

Chapter 8

Floodplains

Part 1 General Provisions

- §8-101. Intent
- §8-102. Applicability
- §8-103. Abrogation and Greater Restrictions
- §8-104. Warning and Disclaimer of Liability

Part 2 Administration

- §8-201. Building Permits Required
- §8-202. Issuance of Building Permit
- §8-203. Application Procedures and Requirements
- §8-204. Review by County Conservation District
- §8-205. Review of Application by Others
- §8-206. Changes
- §8-207. Placards
- §8-208. Start of Construction
- §8-209. Inspection and Revocation
- §8-210. Fees
- §8-211. Enforcement
- §8-212. Appeals

Part 3 Identification of Floodplain Areas

- §8-301. Identification
- §8-302. Description of Floodplain Areas
- §8-303. Changes in Identification of Area
- §8-304. Boundary Disputes

Part 4 Technical Provisions

- §8-401. General
- §8-402. Special Requirements for FW, FE and FA Areas
- §8-403. Elevation and Floodproofing Requirements
- §8-404. Design and Construction Standards
- §8-405. Development Which May Endanger Human Life
- §8-406. Special Requirements for Manufactured Homes

Part 5

Activities Requiring Special Permits

- §8-501. General
- §8-502. Application Requirements for Special Permits
- §8-503. Application Review Procedures
- §8-504. Special Technical Requirements

Part 6

Existing Structures in Identified Floodplain Areas

- §8-601. Existing Structures
- §8-602. Improvements

Part 7

Variances

- §8-701. General
- §8-702. Variance Procedures and Conditions

Part 8

Definitions

- §8-801. General
- §8-802. Specific Definitions

Part 1**General Provisions****§8-101. Intent.**

The intent of this Chapter is to:

- A. Promote the general health, welfare and safety of the community.
- B. Encourage the utilization of appropriate construction practices in order to prevent or minimize flood damage in the future.
- C. Minimize danger to public health by protecting water supply and natural drainage.
- D. Reduce financial burdens imposed on the community, its governmental units, and its residents, by preventing excessive development in areas subject to flooding.
- E. Comply with Federal and State floodplain management requirements.

(*Ord. 1963, 3/23/1998, §1.00*)

§8-102. Applicability.

1. It shall be unlawful for any person, partnership, business or corporation to undertake, or cause to be undertaken, any construction or development anywhere within the Township of Ross unless a building permit has been obtained from the Building Code Official. [*Ord. 2288*]

2. A building permit shall not be required for minor repairs to existing buildings or structures.

(*Ord. 1963, 3/23/1998, §1.01; as amended by Ord. 2288, 4/12/2010*)

§8-103. Abrogation and Greater Restrictions.

This Chapter supersedes any other conflicting provisions which may be in effect in identified floodplain areas. However, any other ordinance provisions shall remain in full force and effect to the extent that those provisions are more restrictive. If there is any conflict between any of the provisions of this Chapter, the more restrictive shall apply.

(*Ord. 1963, 3/23/1998, §1.02*)

§8-104. Warning and Disclaimer of Liability.

1. The degree of flood protection sought by the provisions of this Chapter is considered reasonable for regulatory purposes and is based on acceptable engineering methods of study. Larger floods may occur. Flood heights may be increased by man-made or natural causes, such as ice jams and bridge openings restricted by debris. This Chapter does not imply that areas outside any identified floodplain areas, or that land uses permitted within such areas, will be free from flooding or flood damages.

2. This Chapter shall not create liability on the part of the Township of Ross or any officer or employee thereof for any flood damages that result from reliance on this Chapter or any administrative decision lawfully made thereunder.

(Ord. 1963, 3/23/1998, §1.03)

Part 2**Administration****§8-201. Building Permits Required.**

Building permits shall be required before any construction or development is undertaken within any area of Ross Township.

(*Ord. 1963, 3/23/1998, §2.00*)

§8-202. Issuance of Building Permit.

1. The Building Code Official shall issue a building permit only after it has been determined that the proposed work to be undertaken will be in conformance with the requirements of this and all other applicable codes and ordinances.

2. Prior to the issuance of any building permit, the Building Code Official shall review the application for the permit to determine if all other necessary government permits required by State and Federal laws have been obtained, such as those required by the Pennsylvania Sewage Facilities Act, 35 P.S. §750.1 *et seq.*, the Pennsylvania Dam Safety and Encroachments Act, 32 P.S. §693.1 *et seq.*, the Pennsylvania Clean Streams Act, 35 P.S. §691.1 *et seq.*, and the U.S. Clean Water Act, §404, 33 U.S.C. §1344. No permit shall be issued until this determination has been made.

3. No encroachment, alteration or improvement of any kind shall be made to any watercourse until all adjacent municipalities which may be affected by such action have been notified by the Township and until all required permits or approvals have been first obtained from the Department of Environmental Protection, Regional Office.

4. In addition, the Federal Insurance Administrator and Pennsylvania Department of Community and Economic Development, shall be notified by the Township prior to any alteration or relocation of any watercourse.

(*Ord. 1963, 3/23/1998, §2.01; as amended by Ord. 2288, 4/12/2010*)

§8-203. Application Procedures and Requirements.

1. Application for such a building permit shall be made, in writing, to the Building Code Official on forms supplied by Ross Township. Such application shall contain the following: [*Ord. 2288*]

- A. Name and address of applicant.
- B. Name and address of owner of land on which proposed construction is to occur.
- C. Name and address of contractor.
- D. Site location.
- E. Listing of other permits required.
- F. Brief description of proposed work and estimated cost.
- G. A plan of the site showing the exact size and location of the proposed construction as well as any existing buildings or structures.

2. If any proposed construction or development is located entirely or partially

within any identified floodplain area, applicants for building permits shall provide all the necessary information in sufficient detail and clarity to enable the Building Code Official to determine that: [Ord. 2288]

A. All such proposals are consistent with the need to minimize flood damage and conform with the requirements of this and all other applicable codes and ordinances.

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

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

3. Applicants shall file the following minimum information plus any other pertinent information (e.g., any or all of the technical information contained in §8-502) as may be required by the Building Code Official to make the above determination: [Ord. 2288]

A. A completed building permit application form.

B. A plan of the entire site, clearly and legibly drawn at a scale of 1 inch being equal to 100 feet or less, showing the following:

(1) North arrow, scale, and date.

(2) Topographic contour lines, if available.

(3) All property and lot lines including dimensions, and the size of the site expressed in acres or square feet.

