*\*\* No applicable value to be inserted.

BUILDING SAFETY EVALUATION SCORE (Table 3408.9)

Formula	Table 3408.7	Table 3408.8	Score	Pass	Fail
FS-MFS ≥ 0	(FS)	(MFS)	=		
ME-MME ≥ 0	(ME)	(MME)	=		
GS-MGS ≥ 0	(GS)	(MGS)	=		
FS = Fire Safety					
ME = Means of Egress					
GS = General Safety					
MFS = Mandatory Fire Safety					
MME = Mandatory Means of Egress					
MGS = Mandatory General Safety					



STRUCTURAL DESIGN CALCULATIONS (continued)

<input type="checkbox"/>	Unbalanced snow loads considered (1608.6)	<input type="checkbox"/>	Internal pressure effects considered (1609.7, 1609.8)
<input type="checkbox"/>	Drift snow loads considered (1608.7)	<input type="checkbox"/>	Components and cladding effects considered (1609.8)
<input type="checkbox"/>	Sliding snow loads considered (1608.8)	<input type="checkbox"/>	Load combinations considered (1613.1)

MATERIAL PERFORMANCE (Chapter 17)

<input type="checkbox"/>	Material performance technical data or BOCA Evaluation Services or National Evaluation Services report supplied (1703.0) Report No. _____	<input type="checkbox"/>	Masonry construction (1705.5)
<input checked="" type="checkbox"/>	Owner's special inspection program specified (1705.0)	<input type="checkbox"/>	Wood construction (1705.6)
<input type="checkbox"/>	Prefabricated items (1705.2)	<input type="checkbox"/>	Prepared fill and foundations (1705.7, 1705.8, 1705.9)
<input type="checkbox"/>	Steel construction (1705.3)	<input type="checkbox"/>	Fireresistive materials (1705.12)
<input type="checkbox"/>	Concrete construction (1705.4)	<input type="checkbox"/>	EIFS, wall panels and veneers (1705.10, 1705.13)

EXISTING MODIFIED SLAB FOUNDATIONS AND RETAINING WALLS (Chapter 18)

<input type="checkbox"/>	Soil type (1611.0, 1802.1, 1804.1)	<input type="checkbox"/>	Foundations (1814.0 - 1824.0)
<input type="checkbox"/>	Bearing value (1611.0, 1802.1, 1804.1)	<input type="checkbox"/>	Foundation walls (1611.0, 1812.0)
<input type="checkbox"/>	Soil report (1802.1, 1804.1)	<input type="checkbox"/>	Waterproofing/dampproofing (1813.0)
<input type="checkbox"/>	Prepared fill (1804.1.1)	<input type="checkbox"/>	Retaining walls (1611.0, 1825.0)
<input type="checkbox"/>	Footings (1806.0 - 1811.0)		

STRUCTURAL MATERIALS (Chapters 19, 21, 22, 23)

CONCRETE (Chapter 19)

<input type="checkbox"/>	Plain, reinforced and prestressed concrete design/construction standard specified (1901.1, 1903.1.1)	<input type="checkbox"/>	Minimum concrete strength (Table 1907.1.2[1])
<input type="checkbox"/>	Minimum slab requirements (1905.1)	<input type="checkbox"/>	Cold-weather and hot-weather curing specified (1908.9, 1908.10)

MASONRY (Chapter 21)

<input type="checkbox"/>	Engineered masonry design/construction standard specified (2101.1.1)	<input type="checkbox"/>	Cold-weather and hot-weather construction specified (2111.3, 2111.4)
<input type="checkbox"/>	Empirical masonry design (2101.1.2)	<input type="checkbox"/>	Fireplaces and chimneys (2103.2, 2113.0 - 2117.0)
<input type="checkbox"/>	Construction materials (2104.0)	<input type="checkbox"/>	Glass block (2118.0)
<input type="checkbox"/>	Mortar type (2104.7)		

**MEANS OF EGRESS (continued)**

_____	General limitations (1005.0)	_____	Ramps (1016.0)
_____	Air movement in egress elements (1005.7)	_____	Means of egress doorways (1017.0)
_____	Types and location of egress (1006.0)	_____	Number of doorways (1017.2)
_____	Exit access travel distance (1006.5 and Table 1006.5)	_____	Size of doors (1017.3)
_____	Accessible means of egress (1007.0)	_____	Door hardware (1017.4)
_____	Emergency escape (1010.4)	_____	Revolving doors (1018.0)
_____	Exit access passageways and corridors (1011.0)	_____	Horizontal exits (1019.0)
_____	Aisles and accessways (1012.0)	_____	Level of exit discharge passageway (1020.0)
_____	Grandstands (1013.0)	_____	Guards (1021.0)
_____	Interior stairways (1014.1 - 1014.11)	_____	Handrails (1022.0)
_____	Exterior stairways (1014.1 - 1014.10, 1014.12)	_____	Exit signs and lights (1023.0)
_____	Smokeproof enclosures (1015.0)	_____	Means of egress lighting (1024.0)
		_____	Access to roof (1027.0)

