

BUILDING AND PROPERTY REGULATIONS

TABLE OF CONTENTS

CHAPTER 145 — DANGEROUS BUILDINGS	545
CHAPTER 146 — FIRE LIMITS AND BUILDING RESTRICTIONS.....	549
CHAPTER 150 — BUILDING NUMBERING.....	551
CHAPTER 151 — TREES.....	553
CHAPTER 160 — FLOOD PLAIN REGULATIONS	601

Chapter 145 Dangerous Building Updated March 25th, 2025

RESOLUTION 325-25A

City of Hamburg, Iowa

AN ORDINANCE ADOPTING ORDINANCES: MUNICIPAL INFRACTIONS (CHAPTER 4), NUISANCE ABATEMENT PROCEDURES (CHAPTER 50), AND DANGEROUS BUILDINGS (CHAPTER 145) OF THE "CODE OF ORDINANCES OF THE CITY OF HAMBURG, IOWA".

BE IT ORDAINED by the City Council of the City of Hamburg, Iowa, that:

SECTION 1. Pursuant to the public notice and the following hearings on the dates of February 27 and March 10, 2025, so required by Sections 362.3 and 380.8, Code of Iowa, there is hereby adopted by the City of Hamburg, Iowa, the three Ordinances (1) Municipal Infractions (Chapter 4), (2) Nuisance Abatement Procedures (Chapter 50), and (3) Dangerous Buildings (Chapter 145).

SECTION 2. All of the provisions of the "CODE OF ORDINANCES OF THE CITY OF HAMBURG, IOWA" shall be in force and effect on and after the effective date of this ordinance.

WHEREAS, Pursuant to Chapters 1.03 through 1.11 of the City of Hamburg Code of Ordinances and Section 380.8 of the Code of Iowa, The City Council, by motion vote, has approved the adoption of three Ordinances, (1) Municipal Infractions (Chapter 4), (2) Nuisance Abatement Procedures (Chapter 50), and (3) Dangerous Buildings (Chapter 145).

NOW, THEREFORE, BE IT RESOLVED That the City Council of Hamburg, Iowa has approved Municipal Infractions (Chapter 4), Nuisance Abatement Procedures (Chapter 50) and Dangerous Buildings (Chapter 145) this 25th day of March 2025.

Moved by William Barrett

Seconded by Rod Wilson

Roll Call:

W. Barrett:	<u>yes</u>
E. Hendrickson	<u>yes</u>
M. Smith	<u>yes</u>
M. Stenzel	<u>yes</u>
R. Wilson	<u>yes</u>

ADOPTED AND PASSED THIS 25th DAY OF MARCH, 2025.

Attest: Amanda Driever

Harry R Adams
Harry R Adams, Mayor

Amanda Driever, City
Clerk

SECTION 3. SECTION MODIFIED. Chapter 145 of the Code of Ordinances of the City of Hamburg, Iowa, is repealed and the following adopted in lieu thereof:

CHAPTER 145

DANGEROUS BUILDINGS

145.01 Enforcement Officer

145.02 General Definition of Unsafe

145.03 Unsafe Building

145.04 Notice to Owner

145.05 Conduct of Hearing

145.06 Posting of Signs

145.07 Right to Demolish; Municipal Infraction

145.08 Costs

145.01 ENFORCEMENT OFFICER. The Mayor is responsible for the enforcement of this chapter.

145.02 GENERAL DEFINITION OF UNSAFE. All buildings or structures that are structurally unsafe or not provided with adequate egress, or that constitute a fire hazard, or are otherwise dangerous to human life, or that in relation to existing use constitute a hazard to safety or health, or public welfare, by reason of inadequate maintenance, dilapidation, obsolescence, or abandonment, are, for the purpose of this chapter, unsafe buildings. All such unsafe buildings are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition, or removal in accordance with the procedure specified in this chapter.

(Code of Iowa, Sec. 657A.1 and 364.12[3a])

145.03 UNSAFE BUILDING. "Unsafe building" means any structure or mobile home meeting any or all of the following criteria:

1. Various Inadequacies. Whenever the building or structure, or any portion thereof, because of:

- A. Dilapidation, deterioration, or decay;
- B. Faulty construction;
- C. The removal, movement, or instability of any portion of the ground necessary for the purpose of supporting such building;
- D. The deterioration, decay, or inadequacy of its foundation; or
- E. Any other cause, is likely to partially or completely collapse.

2. Manifestly Unsafe. Whenever, for any reason, the building or structure, or any portion thereof, is manifestly unsafe for the purpose for which it is being used.

3. Inadequate Maintenance. Whenever a building or structure, used or intended to be used for dwelling purposes, because of dilapidation, decay, damage, faulty construction, or otherwise, is determined by any health officer to be unsanitary, unfit for human habitation or in such condition that it is likely to cause sickness or disease.

4. Fire Hazard. Whenever any building or structure, because of dilapidated condition, deterioration, damage, or other cause, is determined by the Fire Marshal or Fire Chief to be a fire hazard.

5. Abandoned. Whenever any portion of a building or structure remains on a site after the demolition or destruction of the building or structure or whenever any building or structure is

abandoned for a period in excess of six months so as to constitute such building or portion thereof an attractive nuisance or hazard to the public.

145.04 NOTICE TO OWNER. The enforcement officer shall examine or cause to be examined every building or structure or portion thereof reported as dangerous or damaged and, if such is found to be an unsafe building as defined in this chapter, the enforcement officer shall give to the owner of such building or structure written notice stating the defects thereof. This notice may require the owner or person in charge of the building or premises, within 48 hours or such reasonable time as the circumstances require, to commence either the required repairs or improvements or demolition and removal of the building or structure or portions thereof, and all such work shall be completed within 90 days from date of notice, unless otherwise stipulated by the enforcement officer. If necessary, such notice shall also require the building, structure, or portion thereof to be vacated forthwith and not reoccupied until the required repairs and improvements are completed, inspected, and approved by the enforcement officer.

(Code of Iowa, Sec. 364.12[3h])

1. Notice Served. Such notice shall be served by sending by certified mail to the owner of record, according to Section 364.12[3h] of the *Code of Iowa*, if the owner is found within the City limits. If the owner is not found within the City limits, such service may be made upon the owner by registered mail or certified mail. The designated period within which said owner or person in charge is required to comply with the order of the enforcement officer shall begin as of the date the owner receives such notice.

2. Hearing. Such notice shall also advise the owner that they may request a hearing before the Council on the notice by filing a written request for hearing within the time provided in the notice.

145.05 CONDUCT OF HEARING. If requested, the Council shall conduct a hearing in accordance with the following:

1. Notice. The owner shall be served with written notice specifying the date, time, and place of hearing.

2. Owner's Rights. At the hearing, the owner may appear and show cause why the alleged nuisance shall not be abated.

3. Determination. The Council shall make and record findings of fact and may issue such order as it deems appropriate.³¹

145.06 POSTING OF SIGNS. The enforcement officer shall cause to be posted at each entrance to such building a notice to read: "DO NOT ENTER. UNSAFE TO OCCUPY. CITY OF HAMBURG, IOWA." Such notice shall remain posted until the required demolition, removal or repairs are completed. Such notice shall not be removed without written permission of the enforcement officer and no person shall enter the building except for the purpose of making the required repairs or of demolishing the building.

145.07 RIGHT TO DEMOLISH; MUNICIPAL INFRACTION. In case the owner fails, neglects, or refuses to comply with the notice to repair, rehabilitate, or to demolish and remove the building or structure or portion thereof, the Council may order the owner of the building prosecuted as a violator of the provisions of this chapter and may order the enforcement officer to proceed with the work specified in such notice. A statement of the cost of such work shall be transmitted to the Council. As an alternative to this action, the City may utilize the municipal infraction process to abate the nuisance.

(Code of Iowa, Sec. 364.12[3h])

145.08 COSTS. Costs incurred under Section 145.07 shall be paid out of the City treasury. Such costs shall be charged to the owner of the premises involved and levied as a special assessment against the land on which the building or structure is located, and shall be certified to the County Treasurer for collection in the manner provided for other taxes. In addition, the City may take any other action deemed appropriate to recover costs incurred.

(Code of Iowa, Sec. 364.12[3h])

SECTION 4. SEVERABILITY CLAUSE. If any section, provision, or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision, or part thereof not adjudged invalid or unconstitutional.

SECTION 5. WHEN EFFECTIVE. This ordinance shall be in effect from and after its final passage, approval, and publication as provided by law.

Adopted by the Council the 10th day of March 2025, and approved this 10th day of March 2025.

Mayor

ATTEST:

City Clerk

First Reading: February 27, 2025

Second Reading: March 10, 2025

Third Reading: Suspended by 4/5th vote on March 10, 2025

Motion to suspend by M. Stenzel, seconded by E. Hendrickson.

Ayes: Hendrickson, Smith, Stenzel, Wilson Nays: Zero

I certify that the foregoing was published as Ordinance Chapter 4 **Municipal Infractions**, Ordinance Chapter 50 **Nuisance Abatement Procedure**, and Ordinance Chapter 145 **Dangerous Buildings** on the 10th day of March 2025.

City Clerk

CHAPTER 145

DANGEROUS BUILDINGS

145.01 Enforcement Officer
145.02 General Definition of Unsafe
145.03 Unsafe Building
145.04 Notice to Owner

145.05 Conduct of Hearing
145.06 Posting of Signs
145.07 Right to Demolish
145.08 Costs

145.01 ENFORCEMENT OFFICER. The Mayor is responsible for the enforcement of this chapter.

145.02 GENERAL DEFINITION OF UNSAFE. All buildings or structures which are structurally unsafe or not provided with adequate egress, or which constitute a fire hazard, or are otherwise dangerous to human life, or which in relation to existing use constitute a hazard to safety or health, or public welfare, by reason of inadequate maintenance, dilapidation, obsolescence, or abandonment, are, for the purpose of this chapter, unsafe buildings. All such unsafe buildings are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition, or removal in accordance with the procedure specified in this chapter.

