

FLOODPLAIN MANAGEMENT RESOLUTION OF

THE CITY OF ANN ARBOR, MICHIGAN

WHEREAS, the City of Ann Arbor desires to continue to participate in the National Flood Insurance Program and comply with all applicable statutory and regulatory requirements for the purposes of significantly reducing hazards to persons, property damage and public expenditures, and to provide for the availability of flood insurance and federal funds or loans.

IT IS RESOLVED THAT:

1. For purposes of this resolution, the following definitions shall apply:

"Base Flood" means the flood having a one-percent chance of being equalled or exceeded in any given year.

"Flood" or "Flooding" means a general and temporary condition of partial or complete inundation of normally dry land areas from:

- (1) The overflow of inland or tidal waters.
- (2) The unusual and rapid accumulation or runoff of surface waters from any source.
- (3) The collapse or subsidence of land along the shore of a lake or other body of water as a result of undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm or by an unanticipated force of nature, such as a flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding.

"Flood Hazard Boundary Map" FHBM means an official map of a community, issued by the Federal Emergency Management Agency where the boundaries of the areas of special flood hazards have been designated as Zone A.

"Flood Hazard Area" means land which on the basis of available floodplain information is subject to a one-percent or greater chance of flooding in any given year.

"Flood Insurance Rate Map (FIRM)" means an official map of a community, on which the Federal Emergency Management Agency has delineated both the areas of special flood hazards and the risk premium zones applicable to the community.

"Flood Insurance Study" is the official report provided by FEMA. The report contains flood profiles, the water surface elevation of the base flood, and may include a Flood Boundary - Floodway Map.

"Floodplain" means any land area susceptible to being inundated by water from any source (see definition of flood).

"Floodway" means the channel of a river or other watercourse and the adjacent land areas which must be reserved in order to discharge the base flood.

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

"Substantial Improvement" means 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, (1) before the improvement or repair is started, or (2) if the structure has been damaged and is being restored, before the damage occurred. For the purposes of this definition, "substantial improvement" is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structures. The term does not, however, include either (1) any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications which are solely necessary to assure safe living conditions, or (2) any alteration of a structure listed on the National Register of Historic Places or a State Inventory of Historic Places.

2. The Building Official shall obtain, review, and reasonably utilize flood elevation data available from federal, state, or other sources pending receipt of data from the Federal Emergency Management Agency. The most recent flood elevation data received from the Federal Emergency Management Agency shall take precedence over data from other sources.
- 2a. The map(s) entitled (Flood Hazard Boundary Map or Flood Insurance Rate Map of the City of Ann Arbor, Washtenaw County, dated January 2, 1992 shall be the official map for determinations and regulation pursuant to this resolution.

3. The Building Official shall insure that all necessary permits have been issued, including a floodplain permit, approval, or letter of no authority from the Michigan Department of Natural Resources under authority of Act 245, P.A. 1929, as amended by Act 167, P.A. 1968.
4. The Building Official shall review all permit applications to determine whether the proposed building will be reasonably safe from flooding. Where it is determined that the building will be located in an area subject to flooding as identified in Section 2, the Building Official shall implement the appropriate portions of Section 2102.0-Flood Resistant Construction of the 1987 edition of the BOCA Basic/National Building Code; or the appropriate flood resistant construction standards in succeeding editions of the BOCA Basic/National Building Code.
5. The Building Official shall maintain a record for new structures or substantial improvements erected in the flood hazard area indicating the actual elevation of the lowest structural member required to be elevated or as an alternative in nonresidential structures, the elevation to which the structure has been floodproofed.

~~3107.0 (1993 BOCA)~~

~~1996~~
Michigan Building Code - 2000

I hereby certify that the foregoing resolution was adopted by the Council of the City of Ann Arbor, Michigan, at its regular session of November 18, 1991, held in the City Hall Council Chamber.

November 19, 1991



Janet L. Chapin, Deputy City Clerk