**ACCESSIBILITY (Chapter 11)**

_____	Required (1103.0)	_____	Accessible entrances (1106.0)
_____	Accessible route (1104.0)	_____	Special use groups (1107.0)
_____	Parking facilities (1105.0)	_____	Features and facilities (1108.0)

**INTERIOR ENVIRONMENT (Chapter 12)**

_____	Room dimensions (1204.0)	_____	Air-borne noise (STC) (1214.2)
_____	Roof spaces (1210.1, 1211.2)	_____	Structure-borne sound (IIC) (1214.3)
_____	Crawl spaces (1210.2, 1211.1)	_____	Ratproofing (1215.0)

**BUILDING ENVELOPE (Chapters 14, 15)**

**EXTERIOR WALL COVERINGS (Chapter 14)**

_____	Performance requirements (1403.0)	_____	Combustible material restrictions (1406.0)
_____	Wall sidings and veneers (1404.0, 1405.0)		

## OCCUPANT NEEDS (Chapters 10, 11, 12)

## MEANS OF EGRESS (Chapter 10)

[illegible]

INTERIOR FINISHES (Chapter 8)

<input type="checkbox"/>	Smoke development (803.3.2)	<input type="checkbox"/>	Floor finish (805.0, 806.0)
<input type="checkbox"/>	Flame spread (803.4)		

FIRE PROTECTION SYSTEMS (Chapter 9)

FIRE SUPPRESSION SYSTEMS (Where required)

<input type="checkbox"/>	Assembly (A-1, A-3, A-4) (904.2)
<input type="checkbox"/>	Assembly (A-2) (904.3)
<input type="checkbox"/>	Educational (E) (904.4)
<input type="checkbox"/>	High-hazard (H) (904.5)
<input type="checkbox"/>	Institutional (I) (904.6)
<input type="checkbox"/>	Mercantile (M), Moderate-hazard storage (S-1), Factory and Industrial (F-1) (904.7)
<input type="checkbox"/>	Residential (R-1) (904.8)
<input type="checkbox"/>	Residential (R-2) (904.9)
<input type="checkbox"/>	Windowless story (904.10)
<input type="checkbox"/>	Specific occupancy areas (302.1.1, 904.11)
<input checked="" type="checkbox"/>	Covered mall buildings (402.10)
<input checked="" type="checkbox"/>	High-rise buildings (403.2)
<input checked="" type="checkbox"/>	Atriums (404.2)
<input checked="" type="checkbox"/>	Underground structures (405.3)
<input type="checkbox"/>	Public garages (408.3.1)
<input type="checkbox"/>	Sound stages (411.7)
<input type="checkbox"/>	Stages and enclosed platforms (412.6)
<input type="checkbox"/>	Special amusement buildings (413.4)
<input type="checkbox"/>	HPM facilities (416.4)
<input type="checkbox"/>	Paint spray booths and storage rooms (419.3)
<input type="checkbox"/>	Unlimited area buildings (507.1)
<input type="checkbox"/>	Exit lobbies (1020.3)
<input type="checkbox"/>	Drying rooms (2806.4)
<input type="checkbox"/>	Waste- and linen-chutes/termination rooms (2807.6)
<input type="checkbox"/>	Refuse vaults (2808.4)

FIRE SPRINKLER SYSTEMS

<input type="checkbox"/>	NFPA 13 system (906.2.1)
<input checked="" type="checkbox"/>	NFPA 13R system (906.2.2)
<input checked="" type="checkbox"/>	NFPA 13D system (906.2.3)
<input checked="" type="checkbox"/>	Design (906.3)
<input type="checkbox"/>	Actuation (906.4)
<input type="checkbox"/>	Sprinkler alarms (906.5)
<input type="checkbox"/>	Sprinkler riser (906.7)

LIMITED AREA SPRINKLER SYSTEMS

<input type="checkbox"/>	Where permitted (907.2)
<input type="checkbox"/>	Design (907.3)
<input type="checkbox"/>	Actuation (907.4)
<input type="checkbox"/>	Standpipe connection (907.6)
<input type="checkbox"/>	Domestic supply (907.6.1)
<input type="checkbox"/>	Cross connection (907.6.2)
<input checked="" type="checkbox"/>	Shutoff valve (907.6.3)

OTHER SUPPRESSION SYSTEMS

<input checked="" type="checkbox"/>	Water-spray fixed systems (908.0)
<input checked="" type="checkbox"/>	Carbon dioxide extinguishing systems (909.0)
<input type="checkbox"/>	Dry-chemical extinguishing systems (910.0)
<input type="checkbox"/>	Foam-extinguishing systems (911.0)
<input type="checkbox"/>	Halogenated extinguishing systems (912.0)
<input type="checkbox"/>	Clean agent fire extinguishing systems (913.0)
<input type="checkbox"/>	Wet-chemical range hood extinguishing systems (914.0)

CASE 2 — MIXED USE SEPARATED USE GROUPS

Using Table 503, identify the allowable height and area of each of the separated use groups within the building. Construction types that provide, for each story of the building, tabular areas which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504.0) equal to or greater than the actual height of the use group are permitted.