(Code of Iowa, Sec. 657A.1 & 364.12[3a])

145.03 UNSAFE BUILDING. "Unsafe building" means any structure or mobile home meeting any or all of the following criteria:

1. Various Inadequacies. Whenever the building or structure, or any portion thereof, because of (a) dilapidation, deterioration, or decay; (b) faulty construction; (c) the removal, movement or instability of any portion of the ground necessary for the purpose of supporting such building; (d) the deterioration, decay or inadequacy of its foundation; or (e) any other cause, is likely to partially or completely collapse.
2. Manifestly Unsafe. Whenever, for any reason, the building or structure, or any portion thereof, is manifestly unsafe for the purpose for which it is being used.
3. Inadequate Maintenance. Whenever a building or structure, used or intended to be used for dwelling purposes, because of dilapidation, decay, damage, faulty construction, or otherwise, is determined by any health officer to be unsanitary, unfit for human habitation or in such condition that it is likely to cause sickness or disease.

4. Fire Hazard. Whenever any building or structure, because of dilapidated condition, deterioration, damage, or other cause, is determined by the Fire Marshal or Fire Chief to be a fire hazard.

5. Abandoned. Whenever any portion of a building or structure remains on a site after the demolition or destruction of the building or structure or whenever any building or structure is abandoned for a period in excess of six (6) months so as to constitute such building or portion thereof an attractive nuisance or hazard to the public.

145.04 NOTICE TO OWNER. The enforcement officer shall examine or cause to be examined every building or structure or portion thereof reported as dangerous or damaged and, if such is found to be an unsafe building as defined in this chapter, the enforcement officer shall give to the owner of such building or structure written notice stating the defects thereof. This notice may require the owner or person in charge of the building or premises, within forty-eight (48) hours or such reasonable time as the circumstances require, to commence either the required repairs or improvements or demolition and removal of the building or structure or portions thereof, and all such work shall be completed within ninety (90) days from date of notice, unless otherwise stipulated by the enforcement officer. If necessary, such notice shall also require the building, structure, or portion thereof to be vacated forthwith and not reoccupied until the required repairs and improvements are completed, inspected and approved by the enforcement officer.

(Code of Iowa, Sec. 364.12 [3h])

1. Notice Served. Such notice shall be served by sending by certified mail to the owner of record, according to Section 364.12[3h] of the Code of Iowa, if the owner is found within the City limits. If the owner is not found within the City limits such service may be made upon the owner by registered mail or certified mail. The designated period within which said owner or person in charge is required to comply with the order of the enforcement officer shall begin as of the date the owner receives such notice.

2. Hearing. Such notice shall also advise the owner that he or she may request a hearing before the Council on the notice by filing a written request for hearing within the time provided in the notice.

145.05 CONDUCT OF HEARING. If requested, the Council shall conduct a hearing in accordance with the following:

1. Notice. The owner shall be served with written notice specifying the date, time and place of hearing.

2. Owner's Rights. At the hearing, the owner may appear and show cause why the alleged nuisance shall not be abated.

3. Determination. The Council shall make and record findings of fact and may issue such order as it deems appropriate.

145.06 POSTING OF SIGNS. The enforcement officer shall cause to be posted at each entrance to such building a notice to read: "DO NOT ENTER. UNSAFE TO OCCUPY. CITY OF HAMBURG, IOWA." Such notice shall remain posted until the required repairs, demolition, or removal are completed. Such notice shall not be removed without written permission of the enforcement officer and no person shall enter the building except for the purpose of making the required repairs or of demolishing the building.

145.07 RIGHT TO DEMOLISH. In case the owner fails, neglects, or refuses to comply with the notice to repair, rehabilitate, or to demolish and remove the building or structure or portion thereof, the Council may order the owner of the building prosecuted as a violator of the provisions of this chapter and may order the enforcement officer to proceed with the work specified in such notice. A statement of the cost of such work shall be transmitted to the Council.

(Code of Iowa, Sec. 364.12[3h])

145.08 COSTS. Costs incurred under Section 145.07 shall be paid out of the City treasury. Such costs shall be charged to the owner of the premises involved and levied as a special assessment against the land on which the building or structure is located, and shall be certified to the County Treasurer for collection in the manner provided for other taxes.

(Code of Iowa, Sec. 364.12[3h])

EDITOR'S NOTE

Suggested forms of notice and of a resolution and order of the Council for the administration of this chapter are provided in the APPENDIX of this Code of Ordinances.

Caution is urged in the use of this procedure. We recommend you review the situation with your attorney before initiating procedures and follow his or her recommendation carefully.

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CHAPTER 146

Create ordinance on Fire Dept. having signature in burning houses

FIRE LIMITS AND BUILDING RESTRICTIONS

146.01 Fire Limits Established
146.02 Plans and Permit Required
146.03 Compliance Required
146.04 New Buildings
146.05 Beams

146.06 Fire Resistance Specifications
146.07 Moving Buildings Prohibited
146.08 Removal of Buildings
146.09 Incinerators
146.10 Violation Deemed Misdemeanor

146.01 FIRE LIMITS ESTABLISHED. The fire limits are established to include all territory within the following boundaries and descriptions:

All of Block 3, 4, 19, 20, 25, 26, 107 and 108 in the City

146.02 PLANS AND PERMIT REQUIRED. It is unlawful to build, enlarge or alter any wall, structure, building or part thereof within the fire limits until a plan of the proposed work, together with a statement of materials to be used, has been submitted to the Mayor, who shall, if such proposed work and materials are in accordance with the provisions of this chapter, issue a permit for the proposed work.

146.03 COMPLIANCE REQUIRED. The erection of any building or structure of any kind, or additions thereto or substantial alterations thereof involving partial rebuilding, is prohibited in the fire limits, unless constructed in strict compliance with the provisions of this chapter.

146.04 NEW BUILDINGS. All exterior or division walls of buildings hereafter erected shall be of sufficient thickness to support the load to be carried. All solid brick or reinforced concrete, exterior or division walls shall be not less than twelve (12) inches thick in the upper two stories or upper thirty (30) feet, increasing four (4) inches in thickness for each two (2) stories or fraction thereof below. Such exterior or division walls, when constructed of other permissible material, such as concrete tile or hollow tile, shall be at least four (4) inches thicker than solid brick or reinforced concrete walls. All exterior or division walls shall extend at least fifteen (15) inches above the roof.

146.05 BEAMS. The ends of all floors, ceilings or roof beams entering a party wall or firewall from opposite sides shall be separated by at least four (4) inches of solid masonry. Such separation may be obtained by corbeling the wall, or staggering the beams, but no wall shall be corbeled more than two (2) inches for this purpose.

146.06 FIRE RESISTANCE SPECIFICATIONS. All structural remodeling and all new construction of any kind within the fire zone shall be built to a minimum standard of hourly rated fire resistant construction, as defined by the National Board of Fire Underwriters and its affiliate, Underwriters' Laboratories, Inc., as follows:

1. Floors - two (2) hours;
2. Exterior walls - two (2) hours;
3. Columns, piers, beams, girders and trusses supporting loads - two (2) hours;
4. Roofs - one and one-half (1½) hours.

146.07 MOVING BUILDINGS PROHIBITED. The removal of any building not constructed in accordance with the provisions of this chapter, from without to within the fire limits, or from any part of the fire limits to any other place therein, is prohibited.

146.08 REMOVAL OF BUILDINGS. Any person who erects or moves any building in the fire limits, contrary to the provisions of this chapter, shall be given ten (10) days' written notice by the Mayor to remove or tear down the same, and if such removal or taking down is not completed within ten (10) days from the time of the service of such notice, the Mayor shall cause the same to be removed or taken down. The Mayor shall report an itemized bill of the expense to the Clerk, and the same shall be charged to the person owning such building. The Clerk shall present the bill to the owner of the property, and if the bill is not paid within ten (10) days from the date it is presented, the amount of the bill shall be certified by the Clerk to the County Treasurer as a special tax against the property and collected the same as other taxes.

146.09 INCINERATORS. All depositories for ashes or incinerators within the fire limits shall be wholly of brick or other fireproof material and constructed to the minimum specifications defined by the National Board of Fire Underwriters.

146.10 VIOLATION DEEMED MISDEMEANOR. Anyone violating any of the provisions of this chapter is guilty of a misdemeanor.

CHAPTER 150

BUILDING NUMBERING

150.01 Definitions

150.02 Owner Requirements

150.03 Building Numbering Map

150.01 DEFINITIONS. For use in this chapter, the following terms are defined:

1. "Owner" means the owner of the principal building.
2. "Principal building" means the main building on any lot or subdivision thereof.

150.02 OWNER REQUIREMENTS. Every owner shall comply with the following numbering requirements:

1. Obtain Building Number. The owner shall obtain the assigned number to the principal building from the Clerk.

(Code of Iowa, Sec. 364.12[3d])

2. Display Building Number. The owner shall place or cause to be installed and maintained on the principal building the assigned number in a conspicuous place to the street in figures not less than three (3) inches in height and of a contrasting color with their background.

(Code of Iowa, Sec. 364.12[3d])

3. Failure to Comply. If an owner refuses to number a building as herein provided, or fails to do so for a period of thirty (30) days after being notified in writing by the City to do so, the City may proceed to place the assigned number on the principal building and assess the costs against the property for collection in the same manner as a property tax.

(Code of Iowa, Sec. 364.12[3h])

150.03 BUILDING NUMBERING MAP. The Clerk shall be responsible for preparing and maintaining a building numbering map.

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CHAPTER 151

TREES

151.01 Definition

151.02 Planting Restrictions

151.03 Duty to Trim Trees

151.04 Disease Control

151.05 Inspection and Removal

151.01 DEFINITION. For use in this chapter, "parking" means that part of the street, avenue or highway in the City not covered by sidewalk and lying between the lot line and the curb line; or, on unpaved streets, that part of the street, avenue or highway lying between the lot line and that portion of the street usually traveled by vehicular traffic.

151.02 PLANTING RESTRICTIONS. No tree shall be planted in any parking or street except in accordance with the following:

1. Alignment. All trees planted in any street shall be planted in the parking midway between the outer line of the sidewalk and the curb. In the event a curb line is not established, trees shall be planted on a line eight (8) feet from the property line.
2. Spacing. Trees shall not be planted on any parking which is less than nine (9) feet in width, or contains less than eighty-one (81) square feet of exposed soil surface per tree. Trees shall not be planted closer than twenty (20) feet from street intersections (property lines extended) and ten (10) feet from driveways. If it is at all possible trees should be planted inside the property lines and not between the sidewalk and the curb.
3. Prohibited Trees. No person shall plant in any street any fruit-bearing tree or any tree of the kinds commonly known as cottonwood, poplar, box elder, Chinese elm, evergreen, willow or black walnut.

