Appendix B
Flood Hazard Development Application & Permits
Coastal E Model
Flood Hazard Development Permit Application
&
Permit Forms

For Communities with Coastal Velocity Zones
[60.3(e)]

CONTENTS

1. Cover Letter
2. Decision Tree
3. Flood Hazard Development Permit Application
4. Flood Hazard Development Permit Part I
5. Flood Hazard Development Permit Part II
6. Flood Hazard Development Permit For Minor Development
7. Flood Hazard Development Permit For Conditional Use
8. Flood Hazard Development Permit For Floodproofing Non-Residential Structures
9. V-Zone Certificate
10. Hydraulic Openings Certificate
11. Certificate of Compliance
12. FEMA Elevation Certificate
13. FEMA Floodproofing Certificate

This document was prepared by the
Maine Floodplain Management Program
Dept. of Agriculture, Conservation & Forestry
93 State House Station
17 Elkins Lane
Augusta, Maine 04333-0093
Phone (207) 287-2801
Dear Local Floodplain Management Permitting Authority:

Enclosed is a model floodplain management permit application and model floodplain management permit forms which have been developed by the Floodplain Management Program for use in the administration of local floodplain management programs.

It is not mandatory that the community use the enclosed forms, but some form of floodplain permitting must be developed by the community. These forms may be adopted by the community as they are or used as a reference in developing a floodplain management permit application and permit form.

If the community wishes to develop an application and permit of its own, it is important to take into account all existing NFIP and state regulations, as well as the requirements of your community’s own floodplain management ordinance. The model application and permits have been developed to meet the minimum NFIP standards and those of the state’s model floodplain management ordinance.

Some wording has been incorporated into the application and permits which is optional. Options include the time frame for review of an application and issuance of a Certificate of Compliance. Again, consult your adopted ordinance for uniformity.

Whether your community chooses to adopt the state’s model or develop your own permitting system, all permits issued must be maintained on file at the municipal office and be easily accessible to the public. It is strongly suggested that the community provide some way to access floodplain permits and documents separately from other municipal permits.

Floodplain Management Program staff are available for technical assistance in modifying and implementing the application and permit, or with implementing a total floodplain management program in your community. Please do not hesitate to contact Janet Parker or Sue Baker at 287-2801 for assistance.

Sincerely,
Maine Floodplain Management Program
Maine Floodplain Management

Decision Tree for Flood Hazard Development Permits

Please check appropriate boxes.

Is the development in the floodplain as shown on the Community’s flood map? □ yes □ no

If yes, go to page 2.

If no, no flood hazard permit required.

(A completed copy of this form should accompany each Flood Hazard Development Permit Application file)
Are other permits required (i.e., federal or state)?

☐ If yes, advise applicant of what additional permits are needed.

☐ Request copy for attachment to Flood Hazard Development Permit Application.
   [Application may be made but permit shall not be issued until other permits are provided.]
   Go to section 2.

☐ If no, proceed with Flood Hazard Development Permit Application.
   Go to section 2.

Section 2

Is the development in a Special Flood Hazard Zone A, A1-30, AE, or AH but not in the floodway\(^1\)?
☐ yes ☐ no
If yes, go to page 3. If no, continue.

Is the development in Zone AO?
☐ yes ☐ no
If yes, go to page 4. If no, continue.

Is the development in the Floodway?
☐ yes ☐ no
If yes, go to page 5. If no, continue.

Is the development in Zone V1-30 or VE?
☐ yes ☐ no
If yes, go to page 6. If no, start over.

---

\(^1\) In Unnumbered A-Zones for riverine areas, the floodway is considered to be \(\frac{1}{2}\) the width of the floodplain as measured from the water’s edge to the upland limit of the floodplain measured perpendicular to the stream or river.
A, A1-30, AE and AH Zones [Not in Floodway]

- □ New Development
  - □ Minor Permit
    - □ Fill
    - □ Grading
    - □ Paving
    - □ Dredging
    - □ Other
  - □ Fill
  - □ Grading
  - □ Paving
  - □ Dredging
  - □ Other
  - □ New Construction
  - □ Value more than 50% Substantial Improvement
    - (Does your ordinance provide for cumulative improvements?)
  - □ Value less than 50% Minor Permit
    - Flood Damage Resistant Materials
    - Adequately Anchored