Story	Use Group	Actual floor area	Adjusted floor area*	Actual height	Allowable height (Table 503)
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft stories	ft stories

\*Adjusted floor area = actual floor area/conversion factor

$$\sum \frac{\text{Adjusted floor area*}}{\text{Allowable area (Table 503)}} = \text{ } + \text{ } + \text{ } + \text{ } = \text{ } \leq 1.00$$

Permitted types of construction Type of construction assumed for review (602.3)

UNLIMITED AREA ONE-STORY BUILDINGS

	Use group classification (507.1)		School buildings (507.1.1)
	Building height (story, feet) (507.1)		High-hazard use groups (507.1.2)
	Type of construction (507.1)		Exterior walls (507.2)
	Automatic sprinkler system (507.1, 904.11)		
	Area limitation (505.2)	MEZZANINES	Openness (505.4)
	Egress (505.3)		

SPECIAL USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS

	Tenant separations (402.4)
	Egress (402.5)
	Mall width (402.6)
	Structural elements (402.7)
	Roof coverings (402.8)
	A-1, A-2 occupancy (402.9)
	Automatic sprinkler system (402.10)
	Standpipes (402.11)
	Fire department access (402.12)
	Kiosk requirements (402.14)

Parking structures (402.15)

HIGH-RISE BUILDINGS

	Automatic sprinkler system (403.2)
	Alternative sprinkler modifications (403.3)
	Automatic fire detection (403.4)
	Voice/alarm signaling systems (403.5)
	Fire department communication (403.6)
	Fire command station (403.7)
	Elevators (403.8)
	Standby systems (403.9)
	Stairway doors (403.10)

(This section to be completed by Municipal Official)

**LOCATION**

Flooding source (name of river, pond, ocean, etc): Ocean

☐ V1-30 Zone ☐ VE Zone ☐ AE Zone ☒ A1-30 Zone ☐ AO Zone ☐ A Zone [Needed to administer Article VI] A2

☐ FRINGE ☐ FLOODWAY (1/2 width of floodplain in A Zone) [Needed to administer Article VI]

Base Flood Elevation (bfe) at the site Article III H.1. and Article V.B. also see NFIP Reg Part 60.3(b)(4) NGVD. [Required for New Construction or Substantial Improvements] elevation 10' shown

Lowest floor elevation of existing structure Article III H.3. shall be no less than 12' NGVD. [Required for New Construction or Substantial Improvements]

If proposed development is in an "AE" or "A1-A30" Zone and cross section data is available in the Flood Insurance Study please note the Nearest Cross Section References and Elevation of Base Flood at Nearest Cross Section. [Recommended but not required by FPMO]

Cross Section Letter	Base Flood Elevation
Above Site _____	Above Site <u>10</u>
Below Site _____	Below Site <u>10</u>

Basis of unnumbered A Zone bfe determination: [Article V.B. also see NFIP Reg Part 60.3(b)(4)]

☒ From a Federal Agency: ☐ USGS ☐ USDA/NRCS ☐ USACE ☐ Other \_\_\_\_\_

☐ From a State Agency: ☐ MDOT ☐ Other \_\_\_\_\_

☐ Established by Professional Land Surveyor

☐ Established by Professional Engineer ☐ HEC-II ☐ HY 7 ☐ Quick-2 ☐ Other \_\_\_\_\_

☐ Highest Known Water level

☐ Other (Explain) \_\_\_\_\_

**VALUE**

If the development involves work on an existing structure, enter the Market Value of existing structure: N/A [Needed to administer Substantial Improvement requirements of Article VI]

☐ New Construction or Substantial Improvement: ☒ Minor improvement or minor addition to existing development.

**TYPE OF DEVELOPMENT** [Article III.D. Also see Article XIII Definition of Development]

Check the appropriate box to the left for the type(s) of development requested, and complete information for each applicable line:

<input type="checkbox"/> 1. Residential Structure	Dimensions		Cubic Yards
<input type="checkbox"/> 1a. New Structure	_____		_____
<input type="checkbox"/> 1b. Add to Structure	_____		_____
<input type="checkbox"/> 1c. Renovations/repairs/maintenance	_____		_____
<input checked="" type="checkbox"/> 2. Non-Residential Structure			
<input checked="" type="checkbox"/> 2a. New structure	<u>18' x 51' main office</u>		
<input type="checkbox"/> 2b. Add to Structure	_____		
<input type="checkbox"/> 2c. Renovations/repairs/maintenance	_____		
<input type="checkbox"/> 2d. Floodproofing	_____		
<input type="checkbox"/> 3. Water Dependent use:			Number of Acres
<input type="checkbox"/> 3a. Dock	_____		_____
<input type="checkbox"/> 3b. Pier	_____		_____
<input type="checkbox"/> 3c. Boat Ramp	_____		_____
<input type="checkbox"/> 3d. Other	_____		_____
<input type="checkbox"/> 4. Paving	_____		_____
<input type="checkbox"/> 5. Filling <sup>1</sup>			_____
<input type="checkbox"/> 6. Dredging			_____
<input type="checkbox"/> 7. Excavation			_____
<input type="checkbox"/> 8. Levee			_____
<input type="checkbox"/> 9. Drilling			_____
<input type="checkbox"/> 10. Mining:			_____
<input type="checkbox"/> 11. Dam: Water surface to be created			_____
<input type="checkbox"/> 12. Water Course Alteration <u>[Article III.L. also, NFIP Reg 60.3(b)(6)]</u>			_____
Detailed description must be attached with copies of all applicable state and federal permits.			
<input type="checkbox"/> 13. Storage of equipment or materials			_____
<input type="checkbox"/> 14. Sewage Disposal System			_____
<input type="checkbox"/> 15. Water Supply System			_____
<input type="checkbox"/> 16. Other: Explain _____			_____

