

DETERMINATION OF BASE FLOOD ELEVATION FORM

Copy all pages of this Determination and all attachments for (1) community official, (2) building owner.

| SECTION A – PROPERTY INFORMATION | | | | FOR COUNTY USE ONLY | |
|--|------------|---------------------|--|---------------------|-------------------|
| A1. Building/Site Owner's Name | | | | Permit Number: | |
| A2. Building/Site Street Address | | | | Date of Submittal: | |
| City | State | ZIP Code | | | |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) | | | | | |
| A4. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 | | | | | |
| 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. Indicate elevation datum used for on FIRM Panel in Item B7: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ | | | | | |
| SECTION C – SOURCE OF BASE FLOOD ELEVATION DATA | | | | | |
| C1. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item E3. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> LOMA, LOMR, Federal, State, or Local Determination (Attach Copy) <input type="checkbox"/> Other (Complete Section D) | | | | | |
| SECTION D – METHOD OF DETERMINATION FOR APPROXIMATE ZONE A | | | | | |
| <p><i>The below methods of determination are those listed and described in detail in publication FEMA 265/July 1995 "Managing Floodplain Development in Approximate Zone A Areas" and any determinations submitted shall utilize a method consistent with the publication, acceptable to FEMA, and considered appropriate by the certifying engineer or surveyor (see section F).</i></p> | | | | | |
| <p>D1) SIMPLIFIED METHODS</p> <ul style="list-style-type: none"> <input type="checkbox"/> Contour Interpolation Method <input type="checkbox"/> Data Extrapolation Method <p>D2) DETAILED METHODS (Please select one item from each category)</p> <p>a) <u>Topography</u>:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Existing Topographic Maps <input type="checkbox"/> Field Survey <p>b) <u>Hydrology</u>:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Discharge Drainage Area Relationships <input type="checkbox"/> Regression Equations <input type="checkbox"/> TR-55 <input type="checkbox"/> Rational Formula <input type="checkbox"/> Other Hydrograph Methods: _____ <p>c) <u>Hydraulics</u>:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Normal Depth <input type="checkbox"/> Critical Depth <input type="checkbox"/> Step-Backwater Analysis <input type="checkbox"/> Hydraulic Structures | | | | | |

SECTION E – BASE FLOOD ELEVATION (BFE) DETERMINATION

(BFE shall be determined to within one tenth of a foot)

E1. Indicate elevation datum used for the Base Flood Elevation shown in section E3:

NGVD 1929 NAVD 1988 Other/Source: _____

E2. What is the site/location to which the determined Base Flood Elevation can be applied:

- a) The entire lot/tract described in section A3
- b) A specific building site on, or portion of, the lot/tract described in Section A3

If E2(b) is selected a detailed scaled map/survey must be attached indicating the area of the lot subject to the BFE determined.

E3. The Base Flood Elevation for the site described in section E2, determined utilizing FEMA approved methods is:

_____.____ ft

SECTION F – CERTIFICATION

This certification is to be signed and sealed by a registered engineer authorized by law to practice engineering in the State of Texas. If the source of the Base Flood Elevation in Section C is not "other", or is a finding under the "other" category supported by the "contour interpolation method" then a registered professional surveyor may sign and seal the certification instead of a registered engineer. I certify that the information on this form represents my best efforts to interpret the data available, and that the determinations herein were made in compliance with FEMA approved methodologies and standard engineering practices. . I understand that any false statement may be punishable by fine or imprisonment.

| | | | | |
|------------------|-------|----------------|-----------|-----------------------|
| Certifier's Name | | License Number | | Place Seal Here |
| Title | | | | |
| Company Name | | | | |
| Address | | | | |
| City | State | ZIP Code | | |
| Signature | | Date | Telephone | |

Comments and Attachments (One copy of the current FIRM with the subject lot/tract overlaid, a copy of any engineering studies completed in support of this determination, and a copy of any detailed map required by section E2 shall be included and listed along with any other attachments). Please list all attachments along with the number of pages of that attachment.