151.03 DUTY TO TRIM TREES. The owner or agent of the abutting property shall keep the trees on, or overhanging the street, trimmed so that all branches will be at least twelve (12) feet above the surface of the street and at least eight (8) feet above the surface of sidewalks. If the abutting property owner fails to trim the trees, the City may serve notice on the abutting property owner requiring that such action be taken within five (5) days. If such action is not taken within that time, the City may perform the required action and assess the costs against the abutting property for collection in the same manner as a

property tax. This section does not apply to small trees, the branches of which do not overhang the street or sidewalk.

(Code of Iowa, Sec. 364.12[2c, d & e])

151.04 DISEASE CONTROL. Any dead, diseased or damaged tree or shrub which may harbor serious insect or disease pests or disease injurious to other trees is hereby declared to be a nuisance.

151.05 INSPECTION AND REMOVAL. The Council shall inspect or cause to be inspected any trees or shrubs in the City reported or suspected to be infected with or damaged by any disease or insect or disease pests, and such trees and shrubs shall be subject to removal as follows:

1. Removal from City Property. If it is determined that any such condition exists on any public property, including the strip between the curb and the lot line of private property, and that danger to other trees within the City is imminent, the Council shall immediately cause such condition to be corrected by treatment or removal so as to destroy or prevent as fully as possible the spread of the disease or the insect or disease pests. The Council may also order the removal of any trees on the streets of the City which interfere with the making of improvements or with travel thereon.

2. Removal from Private Property. If it is determined with reasonable certainty that any such condition exists on private property and that the danger to other trees within the City is imminent, the Council shall immediately notify by certified mail the owner, occupant or person in charge of such property to correct such condition by treatment or removal within fourteen (14) days of said notification. If such owner, occupant or person in charge of said property fails to comply within fourteen (14) days of receipt of notice, the Council may cause the nuisance to be removed and the cost assessed against the property.

(Code of Iowa, Sec. 364.12[3b & h])

[The next page is 601]

CHAPTER 160

FLOODPLAIN REGULATIONS

160.01 - Definitions	2
160.02 - Statutory Authority, Findings of Fact and Purpose	5
160.03 - General Provisions.....	6
160.04 - Administration.....	6
160.05 - Floodplain Management Standards	8
160.06 - Variance Procedures	11
160.07 - Nonconforming Uses.....	12
160.08 - Penalties for Violation	13
160.09 - Amendments.....	13

FLOODPLAIN MANAGEMENT ORDINANCE

160.01- Definitions

Unless specifically defined below, words or phrases used in this Ordinance shall be interpreted so as to give them the meaning they have in common usage and to give this Ordinance its most reasonable application.

APPURTENANT STRUCTURE - A structure which is on the same parcel of the property as the principal structure to be insured and the use of which is incidental to the use of the principal structure.

BASE FLOOD - The flood having one (1) percent chance of being equaled or exceeded in any given year (Also commonly referred to as the "100-year flood").

BASE FLOOD ELEVATION (BFE) - The elevation floodwaters would reach at a particular site during the occurrence of a base flood event.

BASEMENT - Any enclosed area of a building which has its floor or lowest level below ground level (subgrade) on all sides. Also see "lowest floor."

DEVELOPMENT - 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. "Development" does not include "minor projects" or "routine maintenance of existing buildings and facilities" as defined in this section. It also does not include gardening, plowing, and similar practices that do not involve filling or grading.

ENCLOSED AREA BELOW LOWEST FLOOR - The floor of the lowest enclosed area in a building when all the following criteria are met:

- A. The enclosed area is designed to flood to equalize hydrostatic pressure during flood events with walls or openings that satisfy the provisions of 160.05(1)(D)(1) of this Ordinance, and
- B. The enclosed area is unfinished (not carpeted, drywalled, etc.) and used solely for low damage potential uses such as building access, parking or storage, and
- C. Machinery and service facilities (e.g., hot water heater, furnace, electrical service) contained in the enclosed area are located at least one (1) foot above the base flood elevation, and
- D. The enclosed area is not a "basement" as defined in this section.

EXISTING CONSTRUCTION - Any structure for which the "start of construction" commenced before the effective date of the first floodplain management regulations adopted by the community.

EXISTING FACTORY-BUILT HOME PARK OR SUBDIVISION - A factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built 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 before the effective date of the first floodplain management regulations adopted by the community.

EXPANSION OF EXISTING FACTORY-BUILT HOME PARK OR SUBDIVISION - The preparation of additional sites by the construction of facilities for servicing the lots on which the factory-built 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).

FACTORY-BUILT HOME - Any structure, designed for residential use which is wholly or in substantial part, made, fabricated, formed or assembled in manufacturing facilities for installation or assembly and installation, on a building site. For the purpose of this Ordinance factory-built homes include mobile homes, manufactured homes, and modular homes; and also include "recreational vehicles" which are placed on a site for greater than 180 consecutive days and not fully licensed for and ready for highway use.

FACTORY-BUILT HOME PARK OR SUBDIVISION - A parcel or contiguous parcels of land divided into two or more factory-built home lots for sale or lease.

FIVE HUNDRED (500) YEAR FLOOD - A flood, the magnitude of which has a two-tenths (0.2) percent chance of being equaled or exceeded in any given year or which, on average, will be equaled or exceeded at least once every five hundred (500) years.

FLOOD - A general and temporary condition of partial or complete inundation of normally dry land areas resulting from the overflow of streams or rivers or from the unusual and rapid runoff of surface waters from any source.

FLOOD INSURANCE RATE MAP (FIRM) - The official map prepared as part of (but published separately from) the Flood Insurance Study which delineates both the flood hazard areas and the risk premium zones applicable to the community.

FLOOD INSURANCE STUDY (FIS) - A report published by FEMA for a community issued along with the community's Flood Insurance Rate Map(s). The study contains such background data as the base flood discharge and water surface elevations that were used to prepare the FIRM.

FLOODPLAIN - Any land area susceptible to being inundated by water as a result of a flood.

FLOODPLAIN MANAGEMENT - An overall program of corrective and preventive measures for reducing flood damages and promoting the wise use of floodplains, including but not limited to emergency preparedness plans, flood control works, floodproofing and floodplain management regulations.

FLOODPROOFING - Any combination of structural and nonstructural additions, changes, or adjustments to structures, including utility and sanitary facilities, which will reduce or eliminate flood damage to such structures.

FLOODWAY - The channel of a river or stream and those portions of the floodplains adjoining the channel, which are reasonably required to carry and discharge flood waters or flood flows so that confinement of flood flows to the floodway area will not cumulatively increase the water surface elevation of the base flood by more than one (1) foot.

FLOODWAY FRINGE - Those portions of the Special Flood Hazard Area outside the floodway.

HIGHEST ADJACENT GRADE - The highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

HISTORIC STRUCTURE - Any structure that is:

- A. Listed individually in the National Register of Historic Places, maintained by the Department of Interior, or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing of the National Register;
- B. 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;
- C. 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; or,
- D. Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified by either i) an approved state program as determined by the Secretary of the Interior or ii) directly by the Secretary of the Interior in states without approved programs.

LOWEST FLOOR - The floor of the lowest enclosed area in a building including a basement except when the criteria listed in the definition of Enclosed Area below Lowest Floor are met.

MAXIMUM DAMAGE POTENTIAL DEVELOPMENT - Hospitals and like institutions; buildings or building complexes containing documents, data, or instruments of great public value; buildings or building complexes containing materials dangerous to the public or fuel storage facilities; power installations needed in emergency or other buildings or building complexes similar in nature or use.

MINOR PROJECTS - Small development activities (except for filling, grading and excavating) valued at less than \$500.

NEW CONSTRUCTION - (new buildings, factory-built home parks) - Those structures or development for which the start of construction commenced on or after the effective date of the first floodplain management regulations adopted by the community.

NEW FACTORY-BUILT HOME PARK OR SUBDIVISION - A factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built 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 the effective date of the first floodplain management regulations adopted by the community.

RECREATIONAL VEHICLE - A vehicle which is:

- A. Built on a single chassis;
- B. Four hundred (400) square feet or less when measured at the largest horizontal projection;
- C. Designed to be self-propelled or permanently towable by a light duty truck; and
- D. Designed primarily not for use as a permanent dwelling but as a temporary living quarters for recreational, camping, travel, or seasonal use.

ROUTINE MAINTENANCE OF EXISTING BUILDINGS AND FACILITIES - Repairs necessary to keep a structure in a safe and habitable condition that do not trigger a building permit, provided they are not associated with a general improvement of the structure or repair of a damaged structure. Such repairs include:

- A. Normal maintenance of structures such as re-roofing, replacing roofing tiles and replacing siding;
- B. Exterior and interior painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work;
- C. Basement sealing;
- D. Repairing or replacing damaged or broken window panes;
- E. Repairing plumbing systems, electrical systems, heating or air conditioning systems and repairing wells or septic systems.

SPECIAL FLOOD HAZARD AREA (SFHA) - The land within a community subject to the "base flood". This land is identified on the community's Flood Insurance Rate Map as Zone A, A1-30, AE, AH, AO, AR, and/or A99.

START OF CONSTRUCTION - Includes substantial improvement, and means the date the development 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 either the first placement or permanent construction of a structure on a site, such as pouring of a slab or footings, the installation of pile, the construction of columns, or any work beyond the stage of excavation; or the placement of a factory-built 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 and/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 buildings 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 the building, whether or not that alteration affects the external dimensions of the building.

STRUCTURE - Anything constructed or erected on the ground or attached to the ground, including, but not limited to, buildings, factories, sheds, cabins, factory-built homes, storage tanks, grain storage facilities and/or other similar uses.

SUBSTANTIAL DAMAGE - Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damage condition would equal or exceed fifty (50) percent of the market value of the structure before the damage occurred. Volunteer labor and donated materials shall be included in the estimated cost of repair.

SUBSTANTIAL IMPROVEMENT - Any improvement to a structure which satisfies either of the following criteria:

- A. Any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds fifty (50) percent of the market value of the structure either (i) before the "start of construction" of the improvement, or (ii) if the structure has been "substantially damaged" and is being restored, before the damage occurred.
The term does not, however, include 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. The term also does not include any alteration of an "historic structure", provided the alteration will not preclude the structure's designation as an "historic structure".
- B. Any addition which increases the original floor area of a building by 25 percent or more. All additions constructed after the effective date of the first floodplain management regulations adopted by the community shall be added to any proposed addition in determining whether the total increase in original floor space would exceed 25 percent.

