FLOODPLAIN MANAGEMENT ORDINANCE

FOR THE

TOWN OF ENFIELD, MAINE

ENACTED: 1-22-2007
Date

CERTIFIED BY: _____
Name

_____
Title

Affix Seal

60.3(c&d)
Printed 12/19/06

FLOODPLAIN MANAGEMENT ORDINANCE

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D. A statement of the intended use of the structure and/or development;

E. A statement of the cost of the development including all materials and labor;

F. A statement as to the type of sewage system proposed;

G. Specification of dimensions of the proposed structure and/or development;

[Items H-K.2 apply only to new construction and substantial improvements.]

H. The elevation in relation to the National Geodetic Vertical Datum (NGVD), or to a locally established datum in Zone A only, of the:

1. base flood at the proposed site of all new or substantially improved structures, which is determined:

a. in Zones AE, from data contained in the "Flood Insurance Study - Town of Enfield, Maine," as described in Article I; or,

b. in Zone A:

(1) from any base flood elevation data from federal, state, or other technical sources (such as FEMA's Quick-2 model, FEMA 265/July 1995), including information obtained pursuant to Article VI.K. and VIII.D.;

(2) from the contour elevation extrapolated from a best fit analysis of the floodplain boundary when overlaid onto a USGS Quadrangle Map or other topographic map prepared by a Professional Land Surveyor or registered professional engineer, if the floodplain boundary has a significant correlation to the elevation contour line(s); or, in the absence of all other data,

(3) to be the elevation of the ground at the intersection of the floodplain boundary and a line perpendicular to the shoreline which passes along the ground through the site of the proposed building.

2. highest and lowest grades at the site adjacent to the walls of the proposed building;

3. lowest floor, including basement; and whether or not such structures contain a basement; and,

4. level, in the case of non-residential structures only, to which the structure will be floodproofed;

I. A description of an elevation reference point established on the site of all developments for which elevation standards apply as required in Article VI;

J. A written certification by a Professional Land Surveyor, registered professional engineer or architect, that the base flood elevation and grade elevations shown on the application are accurate;

K. The following certifications as required in Article VI by a registered professional engineer or architect:

pursuant to Article III.H.1.b.; Article VI.K.; and Article VIII.D., in order to administer Article VI of this Ordinance; and,

3. when the community establishes a base flood elevation in a Zone A by methods outlined in Article III.H.1.b., the community shall submit that data to the Maine Floodplain Management Program in the State Planning Office.

C. Make interpretations of the location of boundaries of special flood hazard areas shown on the maps described in Article I of this Ordinance;

D. In the review of Flood Hazard Development Permit applications, determine that all necessary permits have been obtained from those federal, state, and local government agencies from which prior approval is required by federal or state law, including but not limited to Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. 1344;

E. Notify adjacent municipalities, the Department of Environmental Protection, and the Maine Floodplain Management Program in the State Planning Office prior to any alteration or relocation of a water course and submit copies of such notifications to the Federal Emergency Management Agency;

F. If the application satisfies the requirements of this Ordinance, approve the issuance of one of the following Flood Hazard Development Permits based on the type of development:

1. A two part Flood Hazard Development Permit for elevated structures. Part I shall authorize the applicant to build a structure to and including the first horizontal floor only above the base flood level. At that time the applicant shall provide the Code Enforcement Officer with an Elevation Certificate completed by a Professional Land Surveyor, registered professional engineer or architect based on the Part I permit construction, "as built", for verifying compliance with the elevation requirements of Article VI, paragraphs F, G, or H. Following review of the Elevation Certificate data, which shall take place within 72 hours of receipt of the application, the Code Enforcement Officer shall issue Part II of the Flood Hazard Development Permit. Part II shall authorize the applicant to complete the construction project; or,

2. A Flood Hazard Development Permit for Floodproofing of Non-Residential Structures that are new construction or substantially improved non-residential structures that are not being elevated but that meet the floodproofing standards of Article VI.G.1.a.,b., and c. The application for this permit shall include a Floodproofing Certificate signed by a registered professional engineer or architect; or,

3. A Flood Hazard Development Permit for Minor Development for all development that is not new construction or a substantial improvement, such as repairs, maintenance, renovations, or additions, whose value is less than 50% of the market value of the structure. Minor development also includes, but is not limited to: accessory structures as provided for in Article VI.J., mining, dredging, filling, grading, paving, excavation, drilling operations, storage of equipment or materials, deposition or extraction of materials, public or private sewage disposal systems or water supply facilities that do not involve structures; and non-structural projects such as bridges, dams, towers, fencing, pipelines, wharves and piers.