(4) The location of all existing and proposed buildings, structures, and other improvements, including the location of any existing or proposed subdivision and land development.

(5) The location of all existing streets, drives and other accessways.

(6) The location of any existing bodies of water or watercourses, identified floodplain areas, and, if available, information pertaining to the floodway, and the flow of water including direction and velocities.

C. Plans of all proposed buildings, structures and other improvements, drawn at suitable scale showing the following:

(1) The proposed lowest flood elevation of any proposed building based upon National Geodetic Vertical Datum of 1929.

(2) The elevation of the 100-year flood.

(3) If available, information concerning flood depths, pressures, velocities, impact and uplift forces and other factors associated with a 100-year flood.

(4) Detailed information concerning any proposed floodproofing measures.

(5) Supplemental information as may be necessary under 34 Pa.Code, Chapters 401–405, as amended, and §§1612.5.1, 104.7, and 109.3 of the 2006 IBC and §§R106.1.3 and R104.7 of the 2006 IRC. [Ord. 2288]

D. The following data and documentation:

(1) A document, certified by a registered professional engineer or architect, which states that the proposed construction or development has been adequately designed to withstand the pressures, velocities, impact and uplift

forces associated with the 100-year flood.

(2) Such statement shall include a description of the type and extent of floodproofing measures which have been incorporated into the design of the structure and/or the development.

B. Detailed information needed to determine compliance with §8-404.F, “Storage,” and §8-405, “Development Which May Endanger Human Life,” including:

(1) The amount, location and purpose of any materials or substances referred to in §8-404.F and §8-405 which are intended to be used, produced, stored or otherwise maintained on site.

(2) A description of the safeguards incorporated into the design of the proposed structure to prevent leaks or spills of the dangerous materials or substances listed in §8-405 during a 100-year flood.

(3) The appropriate component of the Department of Environmental Protection's “Planning Module for Land Development.”

(4) Where any excavation of grading is proposed, a plan meeting the requirements of the Department of Environmental Protection, to implement and maintain erosion and sedimentation control.

(*Ord. 1963, 3/23/1998, §2.02; as amended by Ord. 2288, 4/12/2010*)

§8-204. Review by County Conservation District.

A copy of all applications and plans for any proposed construction or development in any identified floodplain area to be considered for approval shall be submitted by the Building Code Official to the County Conservation District for review and comment prior to the issuance of a building permit. The recommendations of the Conservation District shall be considered by the Building Code Official for possible incorporation into the proposed plan.

(*Ord. 1963, 3/23/1998, §2.03; as amended by Ord. 2288, 4/12/2010*)

§8-205. Review of Application by Others.

A copy of all plans and applications for any proposed construction or development in any identified floodplain area to be considered for approval may be submitted by the Building Code Official to any other appropriate agencies and/or individuals (e.g., Planning Commission, Township Engineer, etc.) for review and comment.

(*Ord. 1963, 3/23/1998, §2.04; as amended by Ord. 2288, 4/12/2010*)

§8-206. Changes.

After the issuance of a building permit by the Building Code Official, no changes of any kind shall be made to the application, permit or any of the plans, specifications or other documents submitted with the application without the written consent or approval of the Building Code Official. Requests for any such change shall be in writing, and shall be submitted by the applicant to the Building Code Official for consideration.

(*Ord. 1963, 3/23/1998, §2.05; as amended by Ord. 2288, 4/12/2010*)

§8-207. Placards.

In addition to the building permit, the Building Code Official shall issue a placard which shall be displayed on the premises during the time construction is in progress. This placard shall show the number of the building permit, the date of its issuance and be signed by the Building Code Official.

(*Ord. 1963, 3/23/1998, §2.06; as amended by Ord. 2288, 4/12/2010*)

§8-208. Start of Construction.

1. Work on the proposed construction and/or development shall begin within 6 months and shall be completed within 12 months after the date of issuance of the building permit or the permit shall expire unless a time extension is granted, in writing, by the Building Code Official. Construction and/or development shall be considered to have started with the preparation of land, land clearing, grading, filling, excavation of basement, footings, piers, or foundations, erection of temporary forms, the installation of piling under proposed subsurface footings, or the installation of sewer, gas and water pipes, or electrical or other service lines from the street.

2. Time extensions shall be granted only if a written request is submitted by the applicant, which sets forth sufficient and reasonable cause for the Building Code Official to approve such a request.

(*Ord. 1963, 3/23/1998, §2.07; as amended by Ord. 2288, 4/12/2010*)

§8-209. Inspection and Revocation.

1. During the construction period, the Building Code Official or other authorized official shall inspect the premises to determine that the work is progressing in compliance with the information provided on the permit application and with all applicable municipal laws and ordinances. He shall make as many inspections during and upon completion of the work as are necessary. [*Ord. 2288*]

2. In the discharge of his duties, the Building Code Official shall have the authority to enter any building, structure, premises or development in the identified floodplain area, upon presentation of proper credentials, at any reasonable hour to enforce the provisions of this Chapter. [*Ord. 2288*]

3. In the event the Building Code Official discovers that the work does not comply with the permit application or any applicable laws and ordinances, or that there has been a false statement or misrepresentation by any applicant, the Building Code Official shall revoke the building permit and report such fact to the Board of Commissioners for whatever action it considers necessary. [*Ord. 2288*]

4. A record of all such inspections and violations of this Chapter shall be maintained.

5. The requirements of 34 Pa.Code, Chapters 401–405, and the 2006 IBC, §§109.3.3, 1612.5.1, 104.7 and 103.8, and the 2006 IRC, §§R106.1.3, R109.1.3, and R104.7, or latest revisions thereof pertaining to elevation certificates and record retention shall be considered. [*Ord. 2288*]

(*Ord. 1963, 3/23/1998, §2.08; as amended by Ord. 2288, 4/12/2010*)

§8-210. Fees.

Applications for a building permit shall be accompanied by a fee, payable to the Township, based upon the estimated cost of the proposed construction as determined by the Building Code Official and in an amount as established from time to time by resolution of the Board of Supervisors.

(*Ord. 1963, 3/23/1998, §2.09; as amended by Ord. 2288, 4/12/2010*)

§8-211. Enforcement.

1. *Notices.* Whenever the Building Code Official or other authorized Township representative determines that there are reasonable grounds to believe that there has been a violation of any provision of this Chapter, or of any regulation adopted pursuant thereto, the Building Code Official shall give notice of such alleged violation as hereinafter provided. Such notice shall: [*Ord. 2288*]

A. Be in writing.

B. Include a statement of the reasons for its issuance.

C. Allow a reasonable time not to exceed a period of 30 days for the performance of any act it requires.

D. Be served upon the property owner or his agent as the case may require; provided, however, that such notice or order shall be deemed to have been properly served upon such owner or agent when a copy thereof has been served with such notice by any other method authorized or required by the laws of this State.