VARIANCE - A grant of relief by a community from the terms of the floodplain management regulations.

VIOLATION - The failure of a structure or other development to be fully compliant with the community's floodplain management regulations.

160.02 - Statutory Authority, Findings of Fact and Purpose

1. The Legislature of the State of Iowa has in Chapter 364, Code of Iowa, as amended, delegated the power to cities to exercise any power and perform any function it deems appropriate to protect and preserve the rights, privileges and property of the City or of its residents, and to preserve and improve the peace, safety, health, welfare, comfort and convenience of its residents.

2. Findings of Fact

- A. The flood hazard areas of the City of Hamburg are subject to periodic inundation which can result in loss of life and property, 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 of the community.
- B. These flood losses, hazards, and related adverse effects are caused by: (i) The occupancy of flood hazard areas by uses vulnerable to flood damages which create hazardous conditions as a result of being inadequately elevated or otherwise protected from flooding and (ii) the cumulative effect of obstructions on the floodplain causing increases in flood heights and velocities.
- C. This ordinance relies upon engineering methodology for analyzing flood hazards which is consistent with the standards established by the Department of Natural Resources.

3. Statement of Purpose

It is the purpose of this Ordinance to protect and preserve the rights, privileges and property of the City of Hamburg and its residents and to preserve and improve the peace, safety, health, welfare, and comfort and convenience of its residents by minimizing those flood losses described in 160.02(2)(A) of this Ordinance with provisions designed to:

- A. Reserve sufficient floodplain area for the conveyance of flood flows so that flood heights and velocities will not be increased substantially.
- B. Restrict or prohibit uses which are dangerous to health, safety or property in times of flood or which cause excessive increases in flood heights or velocities.
- C. Require that uses vulnerable to floods, including public facilities which serve such uses, be protected against flood damage at the time of initial construction or substantial improvement.
- D. Protect individuals from buying lands which may not be suited for intended purposes because of flood hazard.

- E. Assure that eligibility is maintained for property owners in the community to purchase flood insurance through the National Flood Insurance Program.

160.03 - General Provisions

1. Lands to Which Ordinance Apply

The provisions of this Ordinance shall apply to all lands and development which have significant flood hazards. The Flood Insurance Rate Map (FIRM) for Fremont County and Incorporated Areas, City of Hamburg, Panels 19071C0406C, 0407C, 0408C, dated February 25th, 2022, which were prepared as part of the Fremont County Flood Insurance Study, shall be used to identify such flood hazard areas and all areas shown thereon to be within the boundaries of the base flood shall be considered as having significant flood hazards. The Flood Insurance Study for the County of Fremont County is hereby adopted by reference and is made a part of this ordinance for the purpose of administering floodplain management regulations.

2. Rules for Interpretation of Flood Hazard Boundaries

The boundaries of the Special Flood Hazard areas shall be determined by scaling distances on the official Flood Insurance Rate Map. Where uncertainty exists with respect to the precise location of the base flood boundary, the location shall be determined on the basis of the base flood elevation at the particular site in question. When an interpretation is needed as to the exact location of a boundary, the Mayor shall make the necessary interpretation. The City Council shall hear and decide appeals when it is alleged that there is an error in any requirement, decision, or determination made by the Mayor in the enforcement or administration of this Ordinance.

3. Compliance

No structure or land shall hereafter be used and no structure shall be located, extended, converted or structurally altered without full compliance with the terms of this Ordinance and other applicable regulations which apply to uses within the jurisdiction of this Ordinance.

4. Abrogation and Greater Restrictions

It is not intended by this Ordinance to repeal, abrogate or impair any existing easements, covenants, or deed restrictions. However, where this Ordinance imposes greater restrictions, the provision of this Ordinance shall prevail. All other ordinances inconsistent with this Ordinance are hereby repealed to the extent of the inconsistency only.

5. Interpretation

In their interpretation and application, the provisions of this Ordinance shall be held to be minimum requirements and shall be liberally construed in favor of the governing body and shall not be deemed a limitation or repeal of any other powers granted by State statutes.

6. Warning and Disclaimer of Liability

The standards required by this Ordinance are considered reasonable for regulatory purposes. This Ordinance does not imply that areas outside the designated areas of significant flood hazard will be free from flooding or flood damages. This Ordinance shall not create liability on the part of the City of Hamburg or any officer or employee thereof for any flood damages that result from reliance on this Ordinance or any administrative decision lawfully made there under.

7. Severability

If any section, clause, provision or portion of this Ordinance is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of this Ordinance shall not be affected thereby.

160.04 - Administration

1. Appointment, Duties and Responsibilities of Local Official

- A. The Mayor is hereby appointed to implement and administer the provisions of this Ordinance and will herein be referred to as the Administrator.
- B. Duties and responsibilities of the Administrator shall include, but not necessarily be limited to the following:
 - 1) Review all floodplain development permit applications to assure that the provisions of this Ordinance will be satisfied.

- 2) Review floodplain development applications to assure that all necessary permits have been obtained from federal, state and local governmental agencies including approval when required from the Department of Natural Resources for floodplain construction.
- 3) Record and maintain a record of (i) the elevation (in relation to North American Vertical Datum 1988) of the lowest floor (including basement) of all new or substantially improved structures or (ii) the elevation to which new or substantially improved structures have been floodproofed.
- 4) Notify adjacent communities/counties and the Department of Natural Resources prior to any proposed alteration or relocation of a watercourse and submit evidence of such notifications to the Federal Emergency Management Agency.
- 5) Keep a record of all permits, appeals and such other transactions and correspondence pertaining to the administration of this Ordinance.
- 6) Submit to the Federal Insurance Administrator an annual report concerning the community's participation, utilizing the annual report form supplied by the Federal Insurance Administrator.
- 7) Notify the Federal Insurance Administrator of any annexations or modifications to the community's boundaries.
- 8) Review subdivision proposals to ensure such proposals are consistent with the purpose of this ordinance and advise the City Council of potential conflict.
- 9) Maintain the accuracy of the community's Flood Insurance Rate Maps when;
 - a. Development placed within the floodway results in any of the following:
 - (i) An increase in the Base Flood Elevations, or
 - (ii) Alteration to the floodway boundary
 - b. Development placed in Zones A, AE, AH, and A1-30 that does not include a designated floodway that will cause a rise of more than one foot in the base elevation; or
 - c. Development relocates or alters the channel.

Within 6 months of the completion of the development, the applicant shall submit to FEMA all scientific and technical data necessary for a Letter of Map Revision.

- 10) Perform site inspections to ensure compliance with the standards of this Ordinance.
- 11) Forward all requests for Variances to the City Council for consideration. Ensure all requests include the information ordinarily submitted with applications as well as any additional information deemed necessary to the City Council.

2. Floodplain Development Permit

- A. Permit Required - A Floodplain Development Permit issued by the Administrator shall be secured prior to any floodplain development (any man-made change to improved and unimproved real estate, including but not limited to buildings or other structures, mining, filling, grading, paving, storage of materials and equipment, excavation or drilling operations), including the placement of factory-built homes.
- B. Application for Permit - Application shall be made on forms furnished by the Administrator and shall include the following:
 - 1) Description of the work to be covered by the permit for which application is to be made.
 - 2) Description of the land on which the proposed work is to be done (i.e., lot, block, track, street address or similar description) that will readily identify and locate the work to be done.
 - 3) Location and dimensions of all structures and additions
 - 4) Indication of the use or occupancy for which the proposed work is intended.
 - 5) Elevation of the base flood.
 - 6) Elevation (in relation to North American Vertical Datum 1988) of the lowest floor (including basement) of structures or of the level to which a structure is to be floodproofed.
 - 7) For structures being improved or rebuilt, the estimated cost of improvements and market value of the structure prior to the improvements.
 - 8) Such other information as the Administrator deems reasonably necessary (e.g., drawings or a site plan) for the purpose of this Ordinance.

- C. Action on Permit Application - The Administrator shall, within a reasonable time, make a determination as to whether the proposed floodplain development meets the applicable standards of this Ordinance and shall approve or disapprove the application. For disapprovals, the applicant shall be informed, in writing, of the specific reasons therefore. The Administrator shall not issue permits for variances except as directed by the City Council.
- D. Construction and Use to be as Provided in Application and Plans - Floodplain Development Permits based on the basis of approved plans and applications authorize only the use, arrangement, and construction set forth in such approved plans and applications and no other use, arrangement or construction. Any use, arrangement, or construction at variance with that authorized shall be deemed a violation of this Ordinance. The applicant shall be required to submit certification by a professional engineer or land surveyor, as appropriate, registered in the State of Iowa, that the finished fill, structure floor elevations, floodproofing, or other flood protection measures were accomplished in compliance with the provisions of this Ordinance, prior to the use or occupancy of any structure.

160.05 - Floodplain Management Standards

1. General Floodplain Standards

All development must be consistent with the need to minimize flood damage and meet the following applicable performance standards. Where base flood elevations have not been provided in the Flood Insurance Study, the Iowa Department of Natural Resources shall be contacted to determine (i) whether the land involved is either wholly or partly within the floodway or floodway fringe and (ii) the base flood elevation. Until a regulatory floodway is designated, no development may increase the Base Flood Elevation more than one (1) foot. The applicant will be responsible for providing the Department of Natural Resources with sufficient technical information to make such determination.

Review by the Iowa Department of Natural Resources is not required for the proposed construction of new or replacement bridges or culverts where (i) the bridge or culvert is located on a stream that drains less than two (2) square miles, and (ii) the bridge or culvert is not associated with a channel modification that constitutes a channel change as specified in 567-71.2(2), Iowa Administrative Code.

- A. All development within the special flood hazard areas shall:
 - 1) Be designed and adequately anchored to prevent flotation, collapse or lateral movement.
 - 2) Use construction methods and practices that will minimize flood damage.
 - 3) Use construction materials and utility equipment that are resistant to flood damage.
- B. Residential structures - All new or substantially improved residential structures shall have the lowest floor, including basement, elevated a minimum of one (1) foot above the base flood elevation. Construction shall be upon compacted fill which shall, at all points, be no lower than 1.0 ft. above the base flood elevation and extend at such elevation at least 18 feet beyond the limits of any structure erected thereon. Alternate methods of elevating (such as piers or extended foundations) may be allowed, where existing topography, street grades, or other factors preclude elevating by fill. In such cases, the methods used must be adequate to support the structure as well as withstand the various forces and hazards associated with flooding.

