



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Albuquerque Bernalillo County New Mexico	NO PROJECT	UPDATE
	COMMUNITY NO.: 350002		
IDENTIFIER	Albuquerque Public Schools School/Stadium (Reissuance of LOMR 14-06-0305P)	APPROXIMATE LATITUDE AND LONGITUDE: 35.096, -106.759 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 35001C0307H DATE: August 16, 2012		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 4, 2016 SUMMARY OF DISCHARGES TABLE: 11	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map;

FLOODING SOURCES AND REVISED REACHES

See Page 2 for Additional Flooding Sources

Mirehaven Arroyo B – from the outfall into Detention Basin 5S to approximately 960 feet upstream of the outfall into Detention Basin 5S

SUMMARY OF REVISIONS

This Letter of Map Revision (LOMR) is a re-issuance of the LOMR (Case No. 14-06-0305P) that became effective on January 2, 2015. The January 2, 2015, LOMR revised the Special Flood Hazard Area (SFHA), the area subject to inundation by the base (1-percent-annual-chance) flood and the BFEs* along Mirehaven Arroyo B, the SFHA and BFEs along Ladera Dam 9 Diversion, the SFHA and BFEs along Detention Basin 5, the SFHA and BFEs along Detention Basin 5S, and removed the SFHA and BFEs along Unnamed Arroyo and tributaries. This LOMR only reissues annotated FIRM Panel 0307H. The revisions shown on the other enclosures have been incorporated into the effective FIRM and Flood Insurance Study (FIS) report for Bernalillo County, New Mexico, and Incorporated areas, dated November 4, 2016. This LOMR does not revise the BFEs or SFHA boundaries along the revised reaches from the January 2, 2015, LOMR.

* 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 Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on our website at <http://www.fema.gov/national-flood-insurance-program>.

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



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

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCES AND REVISED REACHES

Ladera Dam 9 Diversion – from the outfall into Detention Basin 5S to approximately 1,490 feet upstream of the outfall into Detention Basin 5S

Detention Basin 5 – entire shoreline within the City of Albuquerque

Detention Basin 5S – entire shoreline within the City of Albuquerque

Unnamed Arroyo and Tributaries – from just upstream of Tierra Pintada Boulevard Northwest to approximately 2,400 feet upstream of Tierra Pintada Boulevard Northwest

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 Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on our website at <http://www.fema.gov/national-flood-insurance-program>.

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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.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards 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 revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

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 Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on our website at <http://www.fema.gov/national-flood-insurance-program>.

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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:

Ms. Sandy Keefe
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
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 Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on our website at <http://www.fema.gov/national-flood-insurance-program>.

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

PUBLIC NOTIFICATION OF REVISION

The revised BFEs presented in this LOMR along Mirehaven Arroyo B, Ladera Dam 9 Diversion, Detention Basin 5, Detention Basin 5S, and Unnamed Arroyo and tributaries became effective on January 2, 2015, following a 90-day appeal period for Case No. 14-06-0305P. This LOMR does not revise the flood hazards shown in the January 2, 2015, LOMR. Therefore, we will not republish notice of the revised the flood hazards in the local newspaper. This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

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 Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on our website at <http://www.fema.gov/national-flood-insurance-program>.

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Engineering Services Branch
Federal Insurance and Mitigation Administration

Table 11- Summary of Discharges (Continued)

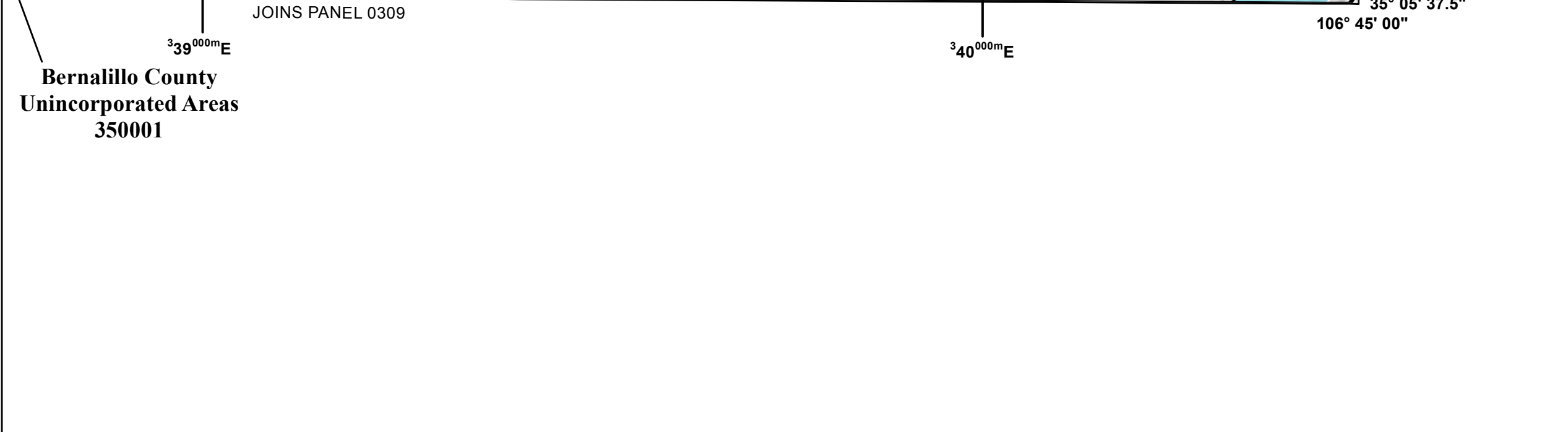
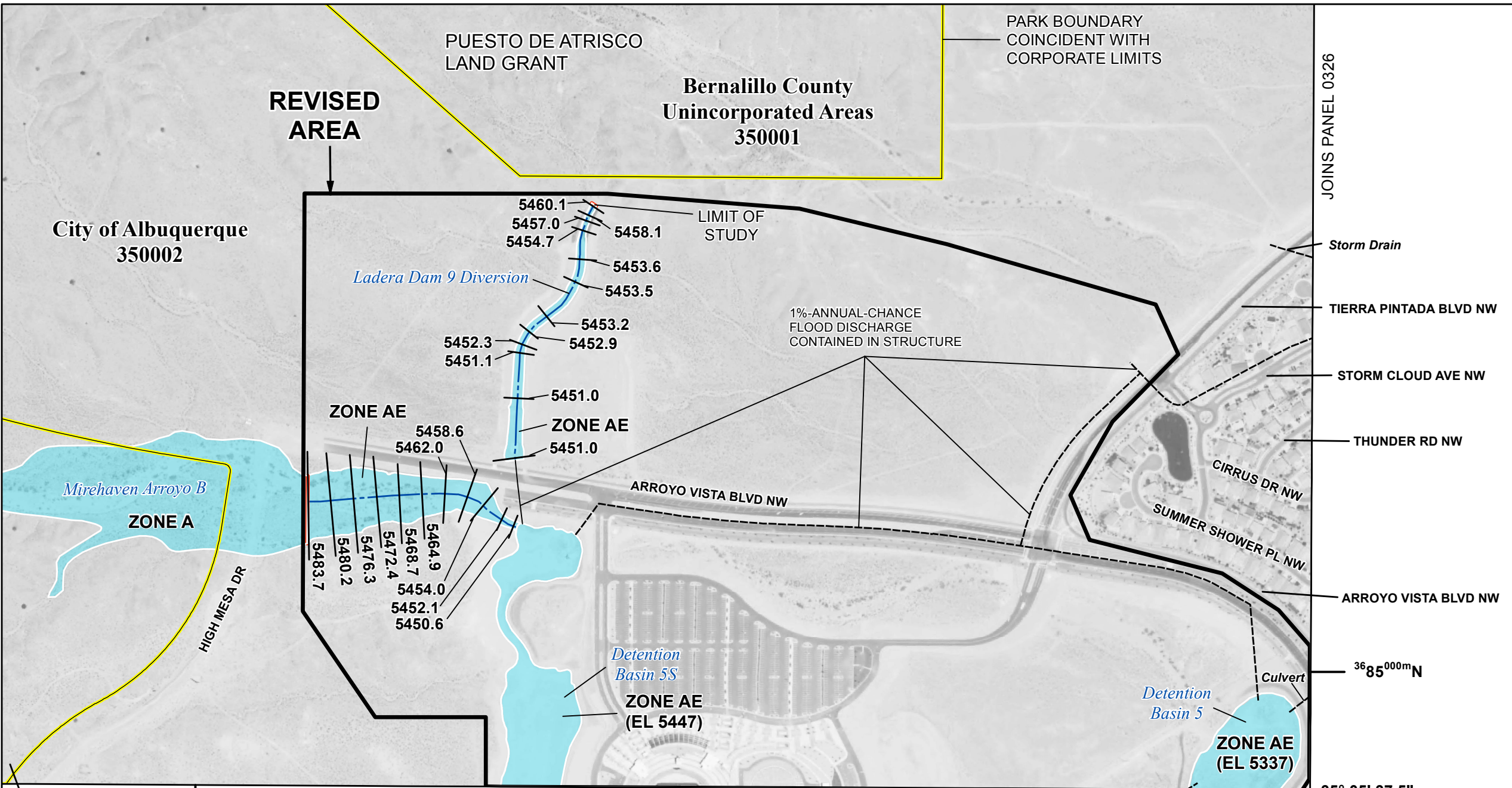
<u>Flooding Source and Location</u>	<u>Drainage Area (square miles)</u>	<u>Peak Discharges (cfs)</u>			
		<u>10-Percent-Annual- Chance</u>	<u>2-Percent- Annual-Chance</u>	<u>1-Percent- Annual-Chance</u>	<u>0.2-Percent- Annual-Chance</u>
Ladera Dam 9 Diversion					
At approximately 330 feet upstream Of Detention Basin 5S	0.12	*	*	169	*
Menaul Detention Basin					
At detention basin	0.9	700	1,201	1,429	1,998
Upstream of detention basin	0.9	700	1,201	1,432	2,005
Mesa Del Sol Playa 1	39.3	*	*	8,748	14,592
Mesa Del Sol Playa 2	8.0	*	*	686	1,323
Mesa Del Sol Playa 3	6.5	*	*	470	926
Mirehaven Arroya A					
At confluence with Mirehaven Arroyos B & C	2.9	*	*	1,452	*
At Ladera Dam Detention Ponds	3.9	*	*	1,097	*
Mirehaven Arroyo B					
Just downstream of High Mesa Drive	0.72	*	*	550	*
Mirehaven Arroyo C					
At Unser Diversion	*	*	*	159	*
1400 feet upstream of Unser Diversion	*	*	*	138	*
Middle Tributary of the Boca Negra					
Arroyo 220 feet downstream from Rim Rock Dr.	5.0	245	547	712	1,169
Rim Rock Dr.	1.0	222	473	604	945

REVISED DATA

0.72

*Data not Available.

**REVISED TO
REFLECT LOMR
EFFECTIVE: November 28, 2016**



SPECIAL FLOOD HAZARD AREAS

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

OTHER AREAS OF FLOOD HAZARD

- 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

SCALE NOTE: BASEMAP IMAGERY DATED JANUARY 9, 2010 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 1:6,000

0 250 500 1,000 Feet
0 75 150 300 Meters

FEDERAL EMERGENCY MANAGEMENT AGENCY

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

BERNALILLO COUNTY, NEW MEXICO
and Incorporated Areas

PANEL 307 OF 825

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE, CITY OF	350002	0307	H
BERNALILLO COUNTY UNINCORPORATED AREAS	350001	0307	H

REVISED TO REFLECT LOMR EFFECTIVE: November 28, 2016

VERSION NUMBER
2.1.3.0
MAP NUMBER
35001C0307H
MAP REVISED
AUGUST 16, 2012