E. Contain an outline of remedial action which, if taken, will effect compliance with the provisions of this Chapter.

2. *Penalties.* Any person who fails to comply with any or all of the requirements or provisions of this Chapter or who fails or refuses to comply with any notice, order of direction of the Building Code Official or any other authorized employee of Ross Township who shall violate any provision of this Part, upon conviction thereof, shall be sentenced to pay a fine of not more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation of this Part continues shall constitute a separate offense. In addition to the above penalties, all other actions are hereby reserved, including an action in equity for the proper enforcement of this Chapter. The imposition of a fine or penalty for any violation of, or noncompliance with, this Chapter shall not excuse the violation or noncompliance or permit it to continue and all such persons shall be required to correct or remedy such violations and noncompliances within a reasonable time. Any development initiated or any structure or building constructed, reconstructed, enlarged, altered, or relocated, in noncompliance with this Chapter may be declared by the Board of Commissioners to be a public nuisance and abatable as such. [*Ord. 2288*]

(*Ord. 1963, 3/23/1998, §2.10; as amended by Ord. 2288, 4/12/2010*)

§8-212. Appeals.

1. Any person aggrieved by any action or decision of the Building Code Official concerning the administration of the provisions of this Chapter may appeal to the Board of Commissioners. Such appeal must be filed, in writing, within 30 days after the decision or action of the Building Code Official. [*Ord. 2288*]

2. Upon receipt of such appeal the Board of Commissioners shall set a time and

place, within not less than 10 nor more than 30 days, for the purpose of considering the appeal. Notice of the time and place at which the appeal will be considered shall be given to all parties.

3. Any person aggrieved by any decision of the Board of Commissioners may seek relief therefrom by appeal to court, as provided by the laws of this Commonwealth including the Pennsylvania Flood Plain Management Act, 32 P.S. §679.101 *et seq.*

(*Ord. 1963, 3/23/1998, §2.11; as amended by Ord. 2288, 4/12/2010*)

Part 3**Identification of Floodplain Areas****§8-301. Identification.**

The identified floodplain area shall be those areas of Ross Township which are subject to the 100-year flood, as identified in the Flood Insurance Study (FIS) dated March 18, 1998, and the accompanying maps prepared for the Township of Ross by the Federal Emergency Management Agency (FEMA), or the most recent revision thereof. (Ord. 1963, 3/23/1998, §3.00)

§8-302. Description of Floodplain Areas.

The identified floodplain area shall consist of the following specific areas:

A. *FW (Floodway Area)*. The areas identified as “Floodway” in the AE Zone in the Flood Insurance Study prepared by the FEMA. The term shall also include floodway areas which have been identified in other available studies or sources of information for those floodplain areas where no floodway has been identified in the Flood Insurance Study.

B. *FF (Flood-Fringe Area)*. The remaining portions of the 100-year floodplain in those areas identified as an AE Zone in the Flood Insurance Study, where a floodway has been delineated. The basis for the outermost boundary of this area shall be the 100-year flood elevations as shown in the flood profiles contained in the Flood Insurance Study.

C. *FA (General Floodplain Area)*. The areas identified as Zone A in the FIS for which no 100-year flood elevations have been provided. When available, information from other Federal, State and other acceptable sources shall be used to determine the 100-year elevation, as well as a floodway area, if possible. When no other information is available, the 100-year flood elevation shall be determined by using a point on the boundary of the identified floodplain area which is nearest the construction site in question.

In lieu of the above, the Township may require the applicant to, determine the elevation with hydrologic and hydraulic engineering techniques. Hydrologic and hydraulic analyses shall be undertaken only by professional engineers, or others of demonstrated qualifications, who shall certify that the technical methods used correctly reflect currently accepted technical concepts. Studies, analyses, computations, etc., shall be submitted in sufficient detail to allow a thorough technical review by the Township of Ross.

(Ord. 1963, 3/23/1998, §3.01)

§8-303. Changes in Identification of Area.

The identified floodplain area may be revised or modified by the Board of Commissioners where studies or information provided by a qualified agency or person documents the need for such revision. However, prior to any such change, approval must be obtained from the Federal Insurance Administration (FIA).

(Ord. 1963, 3/23/1998, §3.02)

§8-304. Boundary Disputes.

Should a dispute concerning any identified floodplain boundary arise, an initial determination shall be made by the Township of Ross Planning Commission and any party aggrieved by this decision may appeal to the Board of Commissioners of the Township of Ross. The burden of proof shall be on the appellant.

(Ord. 1963, 3/23/1998, §3.03)

Part 4**Technical Provisions****§8-401. General.**

1. No encroachment, alteration, or improvement of any kind shall be made to any watercourse until all adjacent municipalities which may be affected by such action have been notified by the Township and until all required permits or approvals have been first obtained from the Department of Environmental Protection, Regional Office. In addition, the Federal Emergency Management Agency and Pennsylvania Department of Community Affairs and Economic Development shall be notified prior to any alteration or relocation of any watercourse. [Ord. 2288]

2. Any new construction, development, uses or activities allowed within any identified floodplain area shall be undertaken in strict compliance with the provisions contained in this Chapter and any other applicable codes, ordinances and regulations. (Ord. 1963, 3/23/1998, §4.00; as amended by Ord. 2288, 4/12/2010)

§8-402. Special Requirements for FW, FE and FA Areas.

1. With any FW (Floodway Area), the following provisions apply:

A. Any new construction, development, use, activity, or encroachment that would cause any increase in flood heights shall be prohibited.

B. No new construction or development shall be allowed unless a permit is obtained from the Department of Environmental Protection, Regional Office. [Ord. 2288]

2. Within any FE (Special Floodplain Area), no new construction or development shall be allowed unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated developments, will not increase the elevation of the 100-year flood more than 1 foot at any point.

3. Within any FA (General Floodplain Area), the following provisions apply:

A. No new construction or development shall be located within the area measured 25 feet landward from the top-of-bank of any watercourse, unless a permit is obtained from the Department of Environmental Protection, Regional Office. [Ord. 2288]

B. Any new construction or development, which would cause any increase in flood heights shall be prohibited within any floodway area.