<sup>1</sup> Certain prohibitions apply in Velocity Zones

Attach a Site Plan - drawn to scale with north arrow. [Article III.C.]

- Show property boundaries, floodway and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.

Attach Statement - describing in detail how each applicable development standard in Article VI will be met. [Article III.M.]

For New Construction or Substantial Improvements also show:

- Include existing and proposed grade elevations adjacent to the walls of the structure done by a Professional Land Surveyor, Architect or Engineer.
- Show location and elevation of temporary elevation reference mark on the site.

**Special Note:** Substantial Improvement is defined as any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIII, for more complete definitions of New Construction and Substantial Improvement.

Structures in Velocity Zones are not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. [Article VI.L.]

The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view and;
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and the attachments to this application are a true description of the existing property and the proposed development project.

Owner: Recommended but not required by FPMO Date: Recommended but not required by FPMO  
signature

or

Authorized Agent: Recommended but not required by FPMO Date: Recommended but not required by FPMO  
signature

[Article IV & V]

(This Section to be completed by Municipal Official)

Date: Submitted \_\_\_\_\_; Fee Paid \_\_\_\_\_; Reviewed by CEO \_\_\_\_\_; Reviewed by Planning Board \_\_\_\_\_

Permit # \_\_\_\_\_ Issued by \_\_\_\_\_ Date \_\_\_\_\_

**Item B4. Map and Panel Number.** Enter the 10-digit number shown on the FIRM panel where the building or manufactured (mobile) home is located. The first six digits will not match the NFIP community number: 1) when the sixth digit is a "C" in which case the FIRM panel is in a countywide format; or 2) when one community has annexed land from another community but the FIRM panel has not been updated to reflect this annexation. If the sixth digit is a "C," it is followed by a four-digit map number. For maps not in countywide format, enter the "community panel number" shown on the FIRM.

**Item B5. Suffix.** Enter the suffix letter shown on the FIRM panel that includes the building's location.

**Item B6. FIRM Index Date.** Enter the effective date or map revised date shown on the FIRM Index.

**Item B7. FIRM Panel Effective/Revised Date.** Enter the map effective date or the map revised date shown on the FIRM panel. This will be the latest of all dates shown on the map. The current FIRM panel effective date can be determined by calling 1-800-427-4661.

**Item B8. Flood Zone(s).** Enter the flood zone, or flood zones, in which the building is located. All flood zones containing the letter "A" or "V" are considered Special Flood Hazard Areas. The flood zones are A, AE, A1-A30, V, VE, V1-V30, AH, AO, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO. Each flood zone is defined in the legend of the FIRM panel on which it appears.

**Item B9. Base Flood Elevation(s).** Using the appropriate Flood Insurance Study (FIS) Profile, Flood Elevation Table, or FIRM panel, locate the property and enter the BFE (or base flood depth) of the building site. If the building is located in more than one flood zone in Item B8, list all appropriate BFEs in Item B9. BFEs are shown on a FIRM or FIS Profile for Zones A1-A30, AE, AH, V1-V30, VE, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO; flood depth numbers are shown for Zone AO. Use the AR BFE if the building is located in any of Zones AR/A, AR/AE, AR/A1-A30, AR/AH, or AR/AO. In A or V zones where BFEs are not provided on the FIRM, the community may have established BFEs or obtained BFE data from other sources. For subdivisions and other developments of more than 50 lots or 5 acres, establishment of BFEs is required by the community's floodplain management ordinance. If the BFE is obtained from another source, enter the BFE in Item B9.

**Item B10.** Indicate the source of the BFE that you entered in Item B9.

**Item B11.** Indicate the elevation datum to which the elevations on the applicable FIRM are referenced.

**Item B12.** Indicate whether the building is located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA). Federal flood insurance is prohibited in designated CBRS areas for buildings or manufactured (mobile) homes built or substantially improved after the date of the CBRS designation. An information sheet explaining CBRS areas may be obtained on FEMA's website at <http://www.fema.gov> or by calling 1-800-427-4661.