G. Maintain, as a permanent record, copies of all Flood Hazard Development Permit Applications, corresponding Permits issued, and data relevant thereto, including reports of the Board of Appeals on variances granted under the provisions of Article IX of this Ordinance, and copies of Elevation

a. be floodproofed to at least one foot above the base flood elevation so that below that elevation the structure is watertight with walls substantially impermeable to the passage of water;

b. have structural components capable of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy; and,

c. be certified by a registered professional engineer or architect that the floodproofing design and methods of construction are in accordance with accepted standards of practice for meeting the provisions of this section. Such certification shall be provided with the application for a Flood Hazard Development Permit, as required by Article III.K. and shall include a record of the elevation above mean sea level to which the structure is floodproofed.

2. Zone A shall have the lowest floor (including basement) elevated to at least one foot above the base flood elevation utilizing information obtained pursuant to Article III.H.1.b.; Article V.B; or Article VIII.D., or-

a. together with attendant utility and sanitary facilities meet the floodproofing standards of Article VI.G.1.

H. **Manufactured Homes** - New or substantially improved manufactured homes located within:

1. Zones AE shall:

a. be elevated such that the lowest floor (including basement) of the manufactured home is at least one foot above the base flood elevation;

b. be on a permanent foundation, which may be poured masonry slab or foundation walls, with hydraulic openings, or may be reinforced piers or block supports, any of which support the manufactured home so that no weight is supported by its wheels and axles; and,

c. be securely anchored to an adequately anchored foundation system to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to:

(1) over-the-top ties anchored to the ground at the four corners of the manufactured home, plus two additional ties per side at intermediate points (manufactured homes less than 50 feet long require one additional tie per side); or by,

(2) frame ties at each corner of the home, plus five additional ties along each side at intermediate points (manufactured homes less than 50 feet long require four additional ties per side).

(3) all components of the anchoring system described in Article VI.H.1.c.(1)&(2) shall be capable of carrying a force of 4800 pounds.

2. Zone A shall:

a. be elevated on a permanent foundation, as described in Article VI.H.1.b., such that the lowest floor (including basement) of the manufactured home is at least one foot above the

technical evaluation certified by a registered professional engineer is provided demonstrating that the cumulative effect of the proposed development, when combined with all other existing development and anticipated development:

a. will not increase the water surface elevation of the base flood more than one foot at any point within the community; and,

b. is consistent with the technical criteria contained in Chapter 5 entitled "Hydraulic Analyses," *Flood Insurance Study - Guidelines and Specifications for Study Contractors*, (FEMA 37/ January 1995, as amended).

3. In Zones AE and A riverine areas for which no regulatory floodway is designated, the regulatory floodway is determined to be the channel of the river or other water course and the adjacent land areas to a distance of one-half the width of the floodplain as measured from the normal high water mark to the upland limit of the floodplain.

L. **Enclosed Areas Below the Lowest Floor** - New construction or substantial improvement of any structure in Zones AE and A that meets the development standards of Article VI, including the elevation requirements of Article VI, paragraphs F, G, or H and is elevated on posts, columns, piers, piles, "stilts," or crawlspaces may be enclosed below the base flood elevation requirements provided all the following criteria are met or exceeded:

1. Enclosed areas are not "basements" as defined in Article XIII;

2. Enclosed areas shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of flood water. Designs for meeting this requirement must either:

   a. be engineered and certified by a registered professional engineer or architect; or,

   b. meet or exceed the following minimum criteria:

      (1) a minimum of two openings having a total net area of not less than one square inch for every square foot of the enclosed area;

      (2) the bottom of all openings shall be below the base flood elevation and no higher than one foot above the lowest grade; and,

      (3) openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the entry and exit of flood waters automatically without any external influence or control such as human intervention, including the use of electrical and other non-automatic mechanical means;

3. The enclosed area shall not be used for human habitation; and,

4. The enclosed areas are usable solely for building access, parking of vehicles, or storage.

M. Bridges - New construction or substantial improvement of any bridge in Zones AE and A shall be designed such that:

B. The applicant shall submit written notification to the Code Enforcement Officer that the development is complete and complies with the provisions of this ordinance.

C. Within 10 working days, the Code Enforcement Officer shall:

1. review the Elevation Certificate and the applicant's written notification; and,

2. upon determination that the development conforms with the provisions of this ordinance, shall issue a Certificate of Compliance.

ARTICLE VIII - REVIEW OF SUBDIVISION AND DEVELOPMENT PROPOSALS

The Planning Board shall, when reviewing subdivisions and other proposed developments that require review under other federal law, state law or local ordinances or regulations and all projects on 5 or more disturbed acres, or in the case of manufactured home parks divided into two or more lots, assure that:

A. All such proposals are consistent with the need to minimize flood damage.

B. All public utilities and facilities, such as sewer, gas, electrical and water systems are located and constructed to minimize or eliminate flood damages.

