



City of Alamogordo

Engineering Department 1376 E. Ninth Street Alamogordo, New Mexico 88310 PH (575)439-4235 FAX (575)439-4343

FEMA-074-2022

June 17, 2022

Mike Berry
886 Caneadea
Alamogordo, NM 88310

The property located at 1762 Loma Verde., Las Lomas Subdivision, Lot:20, in Alamogordo, Otero County, New Mexico, has been located on Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for our community. The following information is based on the site plan submitted with the building permit application. The property is located in a Special Flood Hazard Area.

Alamogordo's community number: 350045
The property is located on panel number: 1180 Suffix: D
The date of the FIRM index: December 17, 2010
The property is located in FIRM zone: **AE**
The base flood elevation at the property is 4452.8, NAVD '88

Enclosed is an elevation certificate for the referenced property. A licensed surveyor, architect or engineer will need to certify the actual elevation the building is built at **and a copy of the certificate returned to this office for our records**. Development of the property will be subject to the requirements set forth in Chapter 13 Flood Damage Prevention. It is recommended that the applicant become familiar with all the provisions of Chapter 13 of the City Code and the National Flood Insurance Program regulations (44CFR60.3). Particular attention should be given to the requirements of Article 13-03-010 (b)(5) pertaining to AE zones. **The attached "Max 1' Rise" Certificate must be completed by a Registered Professional Engineer, licensed in the State of New Mexico and returned to the Engineering Department along with the completed Elevation Certificate.**

Please be advised that City Code requires written certification that the elevation of the lowest floor of the completed structure is at or above the elevation specified in Section B (block B9) of the Elevation Certificate. For non-residential structures only, flood-proofing is allowable below the required BFE or height, following FEMA requirements for flood-proofing (Publication P-936). A flood-proofing certificate, certified by a registered professional engineer or architect, will be required along with the Elevation Certificate. Given the above requirements, it is strongly recommended that you have the surveyor who will be completing Section C of the Elevation Certificate check the elevation of your concrete forms before you pour any concrete.

NOTE: This information is based on the current FEMA Flood Insurance Rate Map for the city. This letter does not imply that the referenced property will or will not be free from flooding or damage. A property not in a Special Flood Hazard Area may be damaged by a flood greater than that predicted on the FIRM or from a local drainage problem not shown on the map. The sole purpose of providing the above information is to assist you in complying with the requirements of Chapter 13, Flood Damage Prevention, of the City Code and to advise you about the availability of flood insurance. This letter does not create liability on the part of the city, or any officer or employee thereof, for any damage that results from reliance on this information.

If you need any further assistance please feel free to contact me at (575) 439-4235 (ex 1) or via email at nbeshaler@ci.alamogordo.nm.us. Flood information and city ordinances are available on the city's website <https://ci.alamogordo.nm.us>

Sincerely,

Nancy Beshaler, CFM
Floodplain Manager

FLOOD INSURANCE

NFIP: Alamogordo participates in the National Flood Insurance Program (NFIP). The NFIP makes federally backed flood insurance available for all buildings, whether they are in a floodplain or not. Flood insurance covers direct losses caused by surface flooding, including an arroyo flowing over its banks, and local drainage problems.

The NFIP insures buildings, including mobile homes, with two types of coverage: structural and contents. Structural coverage is for the walls, floors, insulation, furnace, and other items permanently attached to the structure. Contents coverage may be purchased separately provided the contents are in an insurable building.

Mandatory Purchase Requirement: The mandatory purchase requirement applies to all forms of federal or federally related financial assistance for buildings located in a Special Flood Hazard Area (SFHA). This requirement affects loans and grants for the purchase, construction, repair, or improvement of any publicly or privately owned buildings in the SFHA, including machinery, equipment, fixtures, and furnishings contained in such buildings.

Financial assistance programs affected include loans and grants from agencies such as the Department of Veterans Affairs, Farmers Home Administration, Federal Housing Administration, Small Business Administration, and Federal Emergency Management Agency. The requirement also applies to secured mortgage loans from financial institutions, such as commercial lenders, savings and loan associations, savings banks, and credit unions that are regulated, supervised or insured by Federal agencies such as the Federal Deposit Insurance Corporation and the Office of Thrift Supervision. It also applies to all mortgage loans purchased by Fannie Mae or Freddie Mac in the secondary mortgage market.

How it Works: Before a person can receive a loan or other financial assistance from one of the affected agencies or lenders, there must be a check (Map Determination) to see if the building is in a Special Flood Hazard Area (SFHA). The SFHA is the base (100-year) floodplain mapped on a Flood Insurance Rate Map (FIRM). It is shown as one or more zones that begin with the letter "A" or "V".