- □ Residential or Non Residential on crawl
  - Elevate top of lowest floor one foot above bfe
  - Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint
  - Two Part Permit Process
  - Elevation Certificate

- □ Residential or Non Residential slab or basement
  - Elevate top of lowest floor (including basement floor) one foot above bfe
  - Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint
  - Two Part Permit Process
  - Elevation Certificate

- □ Residential or Non Residential on fill
  - Elevate top of lowest floor one foot above bfe
  - Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint
  - Two Part Permit Process
  - Elevation Certificate

- □ Non Residential Floodproofed
  - Floodproofing Certificate must accompany Permit Application signed and sealed by P.E.
  - One Part Permit
AO Zone

□ New Development  □ Existing Development

□ Post-FIRM  □ Pre-FIRM

□ Minor Permit  □ New Construction  □ Value more than 50% Substantial Improvement  □ Value less than 50% Minor Permit

Fill  □ Grading  □ Paving  □ Dredging  □ Other

Flood Damage Resistant Materials Adequately Anchored

□ Residential or Non Residential on crawl

Elevate top of lowest floor one foot above the flood depth specified on FIRM as measured from the highest adjacent grade

Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint

Have adequate drainage paths around structure to guide floodwater away from structure

Two Part Permit Process

Elevation Certificate

□ Residential or Non Residential slab or basement

Elevate top of lowest floor (including basement floor) one foot above flood depth specified on FIRM as measured from the highest adjacent grade

Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint

Have adequate drainage paths around structure to guide floodwater away from structure

Two Part Permit Process

Elevation Certificate

□ Residential or Non Residential on fill

Elevate top of lowest floor one foot above the flood depth specified on FIRM as measured from the highest adjacent grade

Any area below lowest floor not on fill must have hydraulic openings of one square inch for each square foot of footprint

Have adequate drainage paths around structure to guide floodwater away from structure

Two Part Permit Process

Elevation Certificate

□ Non Residential Floodproofed

Floodproofed to one foot above the flood depth specified on FIRM as measured from the highest adjacent grade

Floodproofing Certificate must accompany Permit Application signed and sealed by P.E.

Have adequate drainage paths around structure to guide floodwater away from structure

One Part Permit
V1-30 and VE Zones

[Flowchart diagram]

- New Development
  - Minor Permit
    - Fill
    - Grading
    - Paving
    - Dredging
    - Other
  - New Construction
  - Value more than 50% Substantial Improvement
    - Does your ordinance provide for cumulative improvements?
  - Value less than 50% Minor Permit
    - Flood Damage Resistant Materials
    - Adequately Anchored

- Existing Development
  - Post-FIRM
  - Pre-FIRM

---

2 Not for construction of a walled and roofed structure.
FLOOD HAZARD DEVELOPMENT APPLICATION

__________, Maine

(All applicants must complete entire application) [60.3(e)]

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of ________________, Maine, for development as defined in said ordinance. This permit application does not preclude the need for other municipal permit applications.

Owner: ___________________________ Address: ___________________________

Phone No.: ________________________

Applicant: _________________________ Address: ___________________________

Phone No.: ________________________

Contractor: ________________________ Address: ___________________________

Phone No.: ________________________

LEGAL DESCRIPTION

Is this part of a subdivision? ☐ Yes ☐ No If yes, give the name of the subdivision and lot number:

Subdivision: _______________________ Lot #: __________

Tax Map: _________________________ Lot #: __________

Address: _________________________

Street/Road Name

Zip Code: _________________________

Town/Zip Code

General explanation of proposed development: ____________________________________________

Estimated Value of Proposed Development (all materials and labor): $________

Proposed Lowest Floor elevation [for new or substantially improved structure]: __________

OTHER PERMITS

Are other permits required from State or Federal jurisdictions? ☐ Yes ☐ No

If yes, are these other permits attached? ☐ Yes ☐ No ☐ Not Applicable

Federal and State Permits may include but are not limited to: ME/DEP/Natural Resource Protection Act, Site Location of Development Act, Metallic Mineral Exploration, Advanced Exploration and Mining, USACE/Section 9 & 10 of the Rivers and Harbors Act/Section 404 of the Clean Water Act; Federal Energy Regulation Commission.

