

**APACHE COUNTY, ARIZONA  
FLOOD HAZARD DEVELOPMENT PERMIT APPLICATION  
RESIDENTIAL AND NON-RESIDENTIAL**

Owner/ Applicant name:

Mailing Address:

Telephone:

Description of Flood Plain Development:

Apache County Parcel Number:

Legal description or other address to indicate location of applicable property:

Special conditions and uses adjoining this property that lend favor to the acceptance of this request:

The following must be attached as part of this application:

1. A check for \$250.00 to cover the cost of the application fee. The application cannot be processed without payment of the fee.
2. Engineered-Sealed Plans in duplicate and drawn to scale showing the complete property described in this application with its dimensions, location (physical address as well as Township, Range, Section, etc.) and the Assessor's Parcel Number. Also include:
  - a) Topography of the area in question
  - b) Location of existing or proposed structures and development fill, storage of materials, and drainage facilities.
  - c) Proposed elevation of lowest floor and machinery, in relation to mean sea level, to be one foot above **BFE (Base Floor Elevation)**
  - d) Proposed elevation in relation to mean sea level to which any structure will be flood-proofed. (Note: Only residential structures used solely for parking, access or storage can be wet floodproofed. All other residential structures must be elevated. Commercial structures can be dry-floodproofed in lieu of elevation provided the requirements found in FEMA Technical Bulletin #3 are met).

- c) All attendant utility and sanitary facilities are elevated at least one foot above the Base Floor Elevation. **(See Apache County Flood Ordinance 5.3)**
  - f) Buildings constructed with a crawlspace must provide flood openings to allow for automatic entry and exit of floodwaters. All openings to be included in plan set and are to be located so that the bottom of each opening is within 12" of grade.
  - g) Detached accessory structures and attached garages used solely for parking, access, or storage can be flood-vented in lieu of elevation. Portions of building constructed below **RFE, (Regulatory Flood Elevation)** shall be constructed with flood resistant materials.
  - h) All buildings must be adequately anchored to resist flotation, collapse, or lateral movement.
3. Certification from a professional engineer on plan set, that all new and replacement water supply and sanitary sewage are designed to minimize or eliminate infiltration of flood waters into the system and discharge from systems into flood waters. Further, show that on-site waste disposal systems are located to avoid impairment to them or contamination from them during flooding. Note: Water disposal systems shall not be installed wholly or partially in a floodway including laterals, mains, treatment facilities and disposal areas.

#### **FLOODWAY ENCROACHMENT**

4. Located within the special flood hazard areas established in Section **3.2** are areas designated as floodways. Since the floodway is an extremely hazardous area due to the velocity of floodwaters which carry debris, potential projectiles and erosion potential, the following provisions apply:
- A. Prohibit encroachments, including fill, new construction, substantial improvements and other development, unless certification by a registered professional engineer or architect is provided demonstrating that encroachments shall not result in any increase in flood levels during the occurrence of the base flood discharge.
  - B. If Section **5.7** is satisfied, all new construction and substantial improvements shall comply with all other applicable flood hazard reduction provisions of Section **5.0**.

#### **COMMERCIAL STRUCTURES**

5. Commercial construction, new or substantial improvement, shall show on the plan set the lowest floor, including basement, is elevated to or above the Regulatory Flood Elevation. In lieu of elevation, non-residential construction can be dry-floodproofed but it must meet the requirements outlined in FEMA Technical Bulletin #3. **(TB-3)**

## RESIDENTIAL STRUCTURES

6. Residential construction, new or substantial improvement, shall show on plan set the lowest floor, including basement is elevated to or above the Regulatory Flood Elevation.
  - A. In a Zone AO, the Base Flood Elevation is determined from the FIRM panel. If unspecified, the required elevation is at minimum two (2) feet above highest adjacent grade.
  - B. In a Zone A where the Base Flood Elevation has not been determined, the Base Flood Elevation is determined locally by the criteria set out in Section 4.2.3.
  - C. In Zones AE and AH, the Base Flood Elevation is determined from FIS and/or FIRM.

A garage attached to a residential structure, constructed with the garage floor slab below the Regulatory Flood Elevation, must be designed to allow for the automatic entry and exit of flood waters. See Section 5.1.3.5 (A) or (B).

## MANUFACTURED HOMES

7. The installation of a manufactured home shall be shown on the plan set to have the bottom of the structural frame be elevated 1' above the BFE (**Base Flood Elevation**).

## FINISHED CONSTRUCTION ELEVATION CERTIFICATE

8. Upon completion of construction, prior to occupancy, provide a Finished Construction FEMA Elevation Certificate, together with photos, signed by a professional Engineer of Surveyor.

# Apache County Use Only

## FLOOD HAZARD PERMIT CHECK OFF LIST

Date \_\_\_\_\_

APPLICATION # RECEIVED \_\_\_\_\_

FLOOD ZONE \_\_\_\_\_

BASE FLOOD ELEVATION \_\_\_\_\_

REGULATORY FLOOD ELEVATION \_\_\_\_\_

FLOODWAY    YES             NO

MANUFACTURED HOME    YES     NO

FOUNDATION TYPE \_\_\_\_\_

SUBSTANTIAL IMPROVEMENT / DAMAGE:

MARKET VALUE: \$ \_\_\_\_\_

IMPROVEMENT %: \_\_\_\_\_

NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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