Copies of the FIRMs are available for review at the public library, the Engineering Department at City Hall, the city's website <https://ci.alamogordo.nm.us/317/Flood-Information>, and FEMA's website <https://msc.fema.gov/portal>. Many lenders and insurance agents also have copies. It is the agency's or the lender's responsibility to check the FIRM to determine if the building is in an SFHA.

If the building is in a SFHA, the agency or lender is required by law to require the recipient to purchase a flood insurance policy on the building. The requirement is for structural coverage equal to the amount of the loan (or other financial assistance) or the maximum amount available, whichever is less. The maximum amount available for a single-family house is \$250,000.

The mandatory purchase requirement does not affect loans or financial assistance for items that are not covered by a flood insurance policy, such as vehicles, business expenses, landscaping, and vacant lots. It does not affect loans for buildings that are not in the SFHA, even though a portion of the lot may be flood prone. While not mandated by law, a lender may require a flood insurance policy as a condition of a loan for a property in any zone on a Flood Insurance Rate Map.



CITY OF ALAMOGORDO
ENGINEERING "MAX 1' RISE" CERTIFICATION
DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA 'AE' ZONES

Per City Ordinance Chapter 13 Flood Damage Prevention Article 13-03-010 (b) (5)

This is to certify that I am a duly qualified engineer licensed to practice Civil Engineering in the State of New Mexico. I further certify that the attached technical data supports the fact that the cumulative effect of proposed development at:

which falls within the community's Special Flood Hazard Area "AE" Zone, when combined with other existing and anticipated development, will not increase the water surface elevation of the base (100-year) flood more than one (1) foot at any point within the community.

I further certify that the hydrology and hydraulic studies/analyses are conducted in accordance with the accepted standards of engineering practice to meet the requirements of Part 65, Identification and Mapping Special Flood Hazard Areas, of Title 44 of the Code of Federal Regulations.

(Date)

[Insert professional seal here]

[Sign and date according to
State Licensing regulations]

(Signature)

(Title)

(Address)

(City, State, Zip)

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

074-2022

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 Mike D. Berry				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde				Company NAIC Number:	
City Alamogordo		State New Mexico		ZIP Code 88310	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Subd: LAS LOMAS Lot: 20 Acct No:R022694 Parcel No:01N4056096256203					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>32°52'11.99"N</u> Long. <u>105°56'38.52"W</u> Horizontal Datum: ☐ NAD 1927 ☒ 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 <u>1A</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>					
c) Total net area of flood openings in A8.b <u>N/A</u> sq in					
d) Engineered flood openings? ☐ Yes ☒ No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>932.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>					
c) Total net area of flood openings in A9.b <u>N/A</u> sq in					
d) Engineered flood openings? ☐ Yes ☒ No					
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number City of Alamogordo 350045			B2. County Name Otero		B3. State New Mexico
B4. Map/Panel Number 35035C1180D	B5. Suffix D	B6. FIRM Index Date 12-17-2010	B7. FIRM Panel Effective/ Revised Date 12-17-2010	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 4451.0
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: ☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date: _____ ☐ CBRS ☐ OPA					

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde			Policy Number:
City Alamogordo	State New Mexico	ZIP Code 88310	Company NAIC Number

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: OPUS Static Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>4452.8</u>	☒ feet	☐ meters
b) Top of the next higher floor	<u>N/A</u>	☐ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u>	☐ feet	☐ meters
d) Attached garage (top of slab)	<u>4452.5</u>	☒ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>4454.0</u>	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>4452.1</u>	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>4452.6</u>	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>4452.6</u>	☒ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. 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.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

Certifier's Name John F. Esquibel	License Number 5949
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Title Land Surveyor

Company Name GEM Surveying

Address P.O. Box 183

City Organ	State New Mexico	ZIP Code 88052
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Signature <i>John F. Esquibel</i>	Date 03-04-2023	Telephone (575) 635-0176	Ext.
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Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

Machinery servicing the home with the lowest elevation: Water heater located in a utility closet set 18" off the floor.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde			Policy Number:
City Alamogordo	State New Mexico	ZIP Code 88310	Company NAIC Number

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde			Policy Number:
City Alamogordo	State New Mexico	ZIP Code 88310	Company NAIC Number

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde			Policy Number:
City Alamogordo	State New Mexico	ZIP Code 88310	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption Front of home looking southeast

Clear Photo One



Photo Two

Photo Two Caption Rear of home looking northwest.

Clear Photo Two

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1762 Loma Verde			Policy Number:
City Alamogordo	State New Mexico	ZIP Code 88310	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo Three

Photo Three

Photo Three Caption

Clear Photo Three

Photo Four

Photo Four

Photo Four Caption

Clear Photo Four