SEWER AND WATER

Sewage Disposal: ☐ Public ☐ Private ☐ Not Applicable Type _________________________

☐ Existing ☐ Proposed

Water Supply: ☐ Public ☐ Private
LOCATION

Flooding Source (name of river, pond, ocean, etc.): 

☐ V1-30 Zone  ☐ VE Zone  ☐ AE Zone  ☐ A1-30 Zone  ☐ A Zone  ☐ AO Zone  ☐ AH Zone
☐ FRINGE  ☐ FLOODWAY (1/2 width of floodplain in A Zone)

Base Flood Elevation (bfe) at the site ☐ NGVD or ☐ NAVD [Required for New Construction or Substantial Improvement]

Lowest floor elevation of proposed or existing structure ☐ NGVD or ☐ NAVD [Req. for New Const. or Substantial Improve]

If proposed development is in an AE or A1-30 Zone and cross section data is available in the Flood Insurance Study, please note the nearest cross section reference letter and elevation of base flood at nearest cross section above and below the site.

<table>
<thead>
<tr>
<th>Cross Section Letter</th>
<th>Base Flood Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above Site ________</td>
<td>Above Site ________</td>
</tr>
<tr>
<td>Below Site ________</td>
<td>Below Site ________</td>
</tr>
</tbody>
</table>

Basis of unnumbered A Zone bfe determination:

☐ 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/RAS  ☐ HEC II  ☐ HY 7  ☐ TR20  ☐ TR55  ☐ 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 before improvements:

$ ________  What is the value of the improvements (all materials and labor)?: $ ________

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

TYPE OF DEVELOPMENT

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

☐ 1. Residential Structure
   ☐ 1a. New Structure
   ☐ 1b. Add to Structure
   ☐ 1c. Renovations/repairs/maintenance

☐ 2. Non-Residential Structure
   ☐ 2a. New Structure
   ☐ 2b. Add to Structure
   ☐ 2c. Renovations/repairs/maintenance
   ☐ 2d. Floodproofing

☐ 3. Accessory Structure

☐ 4. Functionally Dependent Use:
   ☐ 4a. Dock
   ☐ 4b. Pier
   ☐ 4c. Boat Ramp
   ☐ 4d. Other

☐ 5. Paving

☐ 6. Conditional Use (Lobster/Fish Shed seaward of mean high tide)

Note: Conditional Use requires add'l. information due to specific standards, public hearing, and Planning Board review.

☐ 7. Filling

☐ 8. Dredging

☐ 9. Excavation

☐ 10. Levee

☐ 11. Drilling

☐ 12. Mining

☐ 13. Dam: Water surface to be created

☐ 14. Water Course Alteration

Note: Detailed description must be attached with copies of all applicable notifications, state and federal permits.

☐ 15. Storage of equipment or materials

☐ 16. Sewage Disposal System

☐ 17. Water Supply System

☐ 18. Other: Explain

Cubic Yards

Number of Acres

☐ 1 Certain prohibitions apply in Velocity Zones
Attach a Site Plan – Drawn to scale with north arrow.

- 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.

For New Construction or Substantial Improvement also show:

- Existing and proposed grade elevations adjacent to the walls of the structure done by a Professional land Surveyor, Architect, or Engineer.
- Location and elevation of temporary elevation reference marks 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 XIV, 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. Certification of structural design, specifications, plans and construction methods completed by a Professional Engineer or Architect shall accompany the application as required in Article VI.L.3. of the floodplain management ordinance.

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 sue 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 in the attachments to this application are a true description of the existing property and the proposed development project.

Owner: ___________________________ Date: ___________________________

(or)

Authorized Agent: ___________________________ Date: ___________________________

Signature

(This section to be completed by Municipal Official)

Date: Submitted ________; Fee Paid ________; Reviewed by CEO ________; Reviewed by Planning Board ________

Permit # ___________ Issued by ___________________________ Date ___________
FLOOD HAZARD DEVELOPMENT PERMIT

PART I

, Maine

(For New Construction or Substantial Improvements)

For New Construction or Substantial Improvement of any structure, this Flood Hazard Development Permit allows construction only up to the establishment of the lowest floor. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance. Once the lowest floor is established, the permittee must provide an Elevation Certificate establishing the as built lowest floor elevation. When the Code Enforcement Officer finds the documentation in the Elevation Certificate to be in compliance with the Floodplain Management Ordinance, the Part II Flood Hazard Development Permit shall be issued. The Part II Permit must be issued in order for construction to continue.

