ORDINANCE NO. 11-02

AN ORDINANCE OF THE TOWN OF FORT MYERS BEACH AMENDING THE FLOODPLAIN REGULATIONS AND REFERENCES TO THE FEDERAL FLOOD INSURANCE STUDY (FIS) AND FLOOD INSURANCE RATE MAPS (FIRM) IN THE LAND DEVELOPMENT CODE (LDC): ADOPTING AMENDMENTS TO ARTICLE IV (FLOODPLAIN REGULATIONS) OF CHAPTER 6 OF THE LDC, TITLED "MAINTENANCE CODES, BUILDING CODES, AND COASTAL REGULATIONS," AND WHICH PROVIDES ARTICLE IV FLOODPLAIN REGULATIONS. DIVISION 1 GENERALLY; PROVIDING AUTHORITY; PROVIDING FOR CONFLICTS; SEVERABILITY; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, Article VIII, Section 2 of the Constitution of the State of Florida and Chapters 166 and 163 of the Florida Statutes provides that municipalities shall have the governmental, corporate, and proprietary powers to enable them to conduct municipal government, perform municipal functions, and render municipal services, and exercise any power for municipal purposes except when expressly prohibited by law; and

WHEREAS, Article X of the Town Charter empowers the Town to adopt, amend, or repeal such ordinances and resolutions as may be required for the proper governing of the Town; and

WHEREAS, the measures set forth in this Ordinance are necessary to provide for the protection of public health, safety and welfare of the citizens of the Town.

IT IS HEREBY ORDAINED BY THE TOWN OF FORT MYERS BEACH AS FOLLOWS:

<u>SECTION 1. INCORPORATION OF RECITALS.</u> The above "whereas" clauses are incorporated herein as though fully set forth.

SECTION 2. ADOPTION OF AMENDMENTS TO ARTICLE IV OF CHAPTER 6 OF THE LAND DEVELOPMENT CODE. Chapter 6 of the Town of Fort Myers Beach land development code is titled "MAINTENANCE CODES, BUILDING CODES AND COASTAL REGULATIONS." Article IV of this chapter, titled "FLOODPLAIN REGULATIONS," is hereby amended as shown in Exhibit A, which is hereby incorporated by reference. Entirely new language is indicated with underlining. Language being repealed from the existing code is indicated with strike throughs. Existing language being retained is neither underlined nor struck through. The amendment of Article IV of Chapter 6 amends the following division and sections:

ARTICLE IV. FLOODPLAIN REGULATIONS

Division 1. Generally

Section 6-405. Definitions

Section 6-408. Basis for Establishing Flood Regulations

Section 6-410. Conflicting Provisions

Section 6-444. Applications and Certifications

Section 6-471. General Standards

Section 6-472. Specific Standards

SECTION 3. CONFLICTS. Whenever the requirements or provisions of this Ordinance are in conflict with the requirements or provisions of any other lawfully adopted Ordinance or Statute, the most restrictive shall apply.

SECTION 4. SEVERABILITY. If any one of the provisions of this ordinance should be held contrary to any express provision of law or contrary to the policy of express law. although not expressly prohibited, or against public policy, or shall for any reason whatsoever be held as invalid, then such provision shall be null and void and shall be deemed separate from the remaining provisions of this ordinance, and shall in no way affect the validity of all other provisions of this ordinance.

SECTION 5. EFFECTIVE DATE. This ordinance shall take effect on April 18, 2011.

The foregoing ordinance was enacted by the Town Council upon a motion by Council Member List and seconded by Council Member Kosinski and, upon being put to a vote, the result was as follows:

Larry Kiker, Mayor aye Joe Kosinski aye

Bob Raymond, Vice Mayor ave Jo List

TOWN/OF FORT MYERS BEACH

aye

Alan Mandel

ave

DULY PASSED AND ENACTED this 18th day of April, 2011.

ATTEST:

Michelle D. Mayher, Town Clerk

Approved as to legal sufficiency by:

Town Attorney

FORT MYERS BEACH LAND DEVELOPMENT CODE

CHAPTER 6 MAINTENANCE CODES, BUILDING CODES, AND COASTAL REGULATIONS

ARTICLE IV. FLOODPLAIN REGULATIONS

DIVISION 1. GENERALLY

Sec. 6-401. Reserved.

Sec. 6-402. Findings of fact.