(Ord. 1963, 3/23/1998, §4.01; as amended by Ord. 2288, 4/12/2010)

§8-403. Elevation and Floodproofing Requirements.

1. *Residential Structures.* Within any identified floodplain area, any new construction or substantial improvement of a residential structure shall have the lowest floor (including basement) elevated up to, or above, the regulatory flood elevation. The design and construction standards and specifications contained in the 2006 IBC, §§1612.4, 1603.1.6, and 3403.1, and in the 2006 IRC, §§R323.1.4, R323.2.1, and R323.2.2, and ASCE 24, §§2.4, 2.5, and Chapter 5, and 34 Pa.Code, Chapters 401–405,

as amended, shall be utilized.

2. *Nonresidential Structures.*

A. Within any identified floodplain area, any new construction or substantial improvement of a non-residential structure shall have the lowest floor (including basement) elevated up to, or above, the regulatory flood elevation, or be designed and constructed so that the space enclosed by such structure shall remain either completely or essentially dry during any flood up to that height.

B. Any nonresidential structure, or part thereof, having a lowest floor which is not elevated to at least 1½ feet above the 100-year flood elevation, shall be floodproofed in a completely or essentially dry manner in accordance with the W1 or W2 space classification standards contained in the publication entitled “Flood-Proofing Regulations” published by the U.S. Army Corps of Engineers (June 1972, as amended March 1992) or with some other equivalent, standard. All plans and specifications for such floodproofing shall be accompanied by a statement certified by a registered professional engineer or architect which states that the proposed design and methods of construction are in conformance with the above referenced standards.

C. The design and construction standards and specifications contained in the 2006 IBC, §§1603.1.2, 1603.1.6, 1605.2.2, 1606.5, 1612.5.1, and 3403.1, and ASCE 24, §2.4 and Chapter 7, and 34 Pa.Code, Chapters 401–405, as amended, shall be utilized. [Ord. 2288]

3. *Space below the Lowest Floor.*

A. Fully enclosed space below the lowest floor (including basement) is prohibited.

B. Partially enclosed space below the lowest floor (including basement) which will be used solely for the parking of a vehicle, building access, or incidental storage in an area other than a basement, shall be designed and constructed to allow for the automatic entry and exit of floodwaters for the purpose of equalizing hydrostatic forces on exterior walls. The term “partially enclosed space” also includes crawl spaces. Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or meet or exceed the following minimum criteria:

(1) A minimum of two openings having a net total area of not less than 1 square inch for every square foot of enclosed space.

(2) The bottom of all openings shall be no higher than 1 foot above grade.

(3) Openings may be equipped with screens, louvers, etc., or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

C. Consideration may be given to the requirements of 34 Pa.Code, Chapters 401–405, as amended, and the 2006 IRC, §§R323.2.2 and R323.1.4, and the 2006 IBC, §§1612.4, 1612.5, 1202.3.2 and 1202.3.3. [Ord. 2288]

4. *Accessory Structures.* Structures accessory to a principal building need not be elevated or floodproofed to remain dry, but shall comply, at a minimum, with the following requirements:

A. The structure shall not be designed or used for human habitation, but

shall be limited to the parking of vehicles, or to the storage of tools, material, and equipment related to the principal use or activity.

B. Floor area shall not exceed 600 square feet.

C. The structure will have a low damage potential.

D. The structure will be located on the site so as to cause the least obstruction to the flow of floodwaters.

E. Power lines, wiring, and outlets will be at least 1½ feet above the 100-year flood elevation.

F. Permanently affixed utility equipment and appliances such as furnaces, heaters, washers, dryers, etc., are prohibited.

G. Sanitary facilities are prohibited.

H. The structure shall be adequately anchored to prevent flotation or movement and shall be designed to automatically provide for the entry and exit of floodwaters for the purpose of equalizing hydrostatic forces on the walls. Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or meet or exceed the following minimum criteria:

(1) A minimum of two openings having a net total area of not less than 1 square inch for every square foot of enclosed space.

(2) The bottom of all openings shall be no higher than 1 foot above grade.

(3) Openings may be equipped with screens, louvers, etc., or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

(*Ord. 1963, 3/23/1998, §4.02; as amended by Ord. 2288, 4/12/2010*)

§8-404. Design and Construction Standards.

The following minimum standards shall apply for all construction and development proposed within any identified floodplain area:

A. *Fill*. If fill is used, it shall:

(1) Extend laterally at least 15 feet beyond the building lien from all points.

(2) Consist of soil and small rock materials only. Sanitary landfills shall not be permitted.

(3) Be compacted to provide the necessary permeability and resistance to erosion, scouring or settling.

(4) Be no steeper than 1 vertical to 2 horizontal feet, unless substantiated data, justifying steeper slopes, are submitted to and approved by the Building Code Official. [*Ord. 2288*]

(5) Be used to the extent to which it does not adversely affect adjacent properties. The provisions contained in the 2006 IBC, §§1801.1 and 1803.4, shall be utilized. [*Ord. 2288*]

B. *Drainage Facilities*. Storm drainage facilities shall be designed to convey the flow of stormwater runoff in a safe and efficient manner. The system shall insure proper drainage along streets, and provide positive drainage away from

buildings. The system shall also be designated to prevent the discharge of excess runoff onto adjacent properties. The provisions contained in the 2006 IBC, Appendix G401.5, shall be utilized. [Ord. 2288]

C. *Water and Sanitary Sewer Facilities and Systems.*

(1) All new or replacement water and sanitary sewer facilities and systems shall be located, designed and constructed to minimize or eliminate flood damages and the infiltration of flood waters.

(2) Sanitary sewer facilities and systems shall be designed to prevent the discharge of untreated sewage into flood waters.

(3) No part of any on-site sewage system shall be located within any identified floodplain area except in strict compliance with all State and local regulations for such systems. If any such system is permitted, it shall be located so as to avoid impairment to it, or contamination from it, during a flood.

(4) The design and construction provisions of the UCC and 34 Pa.Code, Chapters 401–405, as amended, and contained in the 2006 IBC, Appendix G, §§401.3 and 401.4, the 2006 IRC §323.1.6, the ASCE 24-98, §8.3, FEMA #348, “Protecting Building Utilities from Flood Damages,” and the International Private Sewage Disposal Code, Chapter 3, shall be utilized. [Ord. 2288]

D. *Other Utilities.* All other utilities such as gas lines, electrical and telephone systems shall be located, elevated (where possible) and constructed to minimize the chance of impairment during a flood.

