



# **Floodplain Development**

## **Permit Application**

City of Jonesboro, AR

This is an application packet for a Floodplain Development Permit. Certain sections are to be completed by the Applicant, and certain sections are to be completed by the City Engineer who serves as the local Floodplain Administrator (FPA).

The National Flood Insurance Program (NFIP) provides flood insurance to individuals at much lower premiums than could otherwise be purchased through private insurers, and makes certain federal monies available to local communities. In order for citizens to be eligible for the national flood insurance rates, or for communities to receive certain kinds of federal monies, the community must agree to meet minimum floodplain standards. This application packet is a tool to ensure that the minimum standards are met.

In a participating NFIP community, flood insurance policies can be purchased from any local insurance agent at the national rate. Even though the policy may be issued as if it were coming from the insurance company you deal with, it is actually a Federal NFIP policy printed on the insurance agency's letterhead. The rates are determined by the flood risk zone in which you live and by the elevation of the lowest floor of your home, not by the insurance company, and should be the same regardless of which agent or agency sells you the insurance.

You may buy flood insurance for your own peace of mind, you may be required to buy it before a lending institution will make or refinance a loan, or you may not be buying flood insurance at all. Whatever the case, if the property which you propose to develop is located within a "Special Flood Hazard Area" you **MUST** obtain a Floodplain Development Permit prior to beginning the project. This is a requirement of the Stormwater Management Regulations of your community, and there are penalties for failing to do so.

If you are proposing a development of any kind (constructing a new building, adding on to an existing building, clearing land, placing fill, grading land, mining, dredging, drilling, etc...) in a floodplain, you **MUST** submit Section I of this application for a Floodplain Development Permit. Depending upon the type of development you are proposing, additional forms *may* be required. For example, all new buildings in a Special Flood Hazard Area require an Elevation Certificate to document that the lowest floor of the building is elevated to a certain height relative to the anticipated flood crest of the "base flood" event. The Elevation Certificate and other forms are provided in Section III of this application packet, ***but should only be completed if they are required by the FPA for the proposed development.***

Typically, the Applicant completes Section I of this packet and submits the information to the local FPA. The FPA reviews the submission and determines whether or not additional information is needed. If it is, the FPA will request the additional information from the Applicant. Once all required materials have been submitted, the FPA will make a permitting decision and either issue or deny the requested Floodplain Development Permit. (Denied permits may be appealed per the provisions of the Stormwater Management Regulations.)

The Applicant should understand that a Floodplain Development Permit is only a permit to complete the proposed development. It is a permit to, for example, build a house, construct a baseball field, install a drainage ditch or septic system or grade a parcel of land. Before the house can actually be occupied, or the developed land used, a Compliance Certificate must be issued by the local FPA. The FPA will perform an inspection after the project is completed, or perhaps several inspections throughout the progress of the project, to make sure that the development is compliant with the requirements of the Stormwater Management Regulations.



# **INSTRUCTIONS FOR COMPLETION**

## **SECTION I**

### General Information

Self-explanatory. Note the last two items under this heading.

### Owner Information

List the contact information for the owner(s) of the property where development is proposed. All owners of the property must sign the application.

### Applicant Information

If you are applying for this development permit, but are not the owner of the property, list your contact information here. If you are the property owner, leave this section blank.

### Project Information

Check the box(es) beside the type of development that is being proposed. Note that some types of activity require the estimated cost of the proposed project to be disclosed so the Floodplain Administrator (FPA) can determine whether or not the improvement is a "substantial improvement."

### Signature

Print your name, sign your name, and date the application.

## **SECTION II**

### Floodplain Information

The FPA will determine – for the sole purpose of administering the Stormwater Management Regulations – the position of the proposed development relative to community floodplains and floodways. This determination is not binding at any lending institution or with any insurance agency, but is used to determine whether or not a Floodplain Development Permit and/or any other forms are required prior to commencing the proposed project.

Section II requires a map and panel number(s), a listing of the flood source for the proposed development, and contains a checklist of additional documents required for the FPA to make an informed permitting decision.

If any of the additional documentation is required, the FPA is to notify the applicant, allow a reasonable length of time for submission of the documents, and then review all submissions to determine whether or not the permit will be issued.

## **SECTION III**

### Forms

Templates for forms that may be required are provided in this Section.

## **SECTION IV**

### Permit Determination

The FPA will indicate whether or not the proposed development is conformant with the requirements of the Stormwater Management Regulations, and whether or not the requested permit is issued. If the decision is to NOT issue the permit, the FPA will provide an explanation of the perceived deficiencies to the Applicant.