- (a) The Town of Fort Myers Beach is subject to periodic inundation which may result in the loss of life and property, as well as health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety, and general welfare.
- (b) These flood losses are caused by the occupancy in flood hazard areas by uses vulnerable to floods or hazardous to other lands which are inadequately elevated or floodproofed or otherwise unprotected from flood damages.

Sec. 6-403. Purpose of article.

It is the purpose of this article to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

- (1) Restrict or prohibit uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion; and
- (2) Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.

Sec. 6-404. Objectives of article.

The objectives of this article are to:

- (1) Protect human life and health;
- (2) Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;
- (3) Minimize prolonged business interruptions;
- (4) Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets, and bridges located in floodplains; and
- (5) Help maintain a stable tax base by providing for the sound use and development of floodprone areas in such a manner as to minimize future flood blight areas.

Sec. 6-405. Definitions.¹

The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning. Unless specifically defined in this section, words or phrases used in this article shall be interpreted so as to give them the meanings they have in common usage and to give this article its most reasonable application.

Accessory structure means a building or structure which is customarily incidental and subordinate to a principal building or to the principal use of the premises, and located on the same premises.

Addition means any walled and roofed expansion that increases the floor space of an existing building in which the addition is connected by a common loadbearing wall other than a firewall. Any walled and roofed addition which is connected by a firewall or is separated by independent perimeter loadbearing walls is considered new construction.

Appeal means a request for a review of the coordinator's <u>floodplain administrator's</u> interpretation of any provision of this article. A request for a variance from the precise terms of this article is not an appeal.

Area of special flood hazard means the land in the floodplain within a community subject to a one percent or greater chance of flooding in any given year. The entire Town of Fort Myers Beach has been designated an area of special flood hazard by the Federal Emergency Management Agency (see § 6-408).

Base flood means the flood having a one percent chance of being equaled or exceeded in any given year, as determined by the maps described in § 6-408.

Breakaway walls means any type of walls, whether solid or lattice, and whether constructed of concrete, masonry, wood, metal, plastic, or any other suitable building materials, which are not part of the structural support of the building and which are designed and constructed to collapse under specific lateral loading forces without causing damage to the elevated portion of the buildings or the supporting foundation system on which they are used.

Building means any structure built for support, shelter, or enclosure for any occupancy or storage.

Coastal high-hazard area means the area subject to high-velocity wave action from storms or seismic sources. The coastal high-hazard area is identified as Zone V on the flood insurance rate map

¹Cross reference(s)--Definitions and rules of construction generally, § 1-2.

Coordinator means the town's flood insurance coordinator, who has been designated by the town manager to implement, administer, and enforce these floodplain regulations.

Cost of improvements means the total of all costs for the repair, reconstruction, rehabilitation, additions, or other improvements to a structure. These costs include materials, labor, profit, and overhead, and include the costs of demolition and built-in appliances, but do not include the costs of plans, surveys, permits, or outdoor improvements such as landscaping. These costs may be substantiated by a contractor licensed in accordance with §§ 6-231–330 through submission of actual construction contracts, accompanied by the contractor's affidavit attesting to their accuracy and completeness. The coordinator floodplain administrator may also accept other reliable methods for substantiating costs, such as building valuation tables published by the International Code Council, provided the type of construction and extent of improvement is accurately reflected.

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

Elevated building means a building built to have the lowest floor elevated above the ground level by means of fill, solid foundation perimeter walls, pilings, columns (posts and piers), or shear walls.

Existing, when referring to a building or structure, means that construction had commenced on the building or structure, or portion thereof, prior to August 31, 1984.

Existing manufactured home park or manufactured home subdivision means a parcel or contiguous parcels of land divided into two or more manufactured home lots or sites for rent or sale for which the construction of facilities for servicing the lot or site on which the manufactured home is to be affixed, including, at a minimum, the installation of utilities, either final site grading or the pouring of concrete pads, and the construction of streets, was completed prior to August 31, 1984.

Expansion to an existing manufactured home park or manufactured home subdivision means the preparation of additional sites by the construction of facilities for servicing the sites on which the manufactured homes are to be affixed, including the installation of utilities, either final site grading or pouring of concrete pads, or the construction of streets.

Flood and **flooding** mean 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.

Flood Elevation Study see Flood Insurance Study

Flood insurance rate map (FIRM) means the official map of Fort Myers Beach on file with the coordinator <u>floodplain</u> <u>administrator</u>, on which the Federal Emergency Management Agency has delineated both the areas of special flood hazard and the risk premium zones for Fort Myers Beach, including base flood elevations and coastal high hazard areas (V zones).