E. *Streets.* The finished elevation of all new streets shall be no more than 1 foot below the regulatory flood elevation.

F. *Storage.* All materials that are buoyant, flammable, explosive or, in times of flooding, could be injurious to human, animal or plant life, and not listed in §8-405, “Development Which May Endanger Human Life,” shall be stored at or above the regulatory flood elevation and/or floodproofed to the maximum extent possible.

G. *Placement of Buildings and Structures.* All buildings and structures shall be designed, located, and constructed so as to offer the minimum obstruction to the flow of water and shall be designed to have a minimum effect upon the flow and height of flood water.

H. *Anchoring.*

(1) All buildings and structures shall be firmly anchored in accordance with accepted engineering practices to prevent flotation, collapse, or lateral movement.

(2) All air ducts, large pipes, storage tanks, and other similar objects or components located below the regulatory flood elevation shall be securely anchored or affixed to prevent flotation.

(3) The design and construction requirements of the UCC pertaining to this paragraph as referred to in 34 Pa.Code, Chapters 401–405, as amended, and contained in the 2006 IBC, §§1605.2.2, 1605.3.1.2, 1612.4, and Appendix G501.3, the 2006 IRC, §§R301.1 and R323.1.1, and ASCE 24-98, §5.6, shall be utilized. [Ord. 2288]

I. *Floors, Walls and Ceilings.*

(1) Wood flooring used at or below the regulatory flood elevation shall be installed to accommodate a lateral expansion of the flooring, perpendicular to the flooring grain without causing structural damage to the building.

(2) Plywood used at or below the regulatory flood elevation shall be of a “marine” or “water-resistant” variety.

(3) Walls and ceilings at or below the regulatory flood elevation shall be designed and constructed of materials that are “water-resistant” and will withstand inundation.

(4) Windows, doors, and other components at or below the regulatory flood elevation shall be made of metal or other “water-resistant” material.

(5) The provisions of the UCC pertaining to this paragraph and referenced in 34 Pa.Code, Chapters 401–405, as amended, and contained in the 2006 IBC, §§801.1.3, 1403.2, 1403.4, 1403.6, and 1404.2, the 2006 IRC, §§R323.1.7 and R501.3, and ASCE 24-98, Chapter 6. [*Ord. 2288*]

J. *Paints and Adhesives.*

(1) Paints and other finishes used at or below the regulatory flood elevation shall be of a “marine” or “water-resistant” quality.

(2) Adhesives used at or below the regulatory flood elevation shall be of a “marine” or “water-resistant” variety.

(3) All wooden components (doors, trim, cabinets, etc.) shall be finished with a “marine” or “water-resistant” paint or other finishing material.

(4) The standards and specifications contained in 34 Pa.Code, Chapters 401–405, as amended, the 2006 IBC, §§801.1.3, 1403.7, and Appendix G, and the 2006 IRC, §R323.1.7. [*Ord. 2288*]

K. *Electrical Components.*

(1) Electrical distribution panels shall be at least three (3) feet above the 100-year flood elevation.

(2) Separate electrical circuits shall serve lower levels and shall be dropped from above.

(3) The provisions pertaining to the above provisions and referenced in the UCC and 34 Pa.Code, Chapters 401–405, as amended, and contained in the 2006 IBC, §1612.4, the 2006 IRC, §R323.1.5, the 2006 IFGC, §§R301.5 and R1601.3.8, and ASCE 24, Chapter 8, shall be utilized. [*Ord. 2288*]

L. *Equipment.*

(1) Water heaters, furnaces, air conditioning and ventilating units, and other electrical, mechanical or utility equipment or apparatus shall not be located below the regulatory flood elevation.

(2) The provisions pertaining to the above provisions and referenced in the UCC and 34 Pa.Code, Chapters 401–405, as amended, and contained in the 2006 IBC, §1612.4, the 2006 IRC, §R323.1.5, the 2006 IFGC, §§R301.5 and R1601.3.8, and ASCE 24, Chapter 8, shall be utilized. [*Ord. 2288*]

M. *Fuel Supply Systems.* All gas and oil supply systems shall be designed to

prevent the infiltration of flood waters into the system and discharges from the system into flood waters. Additional provisions shall be made for the drainage of these systems in the event that flood water infiltration occurs.

N. *Uniform Construction Coordination.* The standards and specifications contained in 34 Pa.Code, Chapters 401–405, as amended, and not limited to the following provisions shall apply to the above and all other parts and sections of this Chapter, to the extent that they are more restrictive and/or supplement the requirements of this Chapter:

(1) *International Building Code (IBC) 2006*, or the latest edition thereof: §§801, 1202, 1403, 1603, 1605, 1612, 3402, and Appendix G.

(2) *International Residential Building Code (IRC) 2006*, or the latest edition thereof: §§R104, R105, R109, R323, Appendix AE101, Appendix E, and Appendix J.

[*Ord. 2288*]

(*Ord. 1963, 3/23/1998, §4.03; as amended by Ord. 2288, 4/12/2010*)

§8-405. Development Which May Endanger Human Life.

1. In accordance with the Pennsylvania Flood Plain Management Act, and the regulations adopted by the Department of Community and Economic Development, 32 P.S. §679.101 *et seq.*, as required by the Act, any new or substantially improved structure which: [*Ord. 2288*]

A. Will be used for the production or storage of any of the following dangerous materials or substances.

B. Will be used for any activity requiring the maintenance of a supply of more than 550 gallons or other comparable volume, of any of the following dangerous materials or substances on the premises.

C. Will involve the production, storage, or use of any amount of radioactive substances.

Shall be subject to the provisions of this Section, in addition to all other applicable provisions. The following list of materials and substances are considered dangerous to human life.

- (1) Acetone.
- (2) Ammonia.
- (3) Benzene.
- (4) Calcium carbide.
- (5) Carbon disulfide.
- (6) Celluloid.
- (7) Chlorine.
- (8) Hydrochloric acid.
- (9) Hydrocyanic acid.
- (10) Magnesium.
- (11) Nitric acid and oxides of nitrogen.

(12) Petroleum products (gasoline, fuel oil, etc.)

(13) Phosphorus.

(14) Potassium.

(15) Sodium.

(16) Sulphur and sulphur products.

(17) Pesticides (including insecticides, fungicides, and rodenticides).

(18) Radioactive substances, insofar as such substances are not otherwise regulated.

B. Within any FW (Floodway Area), any structure of the kind described in subsection .A, above, shall be prohibited.

C. Within any FE (Special Floodplain Area) or FA (General Floodplain Area), any new or substantially improved structure of the kind described in subsection .A above, shall be prohibited within the area measured 50 feet landward from the top-to-bank of any watercourse.