## **SECTION V**

### Certificate of Compliance

The FPA will indicate the "As-Built" lowest floor elevation for structural developments, list any inspections that have been performed, and issue the Certificate of Compliance to the Applicant if appropriate.

# **FLOODPLAIN DEVELOPMENT PERMIT** **APPLICATION FORM**

OFFICE USE ONLY

Date Received: \_\_\_\_\_

File Number: \_\_\_\_\_

## **SECTION I: Applicant and Project Information**

### **GENERAL INFORMATION**

1. No work of any kind may begin in a floodplain area designated as A, A1-30, AE, AO, AH, or B until a floodplain development permit is issued.
2. The permit may be revoked if any false statements are made in this application.
3. If revoked, all work must cease until a permit is re-issued.
4. The development may not be used or occupied until a **Certificate of Compliance** is issued.
5. The permit will expire if no work is commenced within 1-year of the date of issue.
6. The permit will not be issued until any other necessary local, state or federal permits have been obtained.
7. By signing and submitting this application, the Applicant gives consent to the local Floodplain Administrator or his/her representative to make reasonable inspections prior to the issuance of a **Certificate of Compliance**.
8. By signing and submitting this application, the Applicant certifies that all statements contained in SECTION I of the application, and in any additional attachments submitted by the Applicant, are true and accurate.

### **OWNER INFORMATION**

Telephone number: 870-930-4938

Fax number: 870-933-8532

E-mail address: james@bestandbestleasing.com

Signature(s) of property owner(s) listed above<sup>1</sup>

James Best

<sup>1</sup>Attached forms if there are additional property owners. This permit application will not be accepted without the signature of all property owners. The signature is an acknowledgement and consent to this floodplain development permit application.

### **APPLICANT INFORMATION**

Applicant: James Best

Notes:

Telephone number: 870-930-4938

Fax number: 870-933-8532

Signature of applicant listed above

James Best



**PROJECT INFORMATION**

Project \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_

Lot \_\_\_\_\_ Block \_\_\_\_\_  
 Subdivision \_\_\_\_\_  
 Legal Description (Attach to this document)

**A. Structural development** (Please check all that apply.)**Type of Structure**

- ☐ Residential (1 to 4 families)  
☐ Residential (More than 4 families)  
☒ Non-Residential  
     ☒ Elevated  
     ☐ Floodproofed  
☐ Combined Use (Residential and Non-Residential)  
☐ Manufactured (mobile) Home  
     ☐ Located within a Manufactured Home Park  
     ☐ Located outside a Manufactured Home Park

**Type of Structural Activity**

- ☒ New Structure  
☐ Addition to Existing Structure<sup>2</sup>  
☐ Alteration of Existing Structure<sup>2</sup>  
☐ Relocation of Existing Structure<sup>2</sup>  
☐ Demolition of Existing Structure  
☐ Replacement of Existing Structure

<sup>2</sup>Estimate Cost of Project \$1,000,000.00**B. Other Development Activities**

- ☐ Excavation (not related to a Structural Development listed in Part A.)  
☐ Clearing  
☒ Placement of fill material  
☒ Grading  
☐ Mining  
☐ Drilling  
☐ Dredging  
☐ Watercourse alteration  
☒ Drainage improvement (including culvert work)  
☐ Individual water or sewer system  
☐ Roadway or bridge construction  
☐ Other development not listed above (specify) \_\_\_\_\_

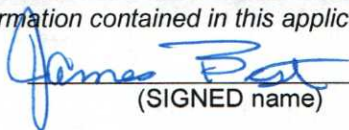
<sup>2</sup>If the value of an addition or alteration to a Structure equals or exceeds 50% of the value of the structure before the addition or alteration, the entire structure must be treated as a substantially improved structure. A relocated structure must be treated as new construction.

**SIGNATURE**

I certify that to the best of my knowledge the information contained in this application is true and accurate.

James Best

(PRINTED name)



(SIGNED name)

07-12-17

(Date)

**SECTION II: (To be completed by Floodplain Administrator)****FLOOD INFORMATION**

1. The proposed development is located on FIRM map panel: \_\_\_\_\_ (number and suffix)
2. The date on the FIRM is \_\_\_\_\_
3. The proposed development is located in Zone: \_\_\_\_\_ (A, A1-30, AE, AO, AH, B, C, D, or X)
4. Is the proposed development located in either of the following zones? A, A1-30, AE, AO, AH, B, or shaded X  
☐ YES ☐ NO *If NO, no permit floodplain development is required.*

5. If the proposed development is located in Zone B or shaded Zone X, a floodplain development permit is only required if the Development is a "critical facility" as defined in the Stormwater Management Regulations.