A Part I Flood Hazard Development Permit is hereby issued as provided under Article V.F. of the Floodplain Management Ordinance of , Maine, for development as defined in said ordinance.

Tax Map: Lot #:

Project Description:

The permittee understands and agrees that:

• The permit is issued on the representations made herein and on the application for permit;
• The permit 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;
• The permit 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 permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
• The permit form will be posted in a conspicuous place on the premises in plain view; and,
• The permit will expire if no work is commenced within 180 days of issuance.

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

Owner: ___________________________ Date: ___________________________

Signature

or

Authorized Agent: ___________________________ Date: ___________________________

Signature

Issued by: ___________________________ Date: ___________________________

Permit #: ___________________________
FLOOD HAZARD DEVELOPMENT PERMIT

PART II

________________, Maine
(For completion of New Construction or Substantial Improvements)

The following information has been submitted and found compliant with the Development Standards of the Floodplain Management Ordinance:

☐ FEMA Elevation Certificate Form 81-31

For construction in Zones V1-30 and VE only:

☐ Review of the structural design, specifications, plans, and construction methods by a Professional Engineer or Architect certifying that they meet or exceed the technical criteria contained in the FEMA/Coastal Construction Manual and are in accordance with accepted standard of practice for meeting the criteria of Article VI.L.2.

A Part II Flood Hazard Development Permit is hereby issued as provided under Article V.F. of the Floodplain Management Ordinance of ________________________, Maine, for development as defined in said ordinance.

Tax Map: ______________________ Lot #: ______________________

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the elevation certificate;
- The permit 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;
- The permit 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 permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

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

Owner: _______________________________ Date: _______________________________

or

Authorized Agent: _______________________________ Date: _______________________________

Signature

Issued by: _______________________________ Date: _______________________________

Permit #: _______________________________
FLOOD HAZARD DEVELOPMENT PERMIT
For Minor Development

_____________________, Maine
(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of ___________, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: __________________________ Lot #: __________________________

Project Description: ________________________________________________________________

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit 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;
- The permit 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 permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

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

Owner: ___________________________________________ Date: __________________________

Signature

or

Authorized Agent: ___________________________________________ Date: __________________________

Signature

Issued by: ___________________________________________ Date: __________________________

Permit #: ___________________________________________
FLOOD HAZARD DEVELOPMENT PERMIT
For Conditional Use

____________________, Maine

This Flood Hazard Development Permit allows new construction or substantial improvement of any structure which has been reviewed and approved, or approved with conditions, by the Planning Board as a Conditional Use, only as provided for in the Floodplain Management Ordinance of ________________, Maine, and pursuant to Article VII of the Ordinance. Development authorized by this permit must meet the conditional use requirements specified in Article VI.P.7. of the Ordinance. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: __________________________ Lot #: __________________________

Project Description: ____________________________________________________________

Project Condition(s): ____________________________________________________________

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit 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;
- The permit 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 permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

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

Owner: ___________________________ Signature ________________ Date: ____________________________

or

Authorized Agent: ___________________________ Signature ________________ Date: ____________________________

Issued by: ___________________________ Date: ____________________________

Permit #: ___________________________
FLOOD HAZARD DEVELOPMENT PERMIT
For FLOODPROOFING
Non-Residential Structures
________________________, Maine

This Flood Hazard Development Permit allows Floodproofing of Non-residential Structures in a Special Flood Hazard Area. Floodproofing means any combination of structural and non-structural additions, changes or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and contents. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

If the floodproofing is to serve as a method of bringing a structure into compliance with National Flood Insurance Program (NFIP) elevation requirements:

- All standards required by NFIP 44 CFR 60.3(c)(3) and all standards required by Article VI.G. of the Floodplain Management Ordinance must be met; and

- The application for this permit must include a FEMA Floodproofing Certificate (Form 81-65) signed by a registered professional engineer or architect certifying that the design and methods of construction will be in accordance with accepted standards of practice for meeting the provisions of NFIP 44 CFR 60.3(c)(3) as well as Article VI.G. of the Floodplain Management Ordinance.