D. Where permitted within any floodplain area, any new or substantially improved structure of the kind described in subsection .A, above, shall be:

(1) Elevated or designed and constructed to remain completely dry up to at least 1½ feet above the 100-year flood.

(2) Designed to prevent pollution from the structure or activity during the course of a 100-year flood.

Any such structure, or part thereof, that will be built below the regulatory flood elevation shall be designed and constructed in accordance with the standards for completely dry floodproofing contained in the publication “Flood-Proofing Regulations” (U.S. Army Corps of Engineers, June 1972 as amended March 1992), or with some other equivalent watertight standard.

(*Ord. 1963, 3/23/1998, §4.04; as amended by Ord. 2288, 4/12/2010*)

§8-406. Special Requirements for Manufactured Homes.

1. Within any FW (Floodway Area), manufactured homes shall be prohibited.

2. Within any FA (General Floodplain Area) or FE (Special Floodplain Area), manufactured homes shall be prohibited within the area measured 50 feet landward from the top-of-bank of any watercourse.

3. Where permitted within any floodplain area, all manufactured homes, and any improvements thereto, shall be:

A. Placed on a permanent foundation.

B. Elevated so that the lowest floor of the manufactured home is 1½ feet or more above the elevation of the 100-year flood.

C. Anchored to resist flotation, collapse, or lateral movement.

4. Installation of manufactured homes shall be done in accordance with the manufacturers’ installation instructions as provided by the manufacturer. Where the applicant cannot provide the above information, the requirements of Appendix E of the 2006 International Residential Building Code or the U.S. Department of Housing and Urban Development’s Permanent Foundations for Manufactured Housing, 1984

Edition, draft or latest revision thereto, shall apply and 34 Pa.Code, Chapters 401–405. [Ord. 2288]

5. Consideration shall be given to the installation requirements of 2006 IBC, Appendix G, §501.1-3, and the 2006 IRC, §§R323.2, R323.3, R102.7.1, R105.3.1.1, and Appendix AE101, 604 and 605, or the most recent revisions thereto, and 34 Pa.Code, Chapters 401–405, as amended, where appropriate and/or applicable to units where the manufacturers' standards for anchoring can not be provided or were not established for the units proposed installation. [Ord. 2288]

(Ord. 1963, 3/23/1998, §4.05; as amended by Ord. 2288, 4/12/2010)

Part 5**Activities Requiring Special Permits****§8-501. General.**

In accordance with the administrative regulations promulgated by the Department of Community and Economic Development to implement the Pennsylvania Flood Plain Management Act, the following activities shall be prohibited within any identified floodplain area unless a special permit has been issued by the Township of Ross: [*Ord. 2288*]

A. The commencement of any of the following activities; or the construction, enlargement, or expansion of any structure used, or intended to be used, for any of the following activities:

- (1) Hospitals.
- (2) Nursing homes.
- (3) Jails or prisons.

B. The commencement of, or any construction of, a new manufactured home park or manufactured home subdivision, or substantial improvement to an existing manufactured home park or manufactured home subdivision.

(*Ord. 1963, 3/23/1998, §5.00; as amended by Ord. 2288, 4/12/2010*)

§8-502. Application Requirements for Special Permits.

Applicants for special permits shall provide five copies of the following items:

- A. A written requires including a completed building permit application form.
- B. A small scale map showing the vicinity in which the proposed site is located.
- C. A plan of the entire site, clearly and legibly drawn at a scale of 1 inch being equal to 100 feet or less, showing the following:
 - (1) North arrow, scale and date.
 - (2) Topography based upon the National Geodetic Vertical Datum of 1929, showing existing and proposed contours at intervals of 2 feet.
 - (3) All property and lot lines including dimensions, and the size of the site expressed in acres or square feet.
 - (4) The location of all existing streets, drives, other accessways, and parking areas, with information concerning widths, pavement types and construction, and elevations.
 - (5) The location of any existing bodies of water or watercourses, buildings, structures and other public or private facilities, including railroad tracks and facilities, and any other natural and man-made features affecting, or affected by, the proposed activity or development.
 - (6) The location of the floodplain boundary line, information and spot elevations concerning the 100-year flood elevations, and information

concerning the flow of water including direction and velocities.

(7) The location of all proposed buildings, structures, utilities, and any other improvements.

(8) Any other information which the municipality considers necessary for adequate review of the application.

D. Plans of all proposed buildings, structures and other improvements, clearly and legibly drawn at suitable scale showing the following:

(1) Sufficiently detailed architectural or engineering drawings, including floor plans, sections, and exterior building elevations, as appropriate.

(2) For any proposed building, the elevation of the lowest floor (including basement) and, as required, the elevation of any other floor.

(3) Complete information concerning flood depths, pressures, velocities, impact and uplift forces, and other factors associated with the 100-year flood.

(4) Detailed information concerning any proposed floodproofing measures.

(5) Cross-section drawings for all proposed streets, drives, other accessways, and parking areas, showing all rights-of-way and pavement widths.

(6) Profile drawings for all proposed streets, drives and vehicular accessways including existing and proposed grades.

(7) Plans and profiles of all proposed sanitary and storm sewer systems, water supply systems, and any other utilities and facilities.

E. The following data and documentation:

(1) Certification from the applicant that the site upon which the activity or development is proposed is an existing separate and single parcel, owned by the applicant or the client he represents.

(2) Certification from a registered professional engineer, architect, or landscape architect that the proposed construction has been adequately designed to protect against damage from the 100-year flood.

(3) A statement, certified by a registered professional engineer, architect, landscape architect, or other qualified person which contains a complete and accurate description of the nature and extent of pollution that might possibly occur from the development during the course of a 100-year flood, including a statement concerning the effects such pollution may have on human life.

(4) A statement, certified by a registered professional engineer, architect, or landscape architect, which contains a complete and accurate description of the effects the proposed development will have on 100-year flood elevations and flows.

(5) A statement, certified by a registered professional engineer, architect, or landscape architect, which contains a complete and accurate description of the kinds and amounts of any loose buoyant materials or debris that may possibly exist or be located on the site below the 100-year flood elevation and the effects such materials and debris may have on 100-year flood elevations and flows.

(6) The appropriate component of the Department of Environmental

Protection's "Planning Module for Land Development."

(7) Where any excavation or grading is proposed, a plan meeting the requirements of the Department of Environmental Protection to implement and maintain erosion and sedimentation control.