Flood Insurance Study means an examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation and determination of mudslide (i.e., mudflow) and/or flood-related erosion hazards.

Floodplain Administrator means the town's planning coordinator, building official, and zoning coordinator who have been designated by the town manager to implement, administer, and enforce these floodplain regulations.

Floodproofing means any combination of structural and non-structural additions, changes, or adjustments to structures that reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures, and/or their contents. There are three major kinds of floodproofing in coastal areas:

- (1) Elevation of the lowest floor is the most common and economical method for floodproofing structures and is the only acceptable method under this code for floodproofing new or substantially improved residential structures.
- (2) For dry floodproofing, a commercial building is made watertight up to the base flood elevation and strengthened to resist all hydrostatic and hydrodynamic loads and to counter the effects of buoyancy. See § 6-472(4).
- (3) For wet floodproofing, damage to a building is avoided by allowing flood waters to temporarily fill the building to equalize loads and prevent buoyancy. See §§ 6-446(e) and 6-472(5)b.

Floor means the top surface of an enclosed space in a building, i.e., top of slab in concrete slab construction or top of wood flooring in wood frame construction. The term does not include the floor of a garage used for parking vehicles.

Functionally dependent facility means a facility which cannot be used for its intended purpose unless it is located or carried out in close proximity to water, such as a docking or port facility necessary for the loading and unloading of passengers. The term does not include longterm storage, manufacture, sales, or entertainment facilities.

Highest adjacent grade means the highest elevation of the ground surface, either prior to or after construction whichever is higher, next to the proposed walls of a structure.

Historic structure means any structure that is:

(1) Listed individually in the National Register of Historic Places or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register of Historic Places; or

- (2) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the secretary to qualify as a registered historic district; or
- (3) Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of the Interior and also listed on a local inventory of historic places, either individually or as a contributing structure in a historic district, pursuant to ch. 22 of this code.

Lowest floor means the lowest floor of the lowest enclosed space, including any floors below grade. An unfinished or flood resistant enclosure, used solely for parking of vehicles, building access, or storage, 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 non-elevation design requirements of this article.

Mangrove stand means an assemblage of mangrove trees, which are mostly low trees noted for a copious development of interlacing adventitious roots above the ground, which contains one or more of the following species: black mangrove (Avicennia nitida), red mangrove (Rhizophora mangle), white mangrove (Languncularis racemosa), and buttonwood (Conocarpus erecta).

Manufactured home means a structure, transportable in one or more sections, which is built on a permanent chassis and designed to be used with or without a permanent foundation when connected to the required utilities. This definition includes mobile homes and most park trailers (those larger than 400 square feet and/or not towable by a light duty truck), as defined in F.S. § 320.01(2), but does not include other types of recreational vehicles, as defined in F.S. § 320.01(1). However, a manufactured building as defined in F.S. ch. 553, pt. IV is not considered a manufactured home.

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

Market value of the structure, depending on the context, means either:

- (1) the value of the structure prior to the start of the improvement, or
- (2) in the case of damage, the value of the structure prior to the damage occurring. Value will be as determined (for the structure only) by the Lee County Property Appraiser, by a private appraisal acceptable to the coordinator floodplain administrator, or by an independent appraisal commissioned by the coordinator floodplain administrator. This value shall not include the value of the land on which the structure is located, nor the value of other structures or site improvements on the site, nor the value of the structure after the proposed improvements are completed. Any proposed value submitted via private appraisal that exceeds the Property Appraiser's valuation by more than 35 percent shall be subject to peer review by a qualified local appraiser or a new independent appraisal, to be commissioned by the coordinator floodplain administrator, with the full cost of the review or new appraisal paid by the applicant to the town prior to initiation of the process. In lieu of submitting a private appraisal, an applicant may obtain an independent appraisal through the coordinator floodplain administrator, with the full cost paid to the town prior to initiation of the process.

Mean sea level means the average height of the sea for all stages of the tide. It is used as a reference for establishing various elevations within the floodplain. For purposes of this article, the term is synonymous with North American Vertical Datum of 1988 (NAVD 88), to which base flood elevations shown on the flood insurance rate map are referenced.

North American Vertical Datum of 1988 (NAVD 88) is a vertical control datum used as a reference for establishing varying elevations within the floodplain. For purposes of this chapter, NAVD 88 replaced NGVD 29 on August 28, 2008. To convert a known elevation in Lee County that had been measured relative to NGVD 29, subtract 1.18 feet to determine its elevation relative to NAVD 88 (NGVD - 1.18 feet = NAVD 88).