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#### SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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Complete Section C if the building is located in any of Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, or AR/AO, or if this certificate is being used to support a LOMA or LOMR-F. If the building is located in Zone AO or Zone A (without BFE), complete Section E instead.

**Item C1.** Indicate whether the elevations to be entered in this section are based on construction drawings, a building under construction, or finished construction. For either of the first two choices, a post-construction Elevation Certificate will be required when construction is complete.

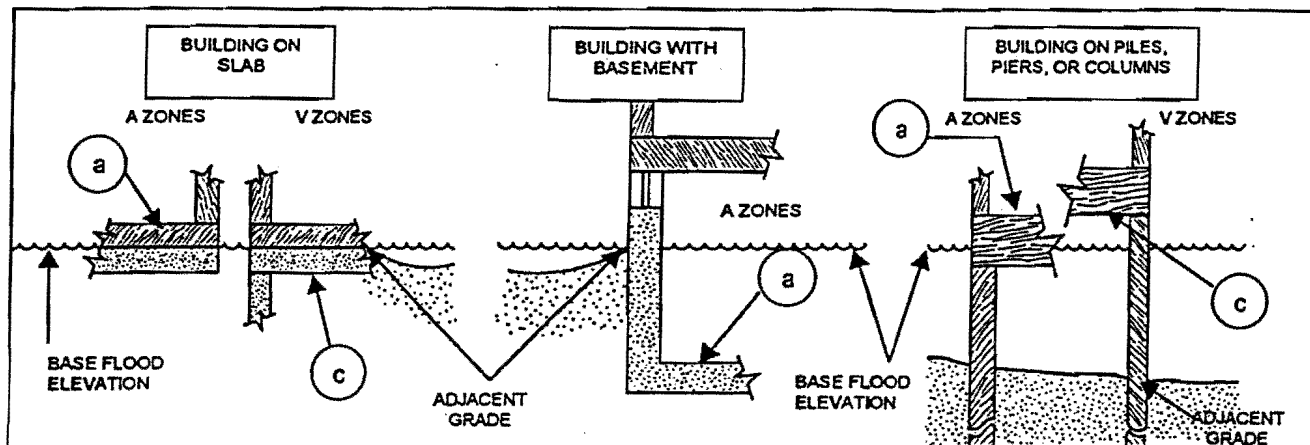
**Item C2.** Select the diagram on pages 6 and 7 that best represents the building. Then enter the diagram number and use the diagram to identify and determine the appropriate elevations requested in Items C3a-g. If you are unsure of the correct diagram, select the diagram that most closely resembles the building being certified, or provide a sketch or photograph of the building and enter all elevations in Items C3a-g.

**Item C3.** Indicate whether the elevation reference mark (benchmark) used during the field survey is an elevation mark on the FIRM. If it is not, indicate the source and datum for the elevation. Vertical control benchmarks other than those shown on the FIRM are acceptable for elevation determinations. Show the conversion from the field survey datum used to the datum used for the BFE(s) entered in Item B9. All elevations for the certificate must be referenced to the datum on which the BFE is



based. Show the datum conversion, if applicable, in this section or in the Comments area of Section D. For property experiencing ground subsidence, the most recently adjusted reference mark elevations must be used for determining building elevations. Enter elevations in Items C3a-g to the nearest tenth of a foot (in Puerto Rico, nearest tenth of a meter).

Items C3a-d. Enter the building elevations indicated by the selected building diagram (Item C2) in Items C3a-e. Elevation for top of attached garage slab (d) is self-explanatory and is not illustrated in the diagrams. If the building is located in a V zone on the FIRM, complete Item C3c. If the flood zone cannot be determined, enter elevations for all of Items C3a-g. For buildings in A zones, elevations a, b, d, and e should be measured at the top of the floor. For buildings in V zones, elevation c must be measured at the bottom of the lowest horizontal structural member of the floor (see drawing below). *If any item does not apply to the building, enter "N/A" for not applicable.*



Item C3e. Enter the lowest elevation of machinery or equipment in an attached garage, enclosure, or open utility platform that provides utility services for the building. If the machinery or equipment is mounted to a wall, pile, etc., enter the platform elevation of the machinery and/or equipment. *If this item does not apply to the building, enter "N/A" for not applicable.*

Items C3f-g. Adjacent grade is defined as the elevation of the ground, sidewalk, patio, or deck support immediately next to the building. Use the natural grade elevation, if available. This measurement must be to the nearest tenth of a foot if this certificate is being used to support a request for a LOMA or LOMR-F.

Items C3h-i. Enter the number of permanent openings (flood vents) in the walls supporting the building that are no higher than 1.0 foot above the adjacent grade. Determine the total area of all such openings in square inches (square cm, in Puerto Rico), and enter the total in Item C3i. If the building has no permanent openings (flood vents) within 1.0 foot above adjacent grade, enter "0" (zero) for each of Items C3h and C3i.

#### SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

Complete as indicated. This section of the Elevation Certificate may be signed by only a land surveyor, engineer, or architect who is authorized by law to certify elevation information. Place embossed seal and signature in the box next to elevations in Section C. A flat stamp is acceptable only in states that do not authorize use of an embossed seal over the signature of a professional. You are certifying that the information in Sections A, B, and C on this certificate represents your best efforts to interpret the data available and that you understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Use the Comments area of Section D, on the back of the certificate, to provide datum, elevation, or other relevant information not specified on the front.

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**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO  
& ZONE A (WITHOUT BFE)**

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Complete Section E if the building is located in Zone AO or Zone A (without BFE). Otherwise, complete Section C instead.

**Item E1.** Select the diagram on pages 6 and 7 that best represents the building; then enter the diagram number. If you are unsure of the correct diagram, select the diagram that most closely resembles the building, or provide a sketch or photograph.

**Item E2.** Enter the height in feet and inches (meters and centimeters, in Puerto Rico) of the top of the bottom floor (as indicated in the applicable diagram) above or below the highest adjacent grade (HAG). For post-FIRM buildings in Zone AO, the community's floodplain management ordinance requires that this value equal or exceed the base flood depth on the FIRM. Buildings in Zone A (without BFE) may qualify for a lower insurance rate if an engineered BFE is developed at the site.

**Item E3.** For those communities where this base flood depth is not available, the community will need to determine whether the top of the bottom floor is elevated in accordance with the community's floodplain management ordinance.

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**SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

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Complete as indicated. This section is provided for certification of measurements taken by a property owner or property owner's representative when responding to Sections A, B, and E. The address entered in this section must be the actual mailing address of the property owner or property owner's representative who provided the information on the certificate.

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**SECTION G - COMMUNITY INFORMATION (OPTIONAL)**

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Complete as indicated. The community official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. If the authorized community official completes Sections C, E, or G, complete the appropriate item(s) and sign this section.

Check **Item G1** if Section C is completed with elevation data from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. Indicate the source of the elevation data and the date obtained in the Comments area of Section G. If you are both a community official and a licensed land surveyor, engineer, or architect authorized by law to certify elevation information, and you performed the actual survey for a building in Zones A1-A30, AE, AH, A (with BFE), V1-V30, V, AR, AR/A, AR/A1-A30, AR/AE, AR/AH, or AR/AO, you must also complete Section D.

Check **Item G2** if information is entered in Section E by the community for a building in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

Check **Item G3** if the information in Items G4-G9 has been completed for community floodplain management purposes to document the as-built lowest floor elevation of the building. Section C of the Elevation Certificate records the elevation of various building components but does not determine the lowest floor of the building or whether the building, as constructed, complies with the community's floodplain management ordinance. This must be done by the community. Items G4-G9 provide a way to document these determinations.

**Item G4. Permit Number.** Enter the permit number or other identifier to key the Elevation Certificate to the permit issued for the building.

**Item G5. Date Permit Issued.** Enter the date the permit was issued for the building.

**Item G6. Date Certificate of Compliance Issued.** Enter the date that the Certificate of Compliance or Occupancy or similar written official documentation of as-built lowest floor elevation was issued by the community as evidence that all work authorized by the floodplain development permit has been completed in accordance with the community's floodplain management laws or ordinances.

**Item G7. New Construction or Substantial Improvement.** Check the applicable box. "Substantial Improvement" means any reconstruction, rehabilitation, addition, or other improvement of a building, the cost of which equals or exceeds 50 percent of the market value of the building before the start of construction of the improvement. The term includes buildings that have incurred substantial damage, regardless of the actual repair work performed.

**Item G8. As-built lowest floor elevation.** Enter the elevation of the lowest floor (including basement) when the construction of the building is completed and a final inspection has been made to confirm that the building is built in accordance with the permit, the approved plans, and the community's floodplain management laws or ordinances. Indicate the elevation datum used.