(8) Any other applicable permits such as, but not limited to, a permit for any activity regulated by the Department of Environmental Protection under §302 of Act 1978-166, 32 P.S. §679.302.

(9) An evacuation plan which fully explains the manner in which the site will be safely evacuated before or during the course of a 100-year flood.

(*Ord. 1963, 3/23/1998, §5.01*)

§8-503. Application Review Procedures.

Upon receipt of an application for a special permit by the Township of Ross, the following procedures shall apply in addition to those of Part 2:

A. Within 3 working days following receipt of the application, a complete copy of the application and all accompanying documentation shall be forwarded to the County Planning Commission by registered or certified mail for its review and recommendations. Copies of the application shall also be forwarded to the Ross Township Planning Commission and the Township Engineer for review and comment.

B. If any application is received that is incomplete, the Township shall notify the applicant in writing, stating in what respect the application is deficient.

C. If the Township decides to disapprove an application, it shall notify the applicant, in writing, of the reasons for the disapproval.

D. If the Township approves an application, it shall file written notification, together with the application and all pertinent information, with the Department of Community Affairs, by registered or certified mail, within 5 working days after the date of approval.

E. Before issuing the special permit, the Township shall allow the Department of Community and Economic Development 30 days, after receipt of the notification by the Department, to review the application and decision made by the Township. [*Ord. 2288*]

F. If the Township does not receive any communication from the Department of Community and Economic Development during the 30 day review period, it may issue a special permit to the applicant. [*Ord. 2288*]

G. If the Department of Community and Economic Development should decide to disapprove an application, it shall notify the Township and the applicant, in writing, of the reasons for the disapproval, and the Township shall not issue the special permit. [*Ord. 2288*]

(*Ord. 1963, 3/23/1998, §5.02; as amended by Ord. 2288, 4/12/2010*)

§8-504. Special Technical Requirements.

1. In addition to the requirements of Part 4 of this Chapter, the following minimum requirements shall also apply to any proposed development requiring a

special permit. If there is any conflict between any of the following requirements and those in Part 4 of this Chapter or in any other code, ordinance, or regulation, the more restrictive provisions shall apply.

2. No application for a special permit shall be approved unless it can be determined that the structure or activity will be located, constructed and maintained in a manner which will:

A. Fully protect the health and safety of the general public and any occupants of the structure. At a minimum, all new structures shall be designed, located, and constructed so that:

(1) The structure will survive inundation by waters of the 100-year flood without any lateral movement or damage to either the structure itself, or to any of its equipment or contents below the 100-year flood elevation.

(2) The lowest floor (including basement) elevation will be at least 1½ feet above the 100-year flood elevation.

(3) The occupants of the structure can remain inside for an indefinite period of time and be safely evacuated at any time during the 100-year flood.

B. Prevent any significant possibility of pollution, increased flood levels or flows, or debris endangering life and property.

All hydrologic and hydraulic analyses shall be undertaken only by professional engineers or others of demonstrated qualifications, who shall certify that the technical methods used correctly reflect currently accepted technical concepts. Studies, analyses, computations, etc. shall be submitted in sufficient detail to allow a thorough technical review by the Township and the Department of Community and Economic Development. [Ord. 2288]

(Ord. 1963, 3/23/1998, §5.03; as amended by Ord. 2288, 4/12/2010)

Part 6**Existing Structures in Identified Floodplain Areas****§8-601. Existing Structures.**

The provisions of this Chapter do not require any changes or improvements to be made to lawfully existing structures. However, when an improvement is made to any existing structure, the provisions of §8-602 shall apply.

(*Ord. 1963, 3/23/1998, §6.00*)

§8-602. Improvements.

1. The following provisions shall apply whenever any improvement is made to an existing structure located within any identified floodplain area:

A. No expansion or enlargement of an existing structure shall be allowed within any floodway area that would cause any increase in the elevation of the 100-year flood.

B. Any modification, alteration, reconstruction, or improvement, of any kind to an existing structure, to an extent or amount of 50 percent or more of its market value, shall constitute a substantial improvement and shall be undertaken only in full compliance with the provisions of this Chapter.

C. Any modification, alteration, reconstruction, or improvement of any kind to an existing structure, to an extent or amount of less than 50 percent of its market value, shall be elevated and/or floodproofed to the greatest extent possible.

2. The above activity shall also address the requirements of 34 Pa.Code, Chapters 401–405, as amended, and the 2006 IBC, §§3402.1 and 1612.4, and the 2006 IRC, §§R105.3.1.1 and R323.1.4. [*Ord. 2288*]

3. The requirements of 34 Pa.Code, Chapters 401–405, as amended, and the 2006 IRC, §§R102.7.1, R105.3.1, R105.3.1.1, and Appendices E and J, or the latest revision thereof, and the 2006 IBC, §§101.3, 3403.1, and Appendix G or the latest revision thereof, shall also be utilized in conjunction with the provisions of this Section. [*Ord. 2288*]

(*Ord. 1963, 3/23/1998, §6.01; as amended by Ord. 2288, 4/12/2010*)

Part 7**Variances****§8-701. General.**

If compliance with any of the requirements of this Chapter would result in an exceptional hardship to a prospective building, developer or landowner, the Township may, upon request, grant relief from the strict application of the requirements.

(*Ord. 1963, 3/23/1998, §7.00*)

§8-702. Variance Procedures and Conditions.

Requests for variances shall be considered by the Township in accordance with the procedures contained in §8-212 and the following:

A. No variance shall be granted for any construction, development, use or activity within any floodway area that would cause any increase in the 100-year flood elevation.

B. Except for a possible modification of the 1½ foot freeboard requirement involved, no variance shall be granted for any of the other requirements pertaining specifically to development regulated by special permit (Part 5) or to development which may endanger human life (§8-405).

C. If granted, a variance shall involve only the least modification necessary to provide relief.

D. In granting any variance, the Township shall attach whatever reasonable conditions and safeguards it considers necessary in order to protect the public health, safety, and welfare, and to achieve the objectives of this Chapter.

E. Whenever a variance is granted, the Township shall notify the applicant in writing that:

(1) The granting of the variance may result in increased premium rates for flood insurance.

(2) Such variances may increase the risks to life and property.

F. In reviewing any request for a variance, the Township shall consider, at a minimum, the following:

(1) That there is good and sufficient cause.

(2) That failure to grant the variance would result in exceptional hardship to the applicant.

