



# FLOOD PROOFING CERTIFICATE

(For Structures located within Special Flood Hazard Areas (SFHA))  
In The Unincorporated Areas of Hamilton County, Ohio)

The Hamilton County Planning & Development Department Floodplain Management Division requires per section 4.1.3, 4.2.2 & 4.2.3 of the Hamilton County Flood Damage Prevention Regulations, that the undersigned, do hereby certify the flood proofing of a structure may be permitted as an alternative to elevating to or above the Base Flood Elevation: however, a floodproofing design certification is required. This form is to be used for that certification. Flood proofing of a structure does not alter a community's floodplain management elevation requirements or affect the insurance rating unless the community has been issued an exception by FEMA.

Property Owner's Name

Book-Page-Parcel# of Structure location

Street Address of Floodproofed Structure

Building Application Number

City, State & Zip Code

Township

Phone

E-mail

**Provide the following from the proper FIRM:**

Community Number: \_\_\_\_\_

FIRM Zone: \_\_\_\_\_

Panel Number: \_\_\_\_\_

Base Flood Elevation (BFE): \_\_\_\_\_

Suffix: \_\_\_\_\_ Date or FIRM Index: \_\_\_\_\_

Effective Date: \_\_\_\_\_

**Flood Proofing Design Elevation Information:**

Building(s) and/or structure(s) are flood proofed up to an elevation of \_\_\_\_\_ feet NGVD. (Elevation datum used must be the same as that on the FIRM.) **(Note: per Hamilton County Flood Damage Prevention Regulations, the building's or structures flood proofed design elevation must be at least one foot above the Base Flood Elevation (BFE) to insure proper compliance.)**

**Flood Proofed Construction Certification:**

I certify based upon development and/or review of structural design, specification and plans for construction, the design and methods of construction are in accordance with accepted standards of practice for meeting the flooding provisions; that the proposed development is designed and adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy; Be constructed with materials resistant to flood damage; Be constructed by methods and practices that minimize flood damages; and Be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within such components during conditions of flooding.

Structures with their lowest floor (including basement) is elevated one foot above the base flood to the flood protection elevation using pilings, columns, posts or solid foundation perimeter walls with openings sufficient to allow unimpeded movement of flood water; fully enclosed areas below the lowest floor that are useable solely for the parking of vehicles, building access or storage in an area other than a basement and which are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing of the entry and exit of flood waters. Designs for meeting this requirement must be certified by a registered professional engineer or architect and meet or exceed the following criteria: A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided. The bottom of all openings shall be no higher than one foot above building grade. Openings may be equipped with screens, louvers, valves, or other covering or devices provided that they permit the automatic entry and exit of flood waters. Openings that are provided are recommended to not be placed within the same wall as the others.

Signature of Engineer/Architect

Date

Professional Seal

**NOTE:** This form should be completed by a professional engineer or architect and returned to the Hamilton County Department of Planning & Developments Floodplain Management Division Floodplain Administrator. It may be used by the property owner to certify that the completed construction meets the flood proofing standards of the HCFDPR and NFIP/FEMA standards for the same. A FEMA "ELEVATION CERTIFICATE" must be submitted and used to record as-built lowest floor flood elevation data.