A Flood Hazard Development Permit for Floodproofing is hereby issued as provided under Article V.F. of the Floodplain Management Ordinance of ________________, Maine, for development as defined in said ordinance.

Tax Map: __________________________ Lot #: ______________

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit 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;
- The permit 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 permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

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

Owner: ___________________________________________ Date: __________________________

or

Authorized Agent: _________________________________ Date: __________________________

Signature

Issued by: _________________________________________ Date: __________________________

Permit #: _________________________________________
National Flood Insurance Program

V-ZONE CERTIFICATE

Name ___________________________________________ Policy Number (Insurance Co. Use) ____________

Building Address or Other Description __________________________________________________________

City ___________________________ State ___________ Zip Code ___________

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community Number ___________ Panel Number ___________ Suffix _____ Date of FIRM Index _____ FIRM Zone _____

SECTION II: Elevation Information

NOTE: This Certificate does not substitute for an Elevation Certificate

1. Elevation of the Bottom of Lowest Horizontal Structural Member ………………… feet □ NGVD or □ NAVD
2. Base Flood Elevation (BFE) …………………………………… feet □ NGVD or □ NAVD
3. Elevation of Lowest Adjacent Grade ……………………………………. feet □ NGVD or □ NAVD
4. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design ……….. feet □ NGVD or □ NAVD
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade ……………….. feet □ NGVD or □ NAVD

SECTION III: V-Zone Certification Statement

NOTE: This section must be certified by a registered engineer or architect

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:

• The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to or above the BFE; and

• The pile and column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Certification Statement

NOTE: This section must be certified by a registered engineer or architect

when breakaway walls exceed a design safe loading resistance of 20 pounds per square foot

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

• Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and

• The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values to be used are defined in Section III).

SECTION V: Certification

Signature below certifies: _______ Section III; _______ Section IV

Certifier’s Name ___________________________________________
Title ___________________________ License Number ___________
Street Address __________________________________________________
City ___________________________ State ___________ Zip Code ___________

Signature ___________________________ Date ___________ Telephone Number _________
National Flood Insurance Program
Hydraulic Openings Certificate

________________________________________
Project Name

I, ____________________________________________, do hereby certify that the opening(s) designed for installation
in the aforementioned building have been engineered to allow for the automatic equalizing of hydrostatic flood
forces on exterior walls by allowing for the automatic entry and exit of floodwater during floods up to and
including the base (100-year) flood.

[Guidance on engineered openings is available in FEMA’s Technical Bulletin-1, Openings in Foundation
Walls. (August 2008)]

__________________________________________  ___________________________________________
Certifier’s Name  Title

__________________________________________  ___________________________________________
Type of License  License Number

__________________________________________
Company Name

__________________________________________
Street Address

__________________________________________  ___________________________________________
City, State, Zip  Telephone Number

__________________________________________
Signature  Date

PROFESSIONAL SEAL
CERTIFICATE OF COMPLIANCE  

________________________, Maine

Owner: ______________________________________________________

Address: ____________________________________________________

________________________________________________________________

Tax Map: _______________ Lot #: _________________________________

Location of Property: ____________________________________________

________________________________________________________________

The development described above has been constructed in compliance with the Floodplain Management Ordinance for ______________________, Maine.

A variance □ was □ was not required for this development.

This determination is based on: □ Elevation Certificate data □ Floodproofing Certificate data provided by: [check appropriate box] [Required for New Construction or Substantial Improvement]

☐ Professional land Surveyor  ☐ Architect

Name: ___________________________  Name: ___________________________

Address: ___________________________  Address: ___________________________

License #: ___________________________  License #: ___________________________

☐ Professional Engineer

Name: ___________________________

Address: ___________________________

License #: ___________________________

☐ On Site Inspection by Code Enforcement Officer: ___________________________

Code Enforcement Officer (please print) ___________________________

Signature: ______________________________________________________ Date: ___________________________

Flood Hazard Development Permit #: ___________________________