National Geodetic Vertical Datum (NGVD), as corrected in 1929, is a vertical control that was previously used as a reference for establishing varying elevations within the floodplain. The use of NGVD 29 on FEMA maps and in these floodplain regulations was discontinued as of August 28, 2008. To convert a known elevation in Lee County that had been measured relative to NGVD 29, subtract 1.18 feet to determine its elevation relative to NAVD 88 (NGVD - 1.18 feet = NAVD 88).

New construction means structures for which the start of construction commenced on or after May 1, 1990, and includes any subsequent improvements to such structures.

New manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed, including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads, is completed on or after August 31, 1984.

Primary frontal dune means a continuous or nearly continuous mound or ridge of sand with relatively steep seaward and landward slopes immediately landward and adjacent to the beach and subject to erosion and overtopping from high tides and waves during major coastal storms. The inland limit of the primary frontal dune occurs at the point where there is a distinct change from a relatively steep slope to a relatively mild slope.

Reconstruction means an improvement to an existing building that substantially replaces all or a portion of an existing building with a new building, or physically moves an existing building to a different location.

Recreational vehicle means, for floodplain management purposes, a vehicle which is:

- (1) Built on a single chassis;
- (2) Four hundred square feet or less when measured at the largest horizontal projection;
- (3) Designed to be self-propelled or permanently towable by a light duty truck; and
- (4) Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Registered architect means an architect registered or licensed by the state of Florida to practice architecture, or who is authorized to practice architecture in Florida under a reciprocal registration or licensing agreement with another state.

Registered professional engineer means an engineer registered or licensed by the state of Florida to practice engineering, or who is authorized to practice engineering in Florida under a reciprocal registration or licensing agreement with another state.

Registered land surveyor means a land surveyor registered or licensed by the state of Florida to practice land surveying, or who is authorized to practice surveying in Florida under a reciprocal registration or licensing agreement with another state. This term includes professional surveyors and mappers registered by the state of Florida.

Rehabilitation means an improvement to an existing building that does not expand its external dimensions.

Repair means the replacement or renewal of nonstructural elements of an existing building.

Reinforced pier means a system designed and sealed by a state-registered architect or engineer which is an integral part of a foundation and anchoring system for the permanent installation of a manufactured home or recreational vehicle, as applicable, so as to prevent flotation, collapse or lateral movement of the manufactured home or recreational vehicle due to flood forces. At a minimum, a reinforced pier would have a footing adequate to support the weight of the manufactured home or recreational vehicle under saturated soil conditions such as occur during a flood. In areas subject to high-velocity floodwaters and debris impact, cast-in-place reinforced concrete piers may be appropriate. Nothing in this division shall prevent a design which uses pilings, compacted fill or any other method, as long as the minimum flood and wind standards are met.

Repetitive loss means flood-related damages sustained by a structure on two or more separate occasions during any ten-year period, for which the cost of repairs at the time of each such flood event, on the average, equals or exceeds 25 percent of the market value of the structure before the damages occurred. For the purposes of computing this 25 percent cost only, the cost of nonstructural interior finishings may be deducted from the cost of repairs, including, but not limited to, the cost of finish flooring and floor coverings, base molding, nonstructural substrates, drywall, plaster, paneling, wall covering, tapestries, window treatments, decorative masonry, paint, interior doors, tile, cabinets, moldings and millwork, decorative metal work, vanities, electrical receptacles, electrical switches, electrical fixtures, intercoms, communications and sound systems, security systems, HVAC grills and decorative trim, freestanding metal fireplaces, appliances, water closets, tubs and shower enclosures, lavatories, and water heaters.

Sand dunes means naturally occurring accumulations of sand in ridges or mounds landward of the beach.

Start of construction, for other than new construction or substantial improvements under the Coastal Barrier Resources Act (Public Law 97-348), includes substantial improvement, and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days of the permit date. The actual start means the first placement of permanent construction of a structure on a site, such as the pouring of slabs or footings, installation of piles, construction of columns, or any work beyond the stage of excavation, or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading, and filling; nor does it include the installation of streets or walkways; nor does it include excavation for a basement, footings, piers, or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory structures, such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Structure means, for floodplain management purposes, a walled and roofed building, including a gas or liquid storage tank, that is principally above ground, as well as a manufactured home.

