

## **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 General Technical Requirements**

- §8-401. General
- §8-402. Design and Construction Standards
- §8-403. Development Which May Endanger Human Life
- §8-404. 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. Definitions

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**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. 9/5/1989, 9/5/1989, §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 unless a building permit has been obtained from the Building Permit Officer.

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

*(Ord. 9/5/1989, 9/5/1989, §1.01)*

**§8-103. Abrogation and Greater Restrictions.**

This Chapter supersedes any other conflicting provision 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. 9/5/1989, 9/5/1989, §1.02)*

**§8-104. Warning and Disclaimer of Liability.**

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 cause, such as ice jams and bridge openings restricted by debris. This Chapter does not imply that areas outside any identified floodplain area, or that land uses permitted within such areas will be free from flooding or flood damages. This Chapter shall not create liability on the part of the Township 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. 9/5/1989, 9/5/1989, §1.03)*

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

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

(*Ord. 9/5/1989, 9/5/1989, §2.00*)

**§8-202. Issuance of Building Permit.**

1. The Building Permit Officer 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 Permit Officer shall review the application for 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.*; 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. 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. 2010-2*]

(*Ord. 9/5/1989, 9/5/1989, §2.01; as amended by Ord. 2010-2, 11/3/2010*)

**§8-203. Application Procedures and Requirements.**

1. Application for such a building permit shall be made, in writing, to the Building Permit Officer on forms supplied by the Township. Such application shall contain the following:

- 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 Permit Officer to determine that:

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 §8-504) as may be required by the Building Permit Officer to make the above determination:

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 floor 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.

D. The following data and documentation:

(1) Detailed information needed to determine compliance with §8-402.F, "Storage," and §8-403, "Development Which May Endanger Human Life," including:

(a) The amount, location and purpose of any dangerous materials or substances which are intended to be used, produced, stored or otherwise maintained on site.

(b) 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 §8-403 during a 100-year flood.

(2) The appropriate component of the Department of Environmental Protection's "Planning Module for Land Development." [Ord. 2010-2]

(3) 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. 2010-2]

(Ord. 9/5/1989, 9/5/1989, §2.02; as amended by Ord. 2010-2, 11/3/2010)

#### **§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 Permit Officer 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 Permit Officer for possible incorporation into the proposed plan.

(Ord. 9/5/1989, 9/5/1989, §2.03)

#### **§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 Permit Officer to any other appropriate agencies and/or individuals (e.g., Planning Commission, Township Engineer, etc.) for review and comment.

(Ord. 9/5/1989, 9/5/1989, §2.04)

#### **§8-206. Changes.**

After the issuance of a building permit by the Building Permit Officer, 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 Permit Officer. Requests for any such change shall be in writing, and shall be submitted by the applicant to Building Permit Officer for consideration.

(Ord. 9/5/1989, 9/5/1989, §2.05)

#### **§8-207. Placards.**

In addition to the building permit, the Building Permit Officer 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 Permit Officer.

(Ord. 9/5/1989, 9/5/1989, §2.06)

#### **§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 Permit Officer. 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 Permit Officer to approve such a request.

(Ord. 9/5/1989, 9/5/1989, §2.07)

### **§8-209. Inspection and Revocation.**

1. During the construction period, the Building Permit Officer 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.

2. In the discharge of his duties, the Building Permit Officer shall have the authority to enter any building, structure, premises or development in the identified flood-prone area, upon presentation of proper credentials, at any reasonable hour to enforce the provisions of this Chapter.

3. In the event the Building Permit Officer 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 Permit Officer shall revoke the building permit and report such fact to the Board of Supervisors for whatever action it considers necessary.

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

(Ord. 9/5/1989, 9/5/1989, §2.08)

### **§8-210. Fees.**

[Blank in enrolled copy of Ordinance].