All new residential structures located in areas that would become isolated due to flooding of surrounding ground shall be provided with a means of access that will be passable by wheeled vehicles during the base flood. However, this criterion shall not apply where the Administrator determines there is sufficient flood warning time for the protection of life and property. When estimating flood warning time, consideration shall be given to the criteria listed in 567-75.2(3), Iowa Administrative Code.

- C. Non-residential structures - All new or substantially improved non-residential structures shall have the lowest floor (including basement) elevated a minimum of one (1) foot above the base flood elevation, or together with attendant utility and sanitary systems, be floodproofed to such a level. When floodproofing is utilized, a professional engineer registered in the State of Iowa shall certify that the floodproofing methods used are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the base flood; and that the structure, below the base flood elevation is watertight with walls substantially impermeable to the passage of water. A record of the certification indicating the specific elevation

(in relation to North American Vertical Datum 1988) to which any structures are floodproofed shall be maintained by the Administrator.

D. All new and substantially improved structures:

- 1) Fully enclosed areas below the "lowest floor" (not including basements) that are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or meet or exceed the following minimum criteria:
 - a. A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided
 - b. The bottom of all openings shall be no higher than one foot above grade.
 - c. Openings may be equipped with screens, louvers, valves, or other coverings or devices provided they permit the automatic entry and exit of floodwaters.

Such areas shall be used solely for parking of vehicles, building access and low damage potential storage. Where the distance between the floor and ceiling of the fully enclosed area below the "lowest floor" is FIVE (5) feet or more, the applicant shall be required to sign and record with the Fremont County Recorder a Non-Conversion Agreement that ensures the lower enclosed area remains compliant with the criteria outlined in 160.05(1)(D)(1).

2) New and substantially improved structures must be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.

3) New and substantially improved structures shall be constructed with electric meter, electrical service panel box, hot water heater, heating, air conditioning, ventilation equipment (including ductwork), and other similar machinery and equipment elevated (or in the case on non-residential structures, optionally floodproofed to) a minimum of one (1) foot above the base flood elevation.

4) New and substantially improved structures shall be constructed with plumbing, gas lines, water/gas meters and other similar service utilities either elevated (or in the case of non-residential structures, optionally floodproofed to) a minimum of one (1) foot above the base flood elevation or designed to be watertight and withstand inundation to such a level.

E. Factory-built homes:

- 1) All new and substantially improved factory-built homes, including those placed in existing factory-built home parks or subdivisions, shall be elevated on a permanent foundation such that the lowest floor of the structure is a minimum of one (1) foot above the base flood elevation.
- 2) All new and substantially improved factory-built homes, including those placed in existing factory-built home parks or subdivisions, shall be anchored to resist flotation, collapse, or lateral movement. Anchorage systems may include, but are not limited to, use of over-the-top or frame ties to ground anchors as required by the State Building Code.

F. Utility and Sanitary Systems:

- 1) On-site waste disposal and water supply systems shall be located or designed to avoid impairment to the system or contamination from the system during flooding.
- 2) All new and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system as well as the discharge of effluent into flood waters. Wastewater treatment facilities (other than on-site systems) shall be provided with a level of flood protection equal to or greater than one (1) foot above the base flood elevation.
- 3) New or replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system. Water supply treatment facilities (other than on-site systems) shall be provided with a level of protection equal to or greater than one (1) foot above the base flood elevation.
- 4) Utilities such as gas or electrical systems shall be located and constructed to minimize or eliminate flood damage to the system and the risk associated with such flood damaged or impaired systems.

- G. Storage of materials and equipment that are flammable, explosive or injurious to human, animal or plant life is prohibited unless elevated a minimum of one (1) foot above the base flood elevation. Other material and equipment must either be similarly elevated or (i) not be subject to major flood damage and be anchored to prevent movement due to flood waters or (ii) be readily removable from the area within the time available after flood warning.
- H. Flood control structural works such as levees, flood walls, etc. shall provide, at a minimum, protection from the base flood with a minimum of 3 ft. of design freeboard and shall provide for adequate interior drainage. In addition, structural flood control works shall be approved by the Department of Natural Resources.
- I. Watercourse alterations or relocations must be designed to maintain the flood carrying capacity within the altered or relocated portion. In addition, such alterations or relocations must be approved by the Department of Natural Resources.
- J. Subdivisions (including factory-built home parks and subdivisions) shall be consistent with the need to minimize flood damages and shall have adequate drainage provided to reduce exposure to flood damage. Development associated with subdivision proposals (including the installation of public utilities) shall meet the applicable performance standards of this Ordinance. Subdivision proposals intended for residential use shall provide all lots with a means of access which will be passable by wheeled vehicles during the base flood. Proposals for subdivisions greater than five (5) acres or fifty (50) lots (whichever is less) shall include base flood elevation data for those areas located within the Special Flood Hazard Area.
- K. Accessory Structures to Residential Uses
- 1) Detached garages, sheds, and similar structures that are incidental to a residential use are exempt from the base flood elevation requirements where the following criteria are satisfied:
 - a. The structure shall be designed to have low flood damage potential. Its size shall not exceed 600 sq. ft. in size. Those portions of the structure located less than 1 foot above the base flood elevation must be constructed of flood-resistant materials.
 - b. The structure shall be used solely for low flood damage potential purposes such as vehicle parking and limited storage. The structure shall not be used for human habitation.
 - c. The structure shall be constructed and placed on the building site so as to offer minimum resistance to the flow of floodwaters.
 - d. The structure shall be firmly anchored to resist flotation, collapse and lateral movement.
 - e. The structure's service facilities such as electrical and heating equipment shall be elevated or floodproofed to at least one foot above the base flood elevation.
 - f. The structure's walls shall include openings that satisfy the provisions of 160.05(1)(D)(1) of this Ordinance.
 - 2) Exemption from the base flood elevation requirements for such a structure may result in increased premium rates for flood insurance coverage of the structure and its contents.
- L. Recreational Vehicles
- 1) Recreational vehicles are exempt from the requirements of 160.05(1)(E) of this Ordinance regarding anchoring and elevation of factory-built homes when the following criteria are satisfied:
 - a. The recreational vehicle shall be located on the site for less than 180 consecutive days, and,
 - b. The recreational vehicle must be fully licensed and ready for highway use. A recreational vehicle is ready for highway use if it is on its wheels or jacking system and is attached to the site only by quick disconnect type utilities and security devices and has no permanently attached additions.
 - 2) Recreational vehicles that are located on the site for more than 180 consecutive days or are not ready for highway use must satisfy requirements of 160.05(1)(E) of this Ordinance regarding anchoring and elevation of factory-built homes.
- M. Pipeline river and stream crossings shall be buried in the streambed and banks, or otherwise sufficiently protected to prevent rupture due to channel degradation and meandering.
- N. Maximum Damage Potential Development - All new or substantially improved maximum damage potential development shall have the lowest floor (including basement) elevated a minimum of one (1) foot above the

elevation of the 500-year flood, or together with attendant utility and sanitary systems, be floodproofed to such a level. When floodproofing is utilized, a professional engineer registered in the State of Iowa shall certify that the floodproofing methods used are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the 0.2% annual chance flood; and that the structure, below the 0.2% annual chance flood elevation is watertight with walls substantially impermeable to the passage of water. A record of the certification indicating the specific elevation (in relation to North American Vertical Datum 1988) to which any structures are floodproofed shall be maintained by the Administrator. Where 0.2% chance flood elevation data has not been provided in the Flood Insurance Study, the Iowa Department of Natural Resources shall be contacted to compute such data. The applicant will be responsible for providing the Department of Natural Resources with sufficient technical information to make such determinations.

2. Special Floodway Provisions

In addition to the General Floodplain Standards, development within the floodway must meet the following applicable standards. The floodway is that portion of the floodplain which must be protected from developmental encroachment to allow the free flow of flood waters. Where floodway data has been provided in the Flood Insurance Study, such data shall be used to define the floodway. Where no floodway data has been provided, the Department of Natural Resources shall be contacted to provide a floodway delineation. The applicant will be responsible for providing the Department of Natural Resources with sufficient technical information to make such determination.

- A. No development shall be permitted in the floodway that would result in any increase in the base flood elevation. Consideration of the effects of any development on flood levels shall be based upon the assumption that an equal degree of development would be allowed for similarly situated lands.
- B. All development within the floodway shall:
 - 1) Be consistent with the need to minimize flood damage.
 - 2) Use construction methods and practices that will minimize flood damage.
 - 3) Use construction materials and utility equipment that are resistant to flood damage.
- C. No development shall affect the capacity or conveyance of the channel or floodway of any tributary to the main stream, drainage ditch or any other drainage facility or system.
- D. Structures, buildings, recreational vehicles, and sanitary and utility systems, if permitted, shall meet the applicable General Floodplain standards and shall be constructed or aligned to present the minimum possible resistance to flood flows.
- E. Structures, if permitted, shall have a low flood damage potential and shall not be for human habitation.
- F. Storage of materials or equipment that are buoyant, flammable, explosive or injurious to human, animal or plant life is prohibited. Storage of other material may be allowed if readily removable from the floodway within the time available after flood warning.
- G. Watercourse alterations or relocations (channel changes and modifications) must be designed to maintain the flood carrying capacity within the altered or relocated portion. In addition, such alterations or relocations must be approved by the Department of Natural Resources.
- H. Any fill allowed in the floodway must be shown to have some beneficial purpose and shall be limited to the minimum amount necessary.
- I. Pipeline river or stream crossings shall be buried in the streambed and banks or otherwise sufficiently protected to prevent rupture due to channel degradation and meandering or due to the action of flood flows.

160.06 - Variance Procedures

1. The City Council may authorize upon request in specific cases such variances from the terms of this Ordinance that will not be contrary to the public interest where, owing to special conditions, a literal enforcement of the provisions of this Ordinance will result in unnecessary hardship. Variances granted must meet the following applicable standards.
 - A. Variances shall only be granted upon: (i) a showing of good and sufficient cause, (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that the granting of the variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public or conflict with existing local codes or ordinances.