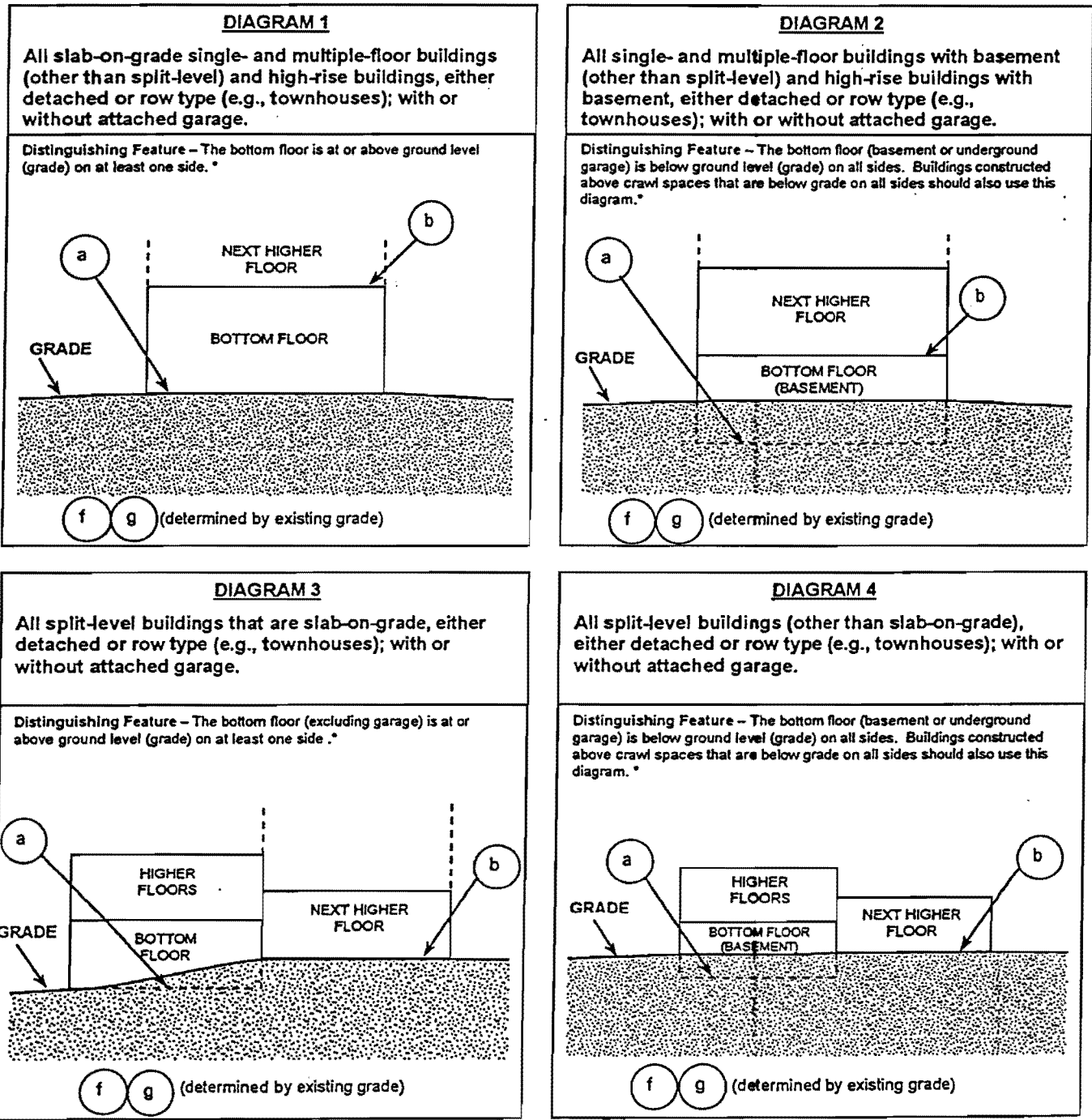
**Item G9. BFE.** Using the appropriate FIRM panel, FIS, or other data source, locate the property and enter the BFE (or base flood depth) of the building site. Indicate the elevation datum used.

Enter your name, title, and telephone number, and the name of the community. Sign and enter the date in the appropriate blanks.