***Otherwise, no floodplain development permit is required in Zone B or shaded Zone X.***

6. If the proposed development is located within either Zone A1-30 or Zone AE, is it also located within a "regulatory floodway"? ☐ YES ☐ NO
7. If YES, a **No Rise Certificate** is necessary before proceeding.
8. If NO, continue.

***If the proposed development is located within Zones A, A1-30, AE, AO, AH, B or shaded X (critical facilities only), apply the criteria of the Stormwater Management Regulations to minimize flood damages to the proposed Development and to adjacent properties as well.***

For structures, the provisions of the ordinance specify that the lowest floor, including utilities, be elevated above the base flood elevation. Therefore, it is necessary that the following information be provided:

1. Base flood elevation at the site: \_\_\_\_\_ feet above mean sea level (MSL)
2. Vertical datum used in the Flood Insurance Study, on flood maps and in surveys is \_\_\_\_\_
3. Source of the base flood elevation (BFE) ☐ FIRM (flood map)  
☐ Flood Insurance Study Profile # \_\_\_\_\_  
☐ Other sources of the BFE (specify): \_\_\_\_\_
4. Proposed lowest floor elevation (including utilities): \_\_\_\_\_ feet above MSL  
(This elevation must be greater than the BFE. For non-residential structures, floodproofing may be used for protection. See ordinance for details.)

The following documents may be required.

***Check applicable.***

- ☐ Maps and plans of the development
- ☐ An **Elevation Certificate**<sup>3</sup> – required for all structures
- ☐ A **Floodproofing Certificate**<sup>3</sup> – required if floodproofing a non-residential structure
- ☐ A **No-Rise Certificate**<sup>3</sup> – if the proposed development is in a "regulatory floodway"
- ☐ An elevation study showing BFEs on developments exceeding 50 lots or 5 acres in Zone A
- ☐ A copy of **Wetlands Permit** from the U.S. Army Corps of Engineers if required; and other local, state, federal permits. Other permits: \_\_\_\_\_

**Certificates require completion by a Professional Land Surveyor or Registered Professional Engineer, as indicated.**



**SECTION III : (Forms which may be required by the Floodplain Administrator)****ELEVATION CERTIFICATE**

Attached. *Submit only if required to do so by the Floodplain Administrator.*

**FLOODPROOFING CERTIFICATE**

Attached. *Submit only if required to do so by the Floodplain Administrator.*

**NO-RISE CERTIFICATE**

Attached. *Submit only if required to do so by the Floodplain Administrator.*

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

# FLOODPROOFING CERTIFICATE

## FOR NON-RESIDENTIAL STRUCTURES

The floodproofing of non-residential buildings 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. Floodproofing of a residential building 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 to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

BUILDING OWNER'S NAME

STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg number) OR P.O. ROUTE AND BOX NUMBER

OTHER DESCRIPTION (lot and Block Numbers, etc)

FOR INSURANCE COMPANY USE

POLICY NUMBER

COMPANY NAIC NUMBER

CITY

STATE

ZIP CODE

### SECTION I – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION (In AO Zones, Use Depth)

### SECTION II – FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

**Floodproofing Design Elevation Information:**

Building is floodproofed to an elevation of \_\_\_\_\_ Feet NGVD. (Elevation datum used must be the same as that on the FIRM)

Height of floodproofing on the building above the lowest adjacent grade is \_\_\_\_\_ feet.

(NOTE: for insurance rating purposes, the building's floodproofed design elevation must be at least one foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

### SECTION III – CERTIFICATION (By a Registered Professional Engineer or Architect)

**Non-Residential Floodproofed Construction Certification:**

*I certify that, based upon development and/or review of structural design, specifications, and plans for construction, the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:*

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

*I certify that the information on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

CERTIFYER'S NAME	LICENSE NUMBER (or Affix Seal)		
TITLE	COMPANY NAME		
ADDRESS	CITY	STATE	ZIP CODE
SIGNATURE	DATE	PHONE	

Copies should be made of this Certificate for : 1) community official, 2) Insurance agent/company, and 3) building owner.