(Ord. 9/5/1989, 9/5/1989, §2.09)

### **§8-211. Enforcement.**

1. *Notices.* Whenever the Building Permit Officer or other authorized Township representative determines that there are reasonable grounds to believe that there has been a violation of any provisions of this Chapter, or of any regulation adopted pursuant thereto, the Building Permit Officer shall give notice of such alleged violation as hereinafter provided. Such notice shall (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, firm or corporation who shall violate any provision of this Chapter or who fails or refuses to comply with any notice, order of direction of the Building Permit Officer or any other authorized employee of the Township, upon conviction thereof in an action brought before a magisterial district judge in the manner provided for the enforcement of summary offenses under the Pennsylvania Rules of Criminal Procedure, 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 90 days. Each day that a violation of this Part continues or each Section of this Part which shall be found to have been violated 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 Supervisors to be a public nuisance and abatable as such. [*Ord. 2010-2*]

(*Ord. 9/5/1989, 9/5/1989, §2.10; as amended by Ord. 2010-2, 11/3/2010*)

#### **§8-212. Appeals.**

1. Any person aggrieved by an action or decision of the Building Permit Officer concerning the administration of the provisions of this Chapter, may appeal to the Board of Supervisors. Such appeal must be filed, in writing, within 30 days after the decision or action of the Building Permit Officer.

2. Upon receipt of such appeal the Board of Supervisors 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 Supervisors 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. 9/5/1989, 9/5/1989, §2.11*)



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

The identified floodplain area shall be those areas of Washington Township which are subject to the 100-year flood, as shown on the Flood Insurance Rate Map (FIRM) which accompanies the Flood Insurance Study (FIS) prepared for the Township by the Federal Emergency Management Agency (FEMA), dated November 3, 1989, or the most recent revision thereof.

(Ord. 9/5/1989, 9/5/1989, §3.00)

**§8-302. Description of Floodplain Areas.**

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

A. The AE Area shall be those areas identified as an AE Zone on the FIRM included in the FIS prepared by FEMA and for which 100-year flood elevations have been provided in the FIS.

B. The A Area shall be those areas identified as an A Zone on the FIRM included in the FIS prepared by FEMA and for which no 100-year flood elevations have been provided. For these areas, elevations and floodway information from other Federal, State, or other acceptable source shall be used when available. Where other acceptable information is not available, the elevation shall be determined by using the elevation of a point on the boundary of the identified floodplain area which is nearest the construction site. In lieu of the above, the Township may require the application to determine the elevation with hydraulic and hydraulic engineering techniques. Hydraulic 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 to sufficient detail to allow a thorough technical review by the Township.

(Ord. 9/5/1989, 9/5/1989, §3.01)

**§8-303. Changes in Identification of Area.**

The identified floodplain area may be revised or modified by the Board of Supervisors 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. 9/5/1989, 9/5/1989, §3.02)

**§8-304. Boundary Disputes.**

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

*(Ord. 9/5/1989, 9/5/1989, §3.03)*

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

1. In the identified floodplain area, the development and/or use of any land shall be permitted provided that the development and/or use complies with the restrictions and requirements of this and all other applicable codes and ordinances in force in the Township.

2. Within any floodway area, no new construction or development shall be permitted that would cause any increase in the 100-year flood elevation. Within any AE Area, no new construction or development shall be permitted unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the elevation of the 100-year flood more than 1 foot at any point.

3. Within any identified floodplain area, no new construction or development shall be located within the area measured 50 feet landward from the top-of-bank of any watercourse, unless a permit is obtained from the Department of Environmental Protection. [*Ord. 2010-2*]

4. Within any identified floodplain area, the elevation of the lowest floor (including basement) of any new or substantially improved residential structure shall be 1½ feet or more above the 100-year flood elevation.

5. A. Within any identified floodplain area, the elevation of the lowest floor (including basement) of any new or substantially improved nonresidential structure shall be 1½ feet or more above the 100-year flood elevation or be floodproofed up to that height.

B. Any nonresidential structure, or part thereof, having a lowest floor (including basement) 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), 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.

6. Enclosed areas below the lowest floor (including basement) are prohibited. (*Ord. 9/5/1989, 9/5/1989, §4.00; as amended by Ord. 2010-2, 11/3/2010*)

**§8-402. 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 line from all

points.

(2) Consist of soil or 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 Permit Officer.

(5) Be used to the extent to which it does not adversely affect adjacent properties.