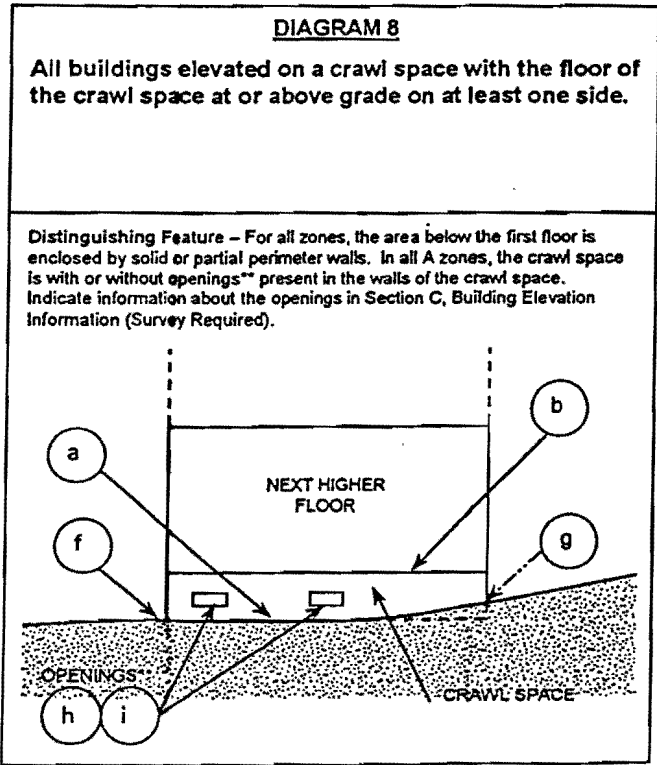
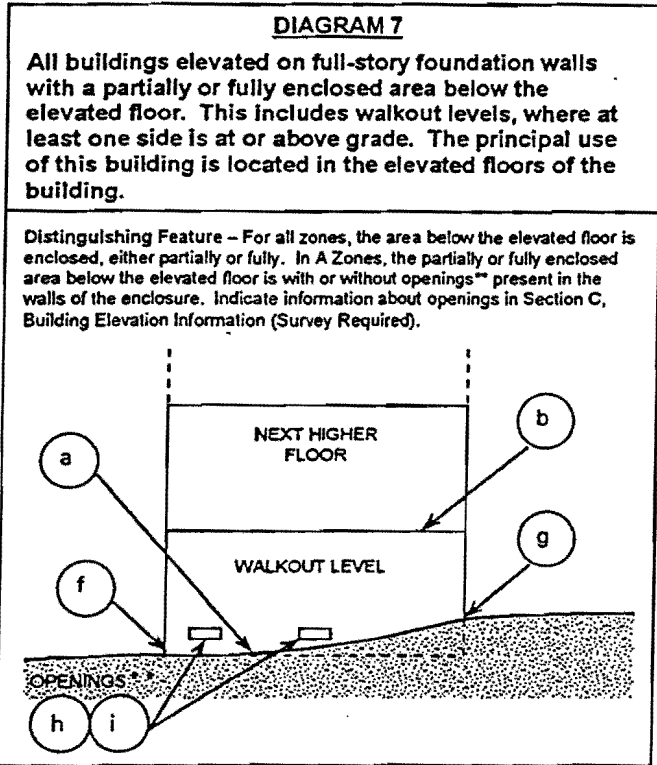
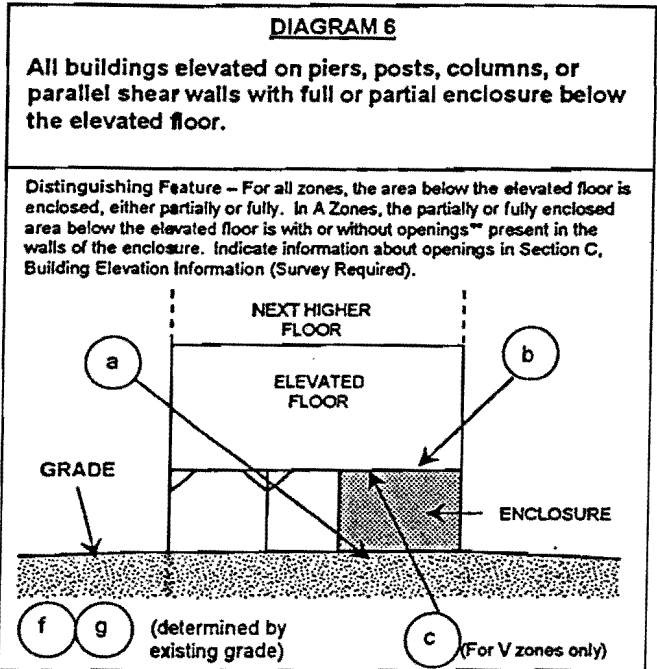
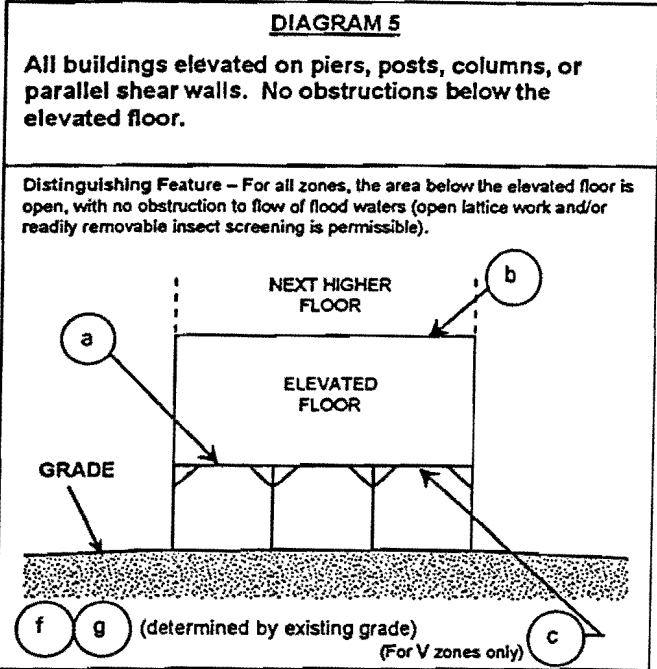
BUILDING DIAGRAMS

The following eight diagrams illustrate various types of buildings. Compare the features of the building being certified with the features shown in the diagrams and select the diagram most applicable. Enter the diagram number in Item C2 and the elevations in Items C3a-C3g.

In A zones, the floor elevation is taken at the top finished surface of the floor indicated; in V zones, the floor elevation is taken at the bottom of the lowest horizontal structural member (see drawing in instructions for Section C).



\* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.



\*\* An "opening" (flood vent) is defined as a permanent opening in a wall that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawl spaces with a total net area of not less than one square inch for every square foot of area enclosed. Each opening must be on different sides of the enclosed area. If a building has more than one enclosed area, each area must have openings on exterior walls to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the grade underneath the flood vents. Alternatively, you may submit a certification by a registered professional engineer or architect that the design will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening.