



Federal Emergency Management Agency

Washington, D.C. 20472

July 17, 2024

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Tim Keller
Mayor, City of Albuquerque
1 Civic Plaza Northwest
Albuquerque, NM 87102

IN REPLY REFER TO:

Case No.: 24-06-0613P
Community Name: City of Albuquerque, NM
Community No.: 350002
Effective Date of
This Revision: December 5, 2024

Dear Mayor Keller:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other enclosures specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Denton, Texas, at (940) 898-5127, or the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: Tiequan Chen, P.E., CFM
Principal Engineer, Hydrology
City of Albuquerque

Renee Brissette, P.E., CFM
Senior Engineer, Hydrology
City of Albuquerque

Hugh Floyd, P.E.
RESPEC Company, LLC

Cassy McClintock, P.E.
Staff Engineer
RESPEC Company, LLC



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LETTER OF MAP REVISION DETERMINATION DOCUMENT

| COMMUNITY AND REVISION INFORMATION | | PROJECT DESCRIPTION | BASIS OF REQUEST |
|--|--|---|--|
| COMMUNITY | City of Albuquerque Bernalillo County New Mexico | DETENTION BASIN STORM DRAIN | 1D HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA |
| | COMMUNITY NO.: 350002 | | |
| IDENTIFIER | Marble Arno LOMR | APPROXIMATE LATITUDE AND LONGITUDE: 35.091, -106.643 SOURCE: Other DATUM: NAD 83 | |
| ANNOTATED MAPPING ENCLOSURES | | ANNOTATED STUDY ENCLOSURES | |
| TYPE: FIRM* NO.: 35001C0332G DATE: September 26, 2008 TYPE: FIRM* NO.: 35001C0334G DATE: September 26, 2008 | | DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 4, 2016 SUMMARY OF STILLWATER ELEVATIONS TABLE: 13 | |

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE AND REVISED REACH

Marble-Arno Pond - Area centered approximately 450 feet northeast of the intersection of Broadway Boulevard and Lomas Boulevard

SUMMARY OF REVISIONS

| Flooding Source | Effective Flooding | Revised Flooding | Increases | Decreases |
|------------------|--------------------|-------------------|-----------|-----------|
| Marble-Arno Pond | No BFEs* | BFEs | YES | NONE |
| | BFEs | No BFEs | NONE | YES |
| | Zone AH | Zone X (shaded) | YES | YES |
| | Zone AH | Zone X (unshaded) | NONE | YES |
| | Zone X (unshaded) | Zone AE | YES | NONE |

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbabit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

A handwritten signature in black ink, appearing to read "Rick F. Sacbibit", is located above the printed name.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Roosevelt Grant
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
800 North Loop 288
Denton, TX 76209
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panels and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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Engineering Services Branch
Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *Albuquerque Journal*

Dates: July 31, 2024 and August 7, 2024

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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Engineering Services Branch
Federal Insurance and Mitigation Administration

Table 13 - Summary of Stillwater Elevations (Continued)

| Area | Pond Invert Elevation (feet NAVD ¹) | Water Surface Elevations (feet NAVD ¹) | | | |
|--|---|--|-----------------------------|-----------------------------|-----------------------------------|
| | | 10-Percent- Annual-Chance | 2-Percent- Annual-Chance | 1-Percent- Annual-Chance | 0.2-Percent- Annual- Chance |
| Raymac Dam | * | * | * | 4,964.0 | * |
| Retention Pond | * | * | * | 5,233.0 | * |
| South Domingo Baca Dam | 5,878.8 | 5,900.8 | 5,911.3 | 5,915.4 | 5,921.4 |
| South Pond | 5,201.0 | * | * | 5,211.2 | * |
| Unnamed Pond | | | | | |
| Area bounded by Sunset Gardens Road to the north, 106 th Street to the east and Eucariz Avenue to the south | * | * | * | 5,248.7 | * |
| Unnamed Pond | | | | | |
| Area bounded by Duke Avenue to the north and Eucariz Avenue to the south | * | * | * | 5,230.9 | * |
| Unnamed Ponding Area | | | | | |
| Generally located along El Camino Arroyo at Beverly Hills Avenue | * | * | * | 5,324.0 | * |
| Unnamed Ponding Area | | | | | |
| Generally located south of Acorna Road, north of Southern Avenue SE, and west of Britt Street | * | * | * | 5,483.7 | * |
| Marble-Arno Pond | * | * | * | 4,953.2 | * |

1 North American Vertical Datum of 1988

* Data not available

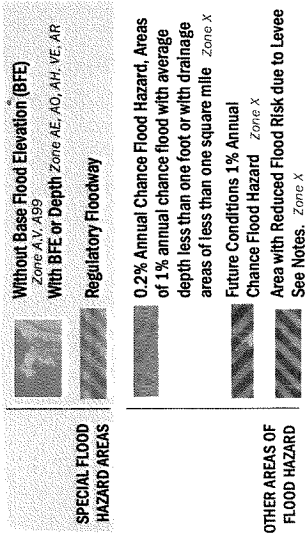
REVISED DATA

REVISED TO
REFLECT LOMR
EFFECTIVE: December 5, 2024



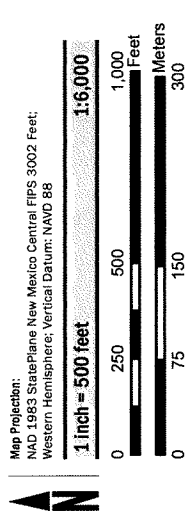
JOINS PANEL 0334

350'000mE



SCALE

NOTE: BASEMAP IMAGERY DATED 2020 WAS OBTAINED FROM NAIP.



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
BERNALILLO COUNTY, NEW MEXICO
and Incorporated Areas
PANEL 332 OF 825

Panel Contains:

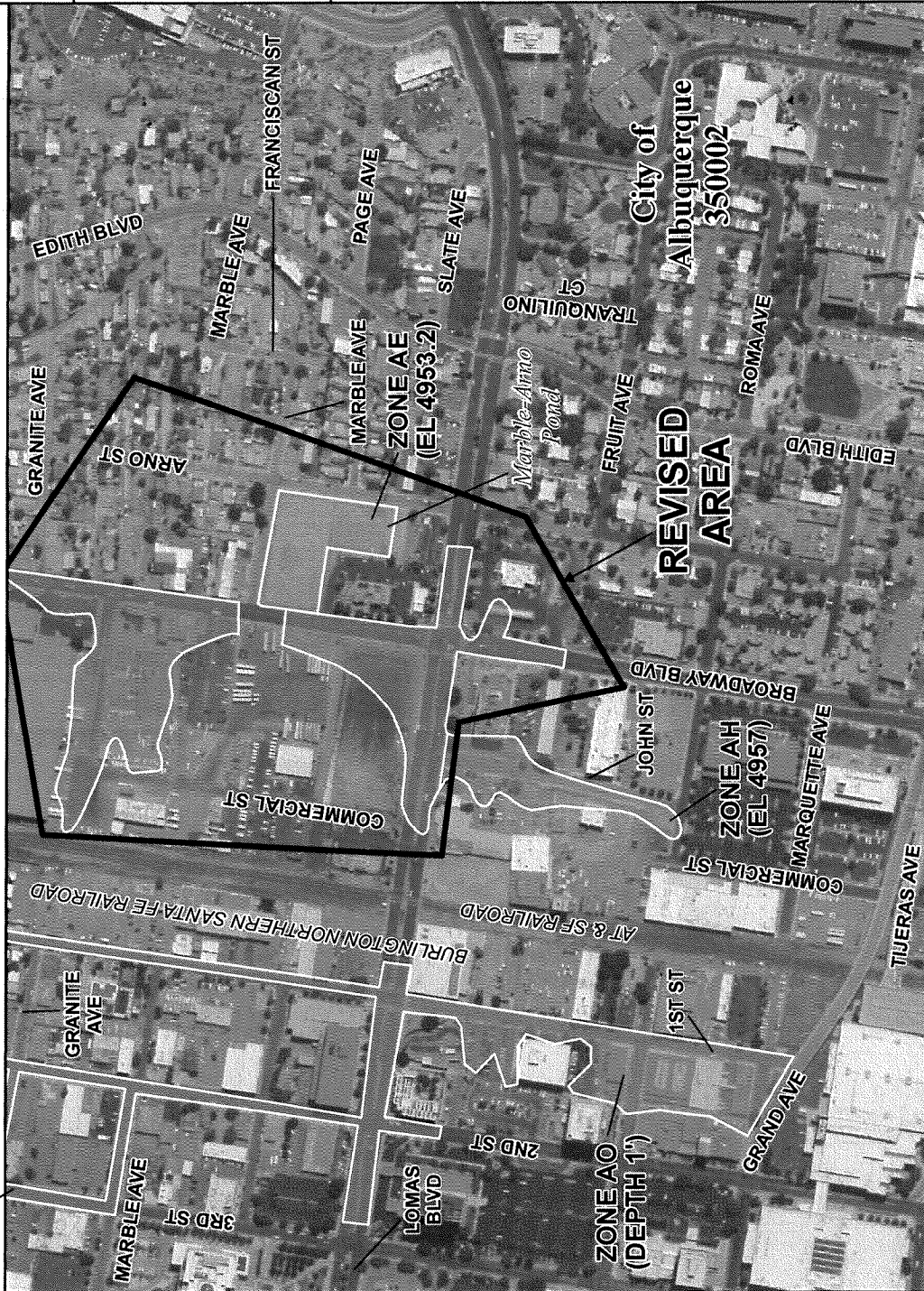
| COMMUNITY | NUMBER | PANEL | SUFFIX |
|--|--------|-------|--------|
| ALBUQUERQUE, CITY OF | 350002 | 0332 | G |
| BERNALILLO COUNTY UNINCORPORATED AREAS | 350001 | 0332 | G |

FEDERAL EMERGENCY MANAGEMENT AGENCY
REVISOR
REVISED TO REFLECT LOMR
EFFECTIVE: December 5, 2024

VERSION NUMBER
2.1.3.0
MAP NUMBER
35001C0332G
MAP REVISED
SEPTEMBER 26, 2008

ZONE AO
(DEPTH 1')

JOINS PANEL 0332



Without Base Flood Elevation (BFE)
Zone A.V. A99
With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway

SPECIAL FLOOD HAZARD AREAS

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X

Future Conditions 1% Annual Chance Flood Hazard Zone X

Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

SCALE

NOTE: BASEMAP IMAGERY DATED 2020 WAS OBTAINED FROM NAIP.

Map Projection:
NAD 1983 StatePlane New Mexico Central FIPS 3002 Feet;
Western Hemisphere, Vertical Datum: NAVD 88

1 inch = 500 feet

0 250 500 1,000 Feet

0 75 150 300 Meters

FEMA

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

BERNALILLO COUNTY, NEW MEXICO

and Incorporated Areas

PANEL 334 OF 825

Panel Contains:

COMMUNITY ALBUQUERQUE, CITY OF

NUMBER 350002

PANEL SUFFIX 0334 G

REVISED TO
REFLECT LOMR
EFFECTIVE: December 5, 2024

VERSION NUMBER
2.1.3.0

MAP NUMBER
35001C0334G

MAP REVISED
SEPTEMBER 26, 2008