- B. Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood would result. Consideration of the effects of any development on flood levels shall be based upon the assumption that an equal degree of development would be allowed for similarly situated lands.
 - C. Variances shall only be granted upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
 - D. In cases where the variance involves a lower level of flood protection for structures than what is ordinarily required by this Ordinance, the applicant shall be notified in writing over the signature of the Administrator that:
 - (i) the issuance of a variance will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage and (ii) such construction increases risks to life and property.
 - E. All variances granted shall have the concurrence or approval of the Department of Natural Resources.
2. Factors Upon Which the Decision of the City Council Shall be Based - In passing upon applications for Variances, the Council shall consider all relevant factors specified in other sections of this Ordinance and:
- A. The danger to life and property due to increased flood heights or velocities caused by encroachments.
 - B. The danger that materials may be swept on to other land or downstream to the injury of others.
 - C. The proposed water supply and sanitation systems and the ability of these systems to prevent disease, contamination and unsanitary conditions.
 - D. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.
 - E. The importance of the services provided by the proposed facility to the City.
 - F. The requirements of the facility for a floodplain location.
 - G. The availability of alternative locations not subject to flooding for the proposed use.
 - H. The compatibility of the proposed use with existing development and development anticipated in the foreseeable future.
 - I. The relationship of the proposed use to the comprehensive plan and floodplain management program for the area.
 - J. The safety of access to the property in times of flood for ordinary and emergency vehicles.
 - K. The expected heights, velocity, duration, rate of rise and sediment transport of the flood water expected at the site.
 - L. The cost of providing governmental services during and after flood conditions, including maintenance and repair of public utilities (sewer, gas, electrical and water systems), facilities, streets and bridges.
 - M. Such other factors which are relevant to the purpose of this Ordinance.
3. Conditions Attached to Variances - Upon consideration of the factors listed above, the City Council may attach such conditions to the granting of variances as it deems necessary to further the purpose of this Ordinance. Such conditions may include, but not necessarily be limited to:
- A. Modification of waste disposal and water supply facilities.
 - B. Limitation of periods of use and operation.
 - C. Imposition of operational controls, sureties, and deed restrictions.
 - D. Requirements for construction of channel modifications, dikes, levees, and other protective measures, provided such are approved by the Department of Natural Resources and are deemed the only practical alternative to achieving the purpose of this Ordinance.
 - E. Floodproofing measures shall be designed consistent with the flood protection elevation for the particular area, flood velocities, duration, rate of rise, hydrostatic and hydrodynamic forces, and other factors associated with the regulatory flood. The Council shall require that the applicant submit a plan or document certified by a registered professional engineer that the floodproofing measures are consistent with the regulatory flood protection elevation and associated flood factors for the particular area.

160.07 - Nonconforming Uses

- 1. A structure or the use of a structure or premises which was lawful before the passage or amendment of this Ordinance, but which is not in conformity with the provisions of this Ordinance, may be continued subject to the following conditions:

- A. If such use is discontinued for six (6) consecutive months, any future use of the building premises shall conform to this Ordinance.
- B. Uses or adjuncts thereof that are or become nuisances shall not be entitled to continue as nonconforming uses.
- C. If any nonconforming use or structure is destroyed by any means, including flood, it shall not be reconstructed if the cost is more than fifty (50) percent of the market value of the structure before the damage occurred, unless it is reconstructed in conformity with the provisions of this Ordinance. This limitation does not include the cost of any alteration to comply with existing state or local health, sanitary, building or safety codes or regulations or the cost of any alteration of a structure listed on the National Register of Historic Places, provided that the alteration shall not preclude its continued designation.

2. Except as provided in 160.07(1)(B), any use which has been permitted as a Variance shall be considered a conforming use.

160.08 - Penalties for Violation

Violations of the provisions of this Ordinance or failure to comply with any of the requirements shall constitute a misdemeanor. Any person who violates this Ordinance or fails to comply with any of its requirements shall upon conviction thereof be fined not more than \$500.00 (FIVE HUNDRED DOLLARS) or imprisoned for not more than 30 (THIRTY) days. Nothing herein contained prevent the City of Hamburg from taking such other lawful action as is necessary to prevent or remedy violation.

160.09 - Amendments

The regulations and standards set forth in this Ordinance may from time to time be amended, supplemented, changed, or repealed. No amendment, supplement, change, or modification shall be undertaken without prior approval of the Department of Natural Resources.

ADOPTED AND PASSED by the City Council of the City of

Hamburg this
1st day of Feb, 20 2022

Seal of City

Attest:

Matthew E. Crain
Mayor

Shirley A. Crain
City Clerk

Public Hearing Date: Feb 1, 2022
Publication Date: Jan. 21, 2022
Effective Date: Feb 1, 2022

Note: All Ordinances must be properly certified.

CHAPTER 160

FLOOD PLAIN REGULATIONS

160.01 Purpose	160.12 Flood Plain Development Permit Required
160.02 Definitions	160.13 Application for Permit
160.03 Lands to Which Chapter Applies	160.14 Action on Application
160.04 Rules for Interpretation of Flood Hazard Boundaries	160.15 Construction and Use to be as Provided in Application and Plans
160.05 Compliance	160.16 Variances
160.06 Abrogation and Greater Restrictions	160.17 Factors Upon Which the Decision to Grant Variances Shall be Based
160.07 Interpretation	160.18 Conditions Attached to Variances
160.08 Warning and Disclaimer of Liability	160.19 Nonconforming Uses
160.09 General Flood Plain Standards	160.20 Amendments
160.10 Special Floodway Provisions	
160.11 Administration	

160.01 PURPOSE. It is the purpose of this chapter to protect and preserve the rights, privileges and property of the City and its residents and to preserve and improve the peace, safety, health, welfare and comfort and convenience of its residents by minimizing flood losses with provisions designed to:

1. Reserve Flood Plain Area. Reserve sufficient flood plain area for the conveyance of flood flows so that flood heights and velocities will not be increased substantially.
2. Restrict Use. Restrict or prohibit uses which are dangerous to health, safety, or property in times of flood or which cause excessive increases in flood heights or velocities.
3. Vulnerable Uses Protected. Require that uses vulnerable to floods, including public facilities which serve such uses, be protected against flood damage at the time of initial construction or substantial improvement.
4. Unsuitable Land Purchases. Protect individuals from buying lands which may not be suited for intended purposes because of flood hazard.
5. Flood Insurance. Assure that eligibility is maintained for property owners in the community to purchase flood insurance through the National Flood Insurance Program.

160.02 DEFINITIONS. Unless specifically defined below, words or phrases used in this chapter shall be interpreted so as to give them the meaning they have in common usage and to give this chapter its most reasonable application.

1. "Base flood" means the flood having one (1) percent chance of being equaled or exceeded in any given year. (See 100-year flood.)

2. "Basement" means any enclosed area of a building which has its floor or lowest level below ground level (subgrade) on all sides. Also see "lowest floor."
3. "Development" means any manmade change to improved or unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation or drilling operations.
4. "Existing construction" means any structure for which the "start of construction" commenced before the effective date of the community's Flood Insurance Rate Map. May also be referred to as "existing structure."
5. "Existing factory-built home park or subdivision" means a factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built 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) was completed before the effective date of these flood plain management regulations.
6. "Expansion of existing factory-built home park or subdivision" means the preparation of additional sites by the construction of facilities for servicing the lots on which the factory-built 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).
7. "Factory-built home" means any structure designed for residential use which is wholly or in substantial part made, fabricated, formed or assembled in manufacturing facilities for installation or assembly and installation on a building site. For the purpose of this chapter, factory-built homes include mobile homes, manufactured homes and modular homes and also includes "recreational vehicles" which are placed on a site for greater than 180 consecutive days and not fully licensed for and ready for highway use.
8. "Factory-built home park" means a parcel or contiguous parcels of land divided into two or more factory-built home lots for sale or lease.
9. "Flood" means a general and temporary condition of partial or complete inundation of normally dry land areas resulting from the overflow of streams or rivers or from the unusual and rapid runoff of surface waters from any source.

10. "Flood elevation" means the elevation floodwaters would reach at a particular site during the occurrence of a specific flood. For instance, the 100-year flood elevation is the elevation of floodwaters related to the occurrence of the 100-year flood.

11. "Flood Insurance Rate Map (FIRM)" means the official map prepared as part of (but published separately from) the Flood Insurance Study which delineates both the flood hazard areas and the risk premium zones applicable to the community.

12. "Flood Insurance Study" means a study initiated, funded and published by the Federal Insurance Administration for the purpose of evaluating in detail the existence and severity of flood hazards; providing the City with the necessary information for adopting a flood plain management program; and establishing actuarial flood insurance rates.

13. "Flood plain" means any land area susceptible to being inundated by water as a result of a flood.

14. "Flood plain management" means an overall program of corrective and preventive measures for reducing flood damages and promoting the wise use of flood plains, including but not limited to emergency preparedness plans, flood control works, floodproofing and flood plain management regulations.

15. "Floodproofing" means any combination of structural and nonstructural additions, changes, or adjustments to structures, including utility and sanitary facilities which will reduce or eliminate flood damage to such structures.

16. "Floodway" means the channel of a river or stream and those portions of the flood plains adjoining the channel, which are reasonably required to carry and discharge flood waters or flood flows so that confinement of flood flows to the floodway area will not cumulatively increase the water surface elevation of the base flood by more than one (1) foot.

17. "Floodway fringe" means those portions of the flood plain, other than the floodway, which can be filled, leveed, or otherwise obstructed without causing substantially higher flood levels or flow velocities.

18. "Historic structure" means any structure that is:

A. Listed individually in the National Register of Historic Places, maintained by the Department of Interior, or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing in the National Register;

- B. 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;
 - C. 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; or,
 - D. Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified by either (i) an approved state program as determined by the Secretary of the Interior or (ii) directly by the Secretary of the Interior in states without approved programs.
19. "Lowest floor" means the floor of the lowest enclosed area in a building including a basement except when all the following criteria are met:
- A. The enclosed area is designed to flood to equalize hydrostatic pressure during floods with walls or openings that satisfy the provisions of Section 160.09(4)(A); and
 - B. The enclosed area is unfinished (not carpeted, drywalled, etc.) and used solely for low damage potential uses such as building access, parking or storage; and
 - C. Machinery and service facilities (e.g., hot water heater, furnace, electrical service) contained in the enclosed area are located at least one (1) foot above the 100-year flood level; and
 - D. The enclosed area is not a "basement" as defined in this section.