C. Adequate drainage is provided so as to reduce exposure to flood hazards.

D. All proposals include base flood elevations, flood boundaries, and, in a riverine floodplain, floodway data. These determinations shall be based on engineering practices recognized by the Federal Emergency Management Agency.

E. Any proposed development plan must include a condition of plan approval requiring that structures on any lot in the development having any portion of its land within a Special Flood Hazard Area, are to be constructed in accordance with Article VI of this ordinance. Such requirement will be included in any deed, lease, purchase and sale agreement, or document transferring or expressing an intent to transfer any interest in real estate or structure, including but not limited to a time-share interest. The condition shall clearly articulate that the municipality may enforce any violation of the construction requirement and that fact shall also be included in the deed or any other document previously described. The construction requirement shall also be clearly stated on any map, plat, or plan to be signed by the Planning Board or local reviewing authority as part of the approval process.

ARTICLE IX - APPEALS AND VARIANCES

The Board of Appeals of the Town of Enfield may, upon written application of an aggrieved party, hear and decide appeals where it is alleged that there is an error in any order, requirement, decision, or determination made by, or failure to act by, the Code Enforcement Officer or Planning Board in the administration or enforcement of the provisions of this Ordinance.

The Board of Appeals may grant a variance from the requirements of this Ordinance consistent with state law and the following criteria:

A. Variances shall not be granted within any designated regulatory floodway if any increase in flood levels during the base flood discharge would result.

1. the issuance of a variance to construct a structure below the base flood level will result in greatly increased premium rates for flood insurance up to amounts as high as $25 per $100 of insurance coverage;

2. such construction below the base flood level increases risks to life and property; and,

3. the applicant agrees in writing that the applicant is fully aware of all the risks inherent in the use of land subject to flooding, assumes those risks and agrees to indemnify and defend the municipality against any claims filed against it that are related to the applicant's decision to use land located in a floodplain and that the applicant individually releases the municipality from any claims the applicant may have against the municipality that are related to the use of land located in a floodplain.

G. Appeal Procedure for Administrative and Variance Appeals

1. An administrative or variance appeal may be taken to the Board of Appeals by an aggrieved party within thirty days after receipt of a written decision of the Code Enforcement Officer or Planning Board.

2. Upon being notified of an appeal, the Code Enforcement Officer or Planning Board, as appropriate, shall transmit to the Board of Appeals all of the papers constituting the record of the decision appealed from.

3. The Board of Appeals shall hold a public hearing on the appeal within thirty-five days of its receipt of an appeal request.

4. The person filing the appeal shall have the burden of proof.

5. The Board of Appeals shall decide all appeals within thirty-five days after the close of the hearing, and shall issue a written decision on all appeals.

6. The Board of Appeals shall submit to the _____ a report of all variance actions, including justification for the granting of the variance and an authorization for the _____ to issue a Flood Hazard Development Permit, which includes any conditions to be attached to said permit.

7. Any aggrieved party who participated as a party during the proceedings before the Board of Appeals may take an appeal to Superior Court in accordance with State laws within forty-five days from the date of any decision of the Board of Appeals.

ARTICLE X - ENFORCEMENT AND PENALTIES

A. It shall be the duty of the Code Enforcement Officer to enforce the provisions of this Ordinance pursuant to Title 30-A MRSA § 4452.

B. The penalties contained in Title 30-A MRSA § 4452 shall apply to any violation of this Ordinance.

C. In addition to any other actions, the Code Enforcement Officer, upon determination that a violation exists, shall submit a declaration to the Administrator of the Federal Insurance Administration requesting a denial of flood insurance. The valid declaration shall consist

Basement - means any area of the building having its floor subgrade (below ground level) on all sides.

Building - see **Structure**.

Certificate of Compliance - A document signed by the Code Enforcement Officer stating that a structure is in compliance with all of the provisions of this Ordinance.

Code Enforcement Officer - A person certified under Title 30-A MRSA, Section 4451 (including exceptions in subsection 4451, paragraph 1) and employed by a municipality to enforce all applicable comprehensive planning and land use laws and ordinances.

Development - means any man made change to improved or unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation, drilling operations or storage of equipment or materials.

Elevated Building - means a non-basement building

a. built, in the case of a building in Zones AE or A, to have the top of the elevated floor elevated above the ground level by means of pilings, columns, post, piers, or "stilts;" and

b. adequately anchored so as not to impair the structural integrity of the building during a flood of up to one foot above the magnitude of the base flood.