(3) That the granting of the variance will (a) neither result in an unacceptable or prohibited increase in flood heights, additional threats to public safety, or extraordinary public expense, (b) nor create nuisances, cause fraud on, or victimize the public, or conflict with any other applicable state or local ordinances and regulations.

G. A complete record of all variance requests and related actions shall be maintained by the Township. In addition, a report of all variances granted during the year shall be included in the annual report to the Federal Insurance

Administration.

Notwithstanding any of the above, however, all structures shall be designed and constructed so as to have the capability of resisting the 100-year flood.

(Ord. 1963, 3/23/1998, §7.01)

Part 8**Definitions****§8-801. General.**

Unless specifically defined below, words and phrases used in this Chapter shall be interpreted so as to give this Chapter its most reasonable application.

(Ord. 1963, 3/23/1998, §8.00)

§8-802. Specific Definitions.

Accessory use or structure - a use or structure on the same lot with, and of a nature customarily incidental and subordinate to, the principal use of structure.

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

Building - a combination of materials to form a permanent structure having walls and a roof. Included shall be all manufactured homes and trailers to be used for human habitation.

Completely dry space - a space which will remain totally dry during flooding; the structure is designed and constructed to prevent the passage of water and water vapor. Development - any man-made change to improved or unimproved real estate including, but not limited to, the construction, reconstruction, renovation, repair, expansion, or alteration of buildings or other structures; the placement of manufactured homes; streets, and other paving; utilities; filling, grading and excavation; mining; dredging; drilling operations; storage of equipment or materials; and the subdivision of land.

Essentially dry space - a space which will remain dry during flooding, except for the passage of some water vapor or minor seepage; the structure is substantially impermeable to the passage of water.

Flood - a temporary inundation of normally dry land areas.

Floodplain area - a relatively flat or low land area which is subject to partial or complete inundation from an adjoining or nearby stream, river or watercourse; and/or any area subject to the unusual and rapid accumulation of surface waters from any source.

Floodproofing - any combination of structural and nonstructural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.

Floodway - the designated area of a floodplain required to carry and discharge flood waters of a given magnitude. For the purposes of this Chapter, the floodway shall be capable of accommodating a flood of the 100-year magnitude.

Historic structure - any structure that is:

- A. Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on 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 interior.

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

(1) By an approved state program as determined by the Secretary of the Interior.

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

Identified floodplain area - the floodplain area specifically identified in this Chapter as being inundated by the 100-year flood.

Land development - any of the following activities:

A. The improvement of one lot or two or more contiguous lots, tracts, or parcels of land for any purpose involving:

(1) A group of two or more residential or nonresidential buildings, whether proposed initially or cumulatively, or a single nonresidential building on a lot or lots regardless of the number of occupants or tenure.

(2) The division or allocation of land or space, whether initially or cumulatively, between or among two or more existing or prospective occupants by means of, or for the purpose of streets, common areas, leaseholds, condominiums, building groups or other features.

B. A subdivision of land.

Lowest floor - the lowest floor of the lowest fully enclosed area (including basement). An unfinished, flood resistant partially enclosed area, used solely for parking of vehicles, building access, and incidental storage, in an area other than a basement area is not considered the lowest floor of a building, provided that such space is not designated and built so that the structure is in violation of the applicable non-elevation design requirements of this Chapter.

Manufactured home - a transportable, single-family dwelling intended for permanent occupancy, office, or place of assembly, contained in one or more sections, built on a permanent chassis, which arrives at a site completed and ready for occupancy except for minor and incidental unpacking and assembly operations, and constructed so that it may be used with or without a permanent foundation. The term includes park trailers, travel trailers, recreational and other similar vehicles which are placed on a site for more than 180 consecutive days.

Manufactured home park - a parcel of land under single ownership, which has been planned and improved for the placement of two or more manufactured homes for nontransient use.

Minor repair - the replacement of existing work with equivalent materials for the purpose of its routine maintenance and upkeep, but not including the cutting away of

any wall, partition or portion thereof, the removal or cutting of any structural beam or bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the exit-way requirements; nor shall minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, oil, waste, vent, or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

New construction - structures for which the start of construction commenced on or after December 12, 1979, and includes any subsequent improvements thereto.

One hundred year flood - a flood that, on the average, is likely to occur once every 100-years (i.e., that has 1 percent chance of occurring each year, although the flood may occur in any year).

Person - an individual, partnership, public or private association or corporation, firm, trust, estate, municipality, governmental unit, public utility or any other legal entity whatsoever, which is recognized by law as the subject of rights and duties.

Recreational vehicle - a vehicle which is (A) built on a single chassis; (B) not more than 400 square feet, measured at the largest horizontal projections; (C) designed to be self-propelled or permanently towable by a light-duty truck; (D) not designed for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Regulatory flood elevation - the 100-year flood elevation plus a freeboard safety factor of 1½ feet.

Special permit - a special approval which is required for hospitals, nursing homes, jails, and new manufactured home parks and subdivisions and substantial improvements to such existing parks, when such development is located in all, or a designated portion of a floodplain.

Structure - anything constructed or erected on the ground or attached to the ground including, but not limited to buildings, sheds, manufactured homes, and other similar items.

Subdivision - the division or redivision of a lot, tract, or parcel of land by any means into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines for the purpose, whether immediate or future, of lease, partition by the court for distribution to heirs, or devisees, transfer of ownership or building or lot development; provided, however, that the subdivision by lease of land for agricultural purposes into parcels of more than 10 acres, not involving any new street or easement of access or any residential dwelling, shall be exempted.

Substantial damage - damage from any cause sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent or more of the market value of the structure before the damage occurred.

Substantial improvement - any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the "start of construction" of the improvement. This term includes structures which have incurred "substantial damage" regardless of the actual repair work performed. The term does not, however, include either:

- A. Any project for improvement of a structure to correct existing violations

of State or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living condition.

B. Any alteration of a “historic structure,” provided that the alteration will not preclude the structure's continued designation as a “historic structure.”

Uniform Construction Code (UCC) - the statewide building code adopted by the Pennsylvania General Assembly in 1999 applicable to new construction in all municipalities whether administered by the municipality, a third party or the Department of Labor and Industry. Applicable residential and commercial buildings, the code adopted the International Residential Code (IRC) and the International Building Code (IBC), by reference, as the construction standard applicable with the Commonwealth floodplain construction. For coordination purposes, references to the above are made specifically to various sections of the IRC and the IBC. [Ord. 2288] (Ord. 1963, 3/23/1998, §8.01; as amended by Ord. 2288, 4/12/2010)