In cases where the lowest enclosed area satisfies criteria A, B, C and D above, the lowest floor is the floor of the next highest enclosed area that does not satisfy the criteria above.

20. "New construction" (new buildings, factory-built home parks) means those structures or development for which the start of construction commenced on or after the effective date of the Flood Insurance Rate Map.

21. "New factory-built home park or subdivision" means a factory-built home park or subdivision for which the construction of facilities for servicing the lots on which the factory-built 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 the effective date of these flood plain management regulations.

22. "100-Year Flood" means a flood, the magnitude of which has a one percent (1%) chance of being equaled or exceeded in any given year or which, on the average, will be equaled or exceeded at least once every one hundred (100) years.

23. "Recreational vehicle" means a vehicle which is:

- A. Built on a single chassis;
- B. Four hundred (400) square feet or less when measured at the largest horizontal projection;
- C. Designed to be self-propelled or permanently towable by a light duty truck; and
- D. Designed primarily not for use as a permanent dwelling but as a temporary living quarters for recreational, camping, travel, or seasonal use.

24. "Special flood hazard area" means the land within a community subject to the "100-year flood." This land is identified as Zone A on the Flood Insurance Rate Map.

25. "Start of construction" includes substantial improvement, and means the date the development 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 either the first placement of permanent construction of a structure on a site, such as pouring of a slab or footings, the installation of pile, the construction of columns, or any work beyond the stage of excavation; or the placement of a factory-built 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 and/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 buildings 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 the building, whether or not that alteration affects the external dimensions of the building.

26. "Structure" means anything constructed or erected on the ground or attached to the ground, including, but not limited to, buildings, factories, sheds, cabins, factory-built homes, storage tanks and other similar uses.

27. "Substantial damage" means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damage condition would equal or exceed fifty (50) percent of the market value of the structure before the damage occurred.

28. "Substantial improvement" means any improvement to a structure which satisfies either of the following criteria:

A. Any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds fifty (50) percent of the market value of the structure either (i) before the "start of construction" of the improvement, or (ii) if the structure has been "substantially damaged" and is being restored, before the damage occurred. The term does not, however, include any project for improvement of a structure to comply with existing State or local health, sanitary, or safety code specifications which are solely necessary to assure safe conditions for the existing use. The term also does not include any alteration of an "historic structure," provided the alteration will not preclude the structure's designation as an "historic structure."

B. Any addition which increases the original floor area of a building by twenty-five (25) percent or more.

All additions constructed after the effective date of the Flood Insurance Rate Map shall be added to any proposed addition in determining whether the total increase in original floor space would exceed twenty-five percent.

29. "Variance" means a grant of relief by a community from the terms of the flood plain management regulations.

30. "Violation" means the failure of a structure or other development to be fully compliant with this chapter.

160.03 LANDS TO WHICH CHAPTER APPLIES. The provisions of this chapter shall apply to all lands and uses which have significant flood hazards. The Flood Boundary and Floodway Map and the Flood Insurance Rate Map dated August 5, 1988, which were prepared as part of the Flood Insurance Study, shall be used to identify such flood hazard areas and all areas shown thereon to be within the boundaries of the 100-year flood shall be considered as

having significant flood hazards. Where uncertainty exists with respect to the precise location of the 100-year flood boundary, the location shall be determined on the basis of the 100-year flood elevation at the particular site in question. The Flood Insurance Study is hereby made a part of this chapter for the purpose of administering flood plain management regulations.

160.04 RULES FOR INTERPRETATION OF FLOOD HAZARD BOUNDARIES. The boundaries of the Special Flood Hazard areas shall be determined by scaling distances on the official Flood Insurance Rate Map. When an interpretation is needed as to the exact location of a boundary, the Mayor shall make the necessary interpretation. The Council shall hear and decide appeals when it is alleged that there is an error in any requirement, decision, or determination made by the Mayor in the enforcement or administration of this chapter.

160.05 COMPLIANCE. No structure or land shall hereafter be used and no structure shall be located, extended, converted or structurally altered without full compliance with the terms of this chapter and other applicable regulations which apply to uses within the jurisdiction of this chapter.

160.06 ABROGATION AND GREATER RESTRICTIONS. It is not intended by this chapter to repeal, abrogate or impair any existing easements, covenants, or deed restrictions. However, where this chapter imposes greater restrictions, the provision of this chapter shall prevail. Any ordinances inconsistent with this chapter are hereby repealed to the extent of the inconsistency only.

160.07 INTERPRETATION. In their interpretation and application, the provisions of this chapter shall be held to be minimum requirements and shall be liberally construed in favor of the Council and shall not be deemed a limitation or repeal of any other powers granted by State statutes.

160.08 WARNING AND DISCLAIMER OF LIABILITY. The standards required by this chapter are considered reasonable for regulatory purposes. This chapter does not imply that areas outside the designated special flood hazard areas will be free from flooding or flood damages. This chapter shall not create liability on the part of the City or any officer or employee thereof for any flood damages that result from reliance on this chapter or any administrative decision lawfully made thereunder.

160.09 GENERAL FLOOD PLAIN STANDARDS. All uses must be consistent with the need to minimize flood damage and shall meet the following

applicable performance standards. Where 100-year flood data has not been provided in the Flood Insurance Rate Map, the Department of Natural Resources shall be contacted to compute such data. In shallow flooding areas designated as AO Zone on the Flood Insurance Rate Map, the minimum flood proofing/ flood protection elevation shall be equal to the number of feet as specified on the rate map above the highest natural grade adjacent to the structure.

1. All structures shall i) be adequately anchored to prevent flotation, collapse or lateral movement of the structure, ii) be constructed with materials and utility equipment resistant to flood damage, and iii) be constructed by methods and practices that minimize flood damage.
2. Residential Buildings. All new or substantially improved residential structures shall have the lowest floor, including basements, elevated a minimum of one foot above the 100 year flood level. Construction shall be upon compacted fill which shall, at all points, be no lower than one foot above the 100 year flood level and extend at such elevation at least 18 feet beyond the limits of any structure erected thereon. Alternate methods of elevating (such as piers) may be allowed, subject to favorable consideration by the Board of Adjustment and issuance of a Conditional Use Permit, where existing topography, street grades, or other factors preclude elevating by fill. In such case, the methods used must be adequate to support the structure as well as withstand the various forces and hazards associated with flooding. All new residential buildings shall be provided with a means of access which will be passable by wheeled vehicles during the 100-year flood.
3. Nonresidential Buildings. All new or substantially improved non-residential buildings shall have the lowest floor (including basement) elevated a minimum of one foot above the 100 year flood level, or together with attendant utility and sanitary systems, be floodproofed to such level. When floodproofing is utilized, a professional engineer registered in the State of Iowa shall certify that the floodproofing methods used are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the 100 year flood; and that the structure, below the 100 year flood level, is watertight with walls substantially impermeable to the passage of water. A record of the certification indicating the specific elevation (in relation to mean sea level) to which any structures are floodproofed shall be maintained by the Zoning Administrator.
4. All new and substantially improved structures:

A. Fully enclosed areas below the "lowest floor" (not including basements) that are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or 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 enclosed area subject to flooding shall be provided.
- (2) The bottom of all openings shall be no higher than one foot above grade.
- (3) Openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

B. New and substantially improved structures must be designed (or modified) and adequately anchored to prevent flotation, collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.

C. New and substantially improved structures must be constructed with electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

5. Factory-built homes:

A. All factory-built homes including those placed in existing factory-built home parks or subdivisions shall be anchored to resist flotation, collapse or lateral movement. The following specific requirements (or their equivalent) shall be met:

- (1) Over-the-top ties shall be provided at each of the four corners of the factory-built home, with two (2) additional ties per side at intermediate locations and factory-built homes less than fifty (50) feet long requiring one additional tie per side;
- (2) Frame ties shall be provided at each corner of the home with five (5) additional ties per side at intermediate

points and factory-built homes less than fifty (50) feet long requiring four (4) additional ties per side;

(3) All components of the anchoring system shall be capable of carrying a force of 4800 pounds.

(4) Any additions to factory-built homes shall be similarly anchored.

B. Factory-built homes including those placed in existing factory-built home parks or subdivisions shall be elevated on a permanent foundation such that the lowest floor of the structure is a minimum of one foot above the 100-year flood level.

6. Utility and Sanitary Systems.

A. All new and replacement sanitary sewer systems shall be designed to minimize or eliminate infiltration of flood waters into the system as well as the discharge of effluent into flood waters. Wastewater treatment facilities (other than on-site systems) shall be provided with a level of flood protection equal to or greater than one foot above the 100 year flood elevation.

B. On site waste disposal and water systems shall be located or designed to avoid impairment to the system or contamination from the system during flooding.

C. New or replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system. Water supply treatment facilities (other than on-site systems) shall be provided with a level of protection equal to or greater than one foot above the 100 year flood elevation.

D. Utilities such as gas and electrical systems shall be located and constructed to minimize or eliminate flood damage to the system and the risk associated with such flood damaged or impaired systems.

7. Storage of materials and equipment that are flammable, explosive or injurious to human, animal or plant life is prohibited unless elevated a minimum of one foot above the 100 year flood level. Other material and equipment must either be similarly elevated or (i) not be subject to major flood damage and be anchored to prevent movement due to flood waters or (ii) be readily removable from the area within the time available after flood warning.

8. Flood control structural works such as levees, flood-walls, etc. shall provide, at a minimum, protection from a 100 year flood with a minimum of 3 feet of design freeboard and shall provide for adequate interior drainage. In addition, structural flood control works shall be approved by the Department of Natural Resources.

9. Watercourse alterations or relocations must be designed to maintain the flood within the altered or relocated portion.

10. Subdivisions (including factory-built home parks and subdivisions) shall be consistent with the need to minimize flood damages and shall have adequate drainage provided to reduce exposure to flood damage. Development associated with subdivision proposals (including the installation of public utilities) shall meet the applicable performance standards of this chapter. Subdivision proposals intended for residential development shall provide all lots with a means of access which will be passable by wheeled vehicles during the 100-year flood. Proposals for subdivisions greater than five (5) acres or fifty (50) lots (whichever is less) shall include 100-year flood elevation data for those areas located within the Flood Plain District.