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 designed to prevent the discharge of excess runoff onto adjacent properties.

C. *Water and Sanitary Sewer Facilities and System:*

(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.

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 §8-403, "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 structure 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.

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.

J. *Paints and Adhesives.*

(1) Paints or other finishes used at or below the regulatory flood elevation shall be of “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.

K. *Electrical Components.*

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

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

L. *Equipment.* Water heaters, furnaces, air conditioning and ventilating units, and other mechanical or utility equipment or apparatus shall not be located below the regulatory flood elevation.

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.

(*Ord. 9/5/1989, 9/5/1989, §4.01*)

**§8-403. Development Which May Endanger Human Life.**

1. In accordance with the Pennsylvania Flood Plain Management Act 32 P.S. §679.101 *et seq.*, and the regulations adopted by the Department of Community and Economic Development as required by the Act, any new or substantially improved structure which: [*Ord. 2010-2*]

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

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; or,

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.

2. Within any identified floodplain area, any new or substantially improved structure of the kind described in subsection .1., above, shall be prohibited within the area measured 50 feet landward from the top-of-bank of any watercourse.

3. Where permitted within any identified floodplain area, any new or substantially improved structure of the kind described in subsection .1., above, shall be:

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

B. 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), or with some other equivalent watertight standard.

(Ord. 9/5/1989, 9/5/1989, §4.02; as amended by Ord. 2010-2, 11/3/2010)



**§8-404. Special Requirements for Manufactured Homes.**

1. Within any identified floodplain area, all manufactured homes and any additions thereto shall be prohibited within the area measured 50 feet landward from the top-of-bank of any watercourse.

2. Where permitted within any identified floodplain area, all manufactured homes and additions 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.

(Ord. 9/5/1989, 9/5/1989, §4.03)



**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, 32 P.S. §679.101 *et seq.*, the following activities shall be prohibited within any identified floodplain area unless a special permit has been issued by the Township: [*Ord. 2010-2*]

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. 9/5/1989, 9/5/1989, §5.00; as amended by Ord. 2010-2, 11/3/2010*)

**§8-502. Application Requirements for Special Permits.**

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

- A. A written request 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 concern-

ing 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." [Ord. 2010-2]

(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. [Ord. 2010-2]

(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 the Flood Plain Management Act, 32 P.S. §679.101 *et seq.* [Ord. 2010-2]

(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. 9/5/1989, 9/5/1989, §5.01; as amended by Ord. 2010-2, 11/3/2010)

### **§8-503. Application Review Procedures.**

Upon receipt of an application for a special permit by the Township 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 Township Planning Commission and Township Engineer for review and comment.

B. If an 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 and Economic Development, by registered or certified mail, within 5 working days after the date of approval. [Ord. 2010-2]

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. 2010-2]

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. 2010-2]

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. 2010-2]

(Ord. 9/5/1989, 9/5/1989, §5.02; as amended by Ord. 2010-2, 11/3/2010)

### **§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 provision shall apply.

2. No application for a 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 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. 2010-2*]

(*Ord. 9/5/1989, 9/5/1989, §5.03; as amended by Ord. 2010-2, 11/3/2010*)

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**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. 9/5/1989, 9/5/1989, §6.00)*

**§8-602. Improvements.**

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.

*(Ord. 9/5/1989, 9/5/1989, §6.01)*





**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 builder, developer or landowner, the Township may, upon request, grant relief from the strict application of the requirements.

*(Ord. 9/5/1989, 9/5/1989, §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. 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 (§8-403).

B. 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.

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.

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*(Ord. 9/5/1989, 9/5/1989, §7.01)*



**Part 8****Definitions**

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**§8-802. Definitions.**

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*Manufactured home park*—a parcel (or contiguous parcels) of land which has been planned and improved for the placement of two or more manufactured homes.

*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 exitway requirements; nor shall minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

*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).

*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 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, 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 residential dwellings shall be exempted.

*Substantial improvement*—any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either, (A) before the improvement or repair is started, or (B) if the structure

has been damaged, and is being restored, before the damage occurred.

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*(Ord. 9/5/1989, 9/5/1989, §8.01)*