NATIONAL FLOOD INSURANCE PROGRAM

# **ENGINEERING "NO-RISE" CERTIFICATE**

**FOR ARKANSAS COMMUNITIES**

SITE INFORMATION			
Community _____	County _____		
Applicant _____	Date _____		
Address _____	<div style="display: flex; justify-content: space-between; padding: 0 10px;"><div style="width: 45%;">Engineer _____</div><div style="width: 55%;">_____</div></div> <div style="display: flex; justify-content: space-between; padding: 0 10px;"><div style="width: 45%;">Address _____</div><div style="width: 55%;">_____</div></div> <div style="display: flex; justify-content: space-between; padding: 0 10px;"><div style="width: 45%;">Telephone _____</div><div style="width: 55%;">_____</div></div>		
Telephone _____			
Project Address _____	Lot _____	Block _____	
_____	Subdivision _____	_____	
_____	Legal Description _____	_____	

PROJECT INFORMATION	
Description of Development:	_____
Principal Use of Premises:	_____

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION	
NFIP map(s) and panel(s) affected:	_____
Effective date of map:	_____
Base Flood Elevation on FIRM:	_____
Name of flooding source:	_____

CERTIFICATION	
<p>This is to certify that I am a duly qualified Professional Engineer licensed to practice in the State of Arkansas. I further certify that the attached engineering data supports the fact the proposed development described above will not create any increase in the base flood heights during the occurrence of the base flood discharge (100-year flood) at published cross sections listed in the Flood Insurance Study for the above community dated _____ and will not create any increase to the 100-year flood elevations at unpublished cross-section in the vicinity of the proposed development.</p>	
_____ CERTIFIER'S NAME	_____ LICENSE NUMBER
_____ COMPANY NAME	(embossed seal)
_____ SIGNATURE	_____ DATE
_____ TITLE	



**FLOODPLAIN DEVELOPMENT PERMIT**  
**DETERMINATION**

OFFICE USE ONLY

Date Issued: \_\_\_\_\_

File Number : \_\_\_\_\_

**SECTION IV : (To be completed by the Floodplain Administrator)**

**PERMIT DETERMINATION**

I have determined that the proposed development

- ☐ IS  
☐ IS NOT *(non-conformances to be described in a separate document)*

in conformance with local Stormwater Management Regulations.

The Floodplain Development Permit

- ☐ IS  
☐ IS NOT *(reasons for denial to be described in a separate document)*

issued, subject to any conditions attached to and made part of this permit.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

*The applicant is reminded that this document is a development permit only. An inspection must be performed and a Compliance Certificate must be issued before the development can be occupied or used.*

## **CERTIFICATE OF COMPLIANCE**

OFFICE USE ONLY

Date Issued: \_\_\_\_\_

File Number: \_\_\_\_\_

### **SECTION V : CERTIFICATE OF COMPLIANCE**

#### **"AS-BUILT" ELEVATION (to be completed by the applicant after construction)**

*The following information must be provided for structures that are part of this application. This section must be completed by a Professional Land Surveyor or a Professional Engineer (or attach a certification to this application).*

- (1) The Actual ("As-Built") elevation of the top of the lowest floor, including the basement, is \_\_\_\_\_ Feet above MSL (vertical datum: \_\_\_\_\_).
- (2) The Actual ("As-Built") elevation of floodproofing is \_\_\_\_\_ Feet above MSL (vertical datum: \_\_\_\_\_).

#### **COMPLIANCE ACTION (to be completed by the Local Floodplain Administrator)**

*The Floodplain Administrator will complete this section as applicable based on inspection of the development to ensure compliance with the community's local flood damage prevention ordinance.*

Inspections:	Date: _____	By: _____	Deficiencies?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Date: _____	By: _____	Deficiencies?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Date: _____	By: _____	Deficiencies?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Date: _____	By: _____	Deficiencies?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Date: _____	By: _____	Deficiencies?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

#### **CERTIFICATE OF COMPLIANCE (to be completed by the Local Floodplain Administrator)**

Certificate of Compliance issued.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

*This Certificate of Compliance indicates that structures may now be occupied and non-structural developments may be utilized.*





## ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.				Company NAIC Number:	
City		State		ZIP Code	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)					
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983					
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.					
A7. Building Diagram Number _____					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) _____ sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____					
c) Total net area of flood openings in A8.b _____ sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage _____ sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____					
c) Total net area of flood openings in A9.b _____ sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No					
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number			B2. County Name		B3. State
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					