Substantial damage means damage of any origin sustained by a structure, whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. Actual repair work need not have been performed on flood-related damage.

Substantial improvement means any reconstruction, rehabilitation, addition, or other improvement of a structure, the cumulative cost of which equals or exceeds, over any five-year period, 50 percent of the market value of the structure either before the start of construction of the improvement or, if the structure has been damaged and is being restored, before the damage occurred. The term "substantial improvement" includes structures that have incurred "substantial damage" or "repetitive loss," regardless of the actual repair work performed. The term "substantial improvement" does not, however, include either:

- (1) 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 ensure safe living conditions; or
- (2) costs of alterations or improvements whose express purpose is the mitigation of future storm damage, provided they do not exceed 50 percent of the market value of the structure over any one-year period; examples of such mitigation include the installation of storm shutters or shatterproof glass, strengthening of roof attachments, floors, or walls, and minor floodproofing.
 - a. Storm mitigation improvements may be made during the same year as other improvements, but the total cost of improvements of both types that are made over any one-year period may not exceed 50% of the market value of the structure.

- b. The annual allowance for storm mitigation improvements is not applicable to any costs associated with a lateral or vertical addition to an existing structure or to the complete replacement of an existing structure; or
- (3) any alteration of a "historic structure" provided that the alteration would not preclude the structure's continued designation as a "historic structure."

Variance means a grant of relief to a person from the requirements of this article which permits construction in a manner otherwise prohibited by this article where specific enforcement would result in unnecessary hardship.

<u>Violation</u> means the failure of a structure or other development to be fully compliant with the community's floodplain management regulations. A structure or other development without the elevation certificate, other certifications or other evidence of compliance is presumed to be in violation until such documentation is provided.

Sec. 6-406. Penalty for violation of article.

The director and the coordinator <u>floodplain administrator</u> are authorized to pursue any one or combination of the enforcement mechanisms provided in this code (for example, § 1-5, or article V of ch. 2) for any violation of this article.

Sec. 6-407. Applicability of article.

This article shall apply to the entire Town of Fort Myers Beach. No structure or land shall be located, extended, converted, or structurally altered without full compliance with the terms of this article.

Sec. 6-408. Basis for establishing flood regulations.

The entire Town of Fort Myers Beach has been designated an area of special flood hazard by the Federal Emergency Management Agency (FEMA). There are no designated or undesignated Floodways within the Town limits. The Flood Insurance Rate Study providing a narrative report of the communities flood hazards as adopted on August 28, 2008, and all revisions thereto, are adopted by reference and declared to be part of this article. FEMA maps illustrating the minimum federal floodplain regulations as adopted on August 28, 2008, and all revisions thereto, are adopted by reference and declared to be a part of this article. These flood insurance rate maps show base flood elevations and coastal high-hazard areas (V zones) for the entire town and are available for inspection at town hall and at the Lee County Department of Community Development Building, 1500 Monroe Street, Fort Myers, or can be viewed at www.fema.gov, or can be purchased by calling 1-800-358-9616. The individual map panels are numbered as follows:

General area shown	Panel number	Latest
Bowditch	120673 0553F	8/28/08

Exhibit A

Sec. 6-406

Bowditch – Lovers Ln.	120673 0554F	8/28/08
Lovers Ln Gulfview	120673 0558F	8/28/08
Gulfview - Mound Rd.	120673 0566F	8/28/08
Mound Rd. – Buccaneer	120673 0567F	8/28/08
Buccaneer – Big Carlos	120673 0569F	8/28/08

Sec. 6-409. Reserved.

Sec. 6-410. Conflicting provisions.

Where this article and any other part of this code conflict or overlap, whichever imposes the more stringent restriction shall prevail. This article is not intended to repeal, abrogate, or impair any existing easements, covenants or deed restrictions, or coastal construction codes. However, where this article and any other ordinance, regulations or coastal construction code conflict, whichever imposes the more stringent restriction shall prevail.

Sec. 6-411. Reserved.

Sec. 6-412. Warning and disclaimer of liability.

The degree of flood protection required by this article is considered reasonable for regulatory purposes and is based on scientific and engineering considerations. Larger floods can and will occur on rare occasions. Flood heights may be increased by manmade or natural causes. This article shall not create liability on the part of the town council, or by any officer or employee thereof, for any flood damages that result from reliance on this article or any administrative decision lawfully made thereunder.

Secs. 6-413--6-440. Reserved.