In the case of Zones AE or A, **Elevated Building** also includes a building elevated by means of fill or solid foundation perimeter walls with hydraulic openings sufficient to facilitate the unimpeded movement of flood waters, as required in Article VI.L..

Elevation Certificate - An official form (FEMA Form 81-31, 02/06, as amended) that:

a. is used to verify compliance with the floodplain management regulations of the National Flood Insurance Program; and,

b. is required for purchasing flood insurance.

Flood or Flooding - means:

a. A general and temporary condition of partial or complete inundation of normally dry land areas from:

   1. The overflow of inland or tidal waters.

   2. The unusual and rapid accumulation or runoff of surface waters from any source.

b. The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding as defined in paragraph a.1. of this definition.

Flood Elevation Study - means an examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations.

d. Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either:

1. By an approved state program as determined by the Secretary of the Interior, or

2. Directly by the Secretary of the Interior in states without approved programs.

Locally Established Datum - means, for purposes of this ordinance, an elevation established for a specific site to which all other elevations at the site are referenced. This elevation is generally not referenced to the National Geodetic Vertical Datum (NGVD) or any other established datum and is used in areas where Mean Sea Level data is too far from a specific site to be practically used.

Lowest Floor - means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building's lowest floor, provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements described in Article VI.L. of this ordinance.

Manufactured Home - means a structure, transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when connected to the required utilities. For floodplain management purposes the term manufactured home also includes park trailers, travel trailers, and other similar vehicles placed on a site for greater than 180 consecutive days.

Manufactured Home Park or Subdivision - means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

Mean Sea Level - means, for purposes of the National Flood Insurance Program, the National Geodetic Vertical Datum (NGVD) of 1929, or other datum, to which base flood elevations shown on a community's Flood Insurance Rate Map are referenced.

Minor Development - means all development that is not new construction or a substantial improvement, such as repairs, maintenance, renovations, or additions, whose value is less than 50% of the market value of the structure. It also includes, but is not limited to: accessory structures as provided for in Article VI.J., mining, dredging, filling, grading, paving, excavation, drilling operations, storage of equipment or materials, deposition or extraction of materials, public or private sewage disposal systems or water supply facilities that do not involve structures; and non-structural projects such as bridges, dams, towers, fencing, pipelines, wharves, and piers.

National Geodetic Vertical Datum (NGVD) - means the national vertical datum, whose standard was established in 1929, which is used by the National Flood Insurance Program (NFIP). NGVD was based upon mean sea level in 1929 and also has been called "1929 Mean Sea Level (MSL)".

New Construction - means structures for which the "start of construction" commenced on or after the effective date of the initial floodplain management regulations adopted by a community and includes any subsequent improvements to such structures.

100-year flood - see **Base Flood.**

Recreational Vehicle - means a vehicle which is:

a. Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions; or

b. Any alteration of a Historic Structure, provided that the alteration will not preclude the structure's continued designation as a historic structure, and a variance is obtained from the community's Board of Appeals.

Variance - means a grant of relief by a community from the terms of a floodplain management regulation.

Violation - means the failure of a structure or development to comply with a community's floodplain management regulations.

ARTICLE XIV - ABROGATION

This ordinance repeals and replaces any municipal ordinance previously enacted to comply with the National Flood Insurance Act of 1968 (P.L. 90-488, as amended).

60.3 (c&d)

SPECIAL TOWN MEETING

State of Maine
Penobscot, Ss

To: Fredrick Leighton, Resident of Enfield

Greetings:

In the name of the State of Maine, you are hereby required to notify and warn the voters of the Town of Enfield, in said County, qualified by law to vote in town affairs, to meet at the Cole Memorial Building, Enfield in said town on Monday, the 22 day of January, 2007 A.D. at 7:00 o'clock in the evening, than and there to act on articles numbered one through four as set out below.

ARTICLE 1

To choose a moderator to preside at said meeting.

ARTICLE 2

To see if the Town will vote to accept the Maine Moderator's Manual to conduct said meeting.

ARTICLE 3

To see if the Town will vote to amend the floodplain Ordinance for the Town of Enfield adopted May 15 1991 with the attached Ordinance.

ARTICLE 4

To see if the Town will vote to replace the Junkyard Ordinance adopted on June 20, 2005 With the attached Ordinance.

Given unto our hands at Enfield Maine the 15th Day of January A.D. 2007

Robin Theriault Robin Theriault

Rolandd Shorey Roland Shorey

Grover Reed

A true copy:

Attest: Jeannine Theriault

1-15-2007