11. Accessory Structures.

A. Detached garages, sheds, and similar structures accessory to a residential use are exempt from the 100-year flood elevation requirements where the following criteria are satisfied:

- (1) The structure shall not be used for human habitation.
- (2) The structure shall be designed to have low flood damage potential.
- (3) The structure shall be constructed and placed on the building site so as to offer minimum resistance to the flow of floodwaters.
- (4) The structure shall be firmly anchored to prevent flotation which may result in damage to other structures.
- (5) The structure's service facilities such as electrical and heating equipment shall be elevated or floodproofed to at least one foot above the 100-year flood level.

B. Exemption from the 100-year flood elevation requirements for such a structure may result in increased premium rates for flood insurance coverage of the structure and its contents.

12. Recreational Vehicles.

A. Recreational vehicles are exempt from the requirements of Section 160.11(5) of this chapter regarding anchoring and elevation of factory-built homes when the following criteria are satisfied.

(1) The recreational vehicle shall be located on the site for less than 180 consecutive days, and,

(2) The recreational vehicle must be fully licensed and ready for highway use. A recreational vehicle is ready for highway use if it is on its wheels or jacking system and is attached to the site only by quick disconnect type utilities and security devices and has no permanently attached additions.

B. Recreational vehicles that are located on the site for more than 180 consecutive days and are not ready for highway use must satisfy requirements of Section 160.11(5) of this chapter regarding anchoring and elevation of factory-built homes.

160.10 SPECIAL FLOODWAY PROVISIONS. In addition to the General Flood Plain Standards, uses within the floodway must meet the following applicable standards. The floodway is that portion of the flood plain which must be protected from developmental encroachment to allow the free flow of flood waters. Where floodway data has been provided in the Flood Insurance Study, such data shall be used to define the floodway limits. Where no floodway data has been provided, the Department of Natural Resources shall be contacted to provide a floodway delineation.

1. No use shall be permitted in the Floodway District that would result in any increase in the 100 year flood level. Consideration of the effects of any development on flood levels shall be based upon the assumption that an equal degree of development would be allowed for similarly situated lands.

2. All uses within the Floodway District shall:

A. Be consistent with the need to minimize flood damage.

B. Use construction methods and practices that will minimize flood damage.

C. Use construction materials and utility equipment that are resistant to flood damage.

3. No use shall affect the capacity or conveyance of the channel or floodway or any tributary to the main stream, drainage ditch, or any other facility or system.
4. Structures, buildings and sanitary and utility systems, if permitted, shall meet the applicable performance standards of the Floodway Fringe District and shall be constructed or aligned to present the minimum possible resistance to flood flows.
5. Buildings, if permitted, shall have a low flood damage potential and shall not be for human habitation.
6. Storage of materials or equipment that are buoyant, flammable, explosive or injurious to human, animal or plant life is prohibited. Storage of other material may be allowed if readily removable from the Floodway District within the time available after flood warning.
7. Watercourse alterations or relocations (channel changes and modifications) must be designed to maintain the flood carrying capacity within the altered or relocated portion. In addition, such alterations or relocations must be approved by the Department of Natural Resources.
8. Any fill allowed in floodway must be shown to have some beneficial purpose and shall be limited to the minimum amount necessary.
9. Pipeline river or stream crossings shall be buried in the stream bed and banks or otherwise sufficiently protected to prevent rupture due to channel degradation and meandering or due to the action of flood flows.

160.11 ADMINISTRATION. The Mayor shall administer and enforce the provisions of this chapter and will herein be referred to as the Administrator. Duties and responsibilities of the Administrator include, but are not necessarily limited to, the following:

1. Review all flood plain development permit applications to assure that the provisions of this chapter will be satisfied.
2. Review all flood plain development permit applications to assure that all necessary permits have been obtained from Federal, State and local governmental agencies including approval when required from the Department of Natural Resources for flood plain construction.
3. Record and maintain a record of the elevation (in relation to National Geodetic Vertical Datum) of the lowest floor (including basement) of all new or substantially improved structures in the special flood hazard area.

4. Record and maintain a record of the elevation (in relation to National Geodetic Vertical Datum) to which all new or substantially improved structures have been floodproofed.
5. Notify adjacent communities and/or counties and the Department of Natural Resources prior to any proposed alteration or relocation of a watercourse and submit evidence of such notifications to the Federal Emergency Management Agency.
6. Keep a record of all permits, appeals and such other transactions and correspondence pertaining to the administration of this chapter.

160.12 FLOOD PLAIN DEVELOPMENT PERMIT REQUIRED. A Flood Plain Development Permit issued by the Administrator shall be secured prior to any flood plain development (any manmade change to improved and unimproved real estate, including but not limited to buildings or other structures, mining, filling, grading, paving, excavation or drilling operations) including the placement of factory-built homes.

160.13 APPLICATION FOR PERMIT. Application for a Flood Plain Development Permit shall be made on forms supplied by the Administrator and shall include the following information:

1. Work To Be Done. Description of the work to be covered by the permit for which application is to be made.
2. Location. Description of the land on which the proposed work is to be done (i.e., lot, block, tract, street address or similar description) that will readily identify and locate the work to be done.
3. Use or Occupancy. Indication of the use or occupancy for which the proposed work is intended.
4. Flood Elevation. Elevation of the 100-year flood.
5. Floor Elevation. Elevation (in relation to National Geodetic Vertical Datum) of the lowest floor (including basement) of buildings or of the level to which a building is to be floodproofed.
6. Cost of Improvement. For buildings being improved or rebuilt, the estimated cost of improvements and market value of the building prior to the improvements.
7. Other. Such other information as the Administrator deems reasonably necessary (e.g., drawings or a site plan) for the purpose of this chapter.

160.14 ACTION ON APPLICATION. The Administrator shall, within a reasonable time, make a determination as to whether the proposed flood plain development meets the applicable standards of this chapter and shall approve or disapprove the application. For disapprovals, the applicant shall be informed, in writing, of the specific reasons therefor. The Administrator shall not issue permits for variances except as directed by the Council.

160.15 CONSTRUCTION AND USE TO BE AS PROVIDED IN APPLICATION AND PLANS. Flood Plain Development Permits, issued on the basis of approved plans and applications, authorize only the use, arrangement, and construction set forth in such approved plans and applications and no other use, arrangement or construction. Any use, arrangement, or construction at variance with that authorized shall be deemed a violation of this chapter. The applicant shall be required to submit certification by a professional engineer or land surveyor, as appropriate, registered in the State, that the finished fill, building floor elevations, floodproofing, or other flood protection measures were accomplished in compliance with the provisions of this chapter, prior to the use or occupancy of any structure.

160.16 VARIANCES. The Council may authorize upon request in specific cases such variances from the terms of this chapter that will not be contrary to the public interest where, owing to special conditions, a literal enforcement of the provisions of this chapter will result in unnecessary hardship. Variances granted must meet the following applicable standards:

1. Prohibited. Variances shall not be issued within any designated floodway if any increase in flood levels during the 100-year flood would result. Consideration of the effects of any development on flood levels shall be based upon the assumption that an equal degree of development would be allowed for similarly situated lands.
2. Cause. Variances shall only be granted upon (i) a showing of good and sufficient cause, (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that the granting of the variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public or conflict with existing local codes or ordinances.
3. Required To Afford Relief. Variances shall only be granted upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.

4. Notice To Applicant. In cases where the variance involves a lower level of flood protection for buildings than what is ordinarily required by this chapter, the applicant shall be notified in writing over the signature of the Administrator that (i) the issuance of a variance will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage and (ii) such construction increases risks to life and property.

5. Department of Natural Resources Approval. All variances granted shall have the concurrence or approval of the Department of Natural Resources.

160.17 FACTORS UPON WHICH THE DECISION TO GRANT VARIANCES SHALL BE BASED. In passing upon applications for variances, the Council shall consider all relevant factors specified in other sections of this chapter and:

1. The danger to life and property due to increased flood heights or velocities caused by encroachments.
2. The danger that materials may be swept on to other lands or downstream to the injury of others.
3. The proposed water supply and sanitation systems and the ability of these systems to prevent disease, contamination and unsanitary conditions.
4. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.
5. The importance of the services provided by the proposed facility to the community.
6. The requirements of the facility for a flood plain location.
7. The availability of alternative locations not subject to flooding for the proposed use.
8. The compatibility of the proposed use with existing development and development anticipated in the foreseeable future.
9. The relationship of the proposed use to the comprehensive plan and flood plain management program for the area.
10. The safety of access to the property in times of flood for ordinary and emergency vehicles.
11. The expected heights, velocity, duration, rate of rise and sediment transport of the flood water expected at the site.

12. The cost of providing governmental services during and after flood conditions, including maintenance and repair of public utilities (sewer, gas, electrical and water systems), facilities, streets and bridges.
13. Such other factors which are relevant to the purpose of this chapter.

160.18 CONDITIONS ATTACHED TO VARIANCES. Upon consideration of the factors listed above, the Council may attach such conditions to the granting of variances as it deems necessary to further the purpose of this chapter. Such conditions may include, but not necessarily be limited to:

1. Modification of waste disposal and water supply facilities.
2. Limitation of periods of use and operation.
3. Imposition of operational controls, sureties, and deed restrictions.
4. Requirements for construction of channel modifications, dikes, levees, and other protective measures, provided such are approved by the Department of Natural Resources and are deemed the only practical alternative to achieving the purposes of this chapter.
5. Floodproofing measures.

160.19 NONCONFORMING USES.

1. A structure or the use of a structure or premises which was lawful before the passage or amendment of this chapter, but which is not in conformity with the provisions of this chapter, may be continued subject to the following conditions:

A. If such use is discontinued for six (6) consecutive months, any future use of the building premises shall conform to this chapter.

B. Uses or adjuncts thereof that are or become nuisances shall not be entitled to continue as nonconforming uses.

2. If any nonconforming use or structure is destroyed by any means, including flood, it shall not be reconstructed if the cost is more than fifty (50) percent of the market value of the structure before the damage occurred, except unless it is reconstructed in conformity with the provisions of this chapter. This limitation does not include the cost of any alteration to comply with existing State or local health, sanitary, building or safety codes or regulations or the cost of any alteration of a structure listed on the National Register of Historic Places, provided that the alteration shall not preclude its continued designation.

160.20 AMENDMENTS. The regulations and standards set forth in this chapter may from time to time be amended, supplemented, changed, or repealed. No amendment, supplement, change, or modification shall be undertaken without prior approval from the Department of Natural Resources.