Federal Emergency Management Agency

Washington, D.C. 20472

April 11, 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Richard J. Berry
Mayor, City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

IN REPLY REFER TO:
Case No.: 12-06-0106P
Follows Conditional
Case No.: 09-06-0691R
Community Name: City of Albuquerque, NM
Community No.: 350002
Effective Date of
This Revision: **August 23, 2012**

Dear Mayor Berry:

The Flood Insurance Study Report and Flood Insurance Rate Map for your community have 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 attachments 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 Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

Sincerely,

Stuart W. Rooney, CFM, PMP, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

For: Luis Rodriguez, P.E., Chief
Engineering Management 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: The Honorable Thomas E. Swisstack
Mayor, City of Rio Rancho

Mr. Curtis Cherne, P.E., CFM
Principal Engineer, Planning Department
City of Albuquerque

Mr. Randall Carroll, P.E.
Floodplain Administrator
City of Rio Rancho

Mr. Robert Demeule
Huitt-Zollars, Inc.

 | Issue Date: April 11, 2012 | Effective Date: August 23, 2012 | Case No.: 12-06-0106P | LOMR-APP

Follows Conditional Case No.: 09-06-0691R

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	CHANNEL RELOCATION CHANNELIZATION CULVERT FILL	BASE MAP CHANGES HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 350002		
IDENTIFIER	West Branch Channel	APPROXIMATE LATITUDE AND LONGITUDE: 35.223, -106.689 SOURCE: Precision Mapping Streets DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO.: 35001C0108G DATE: September 26, 2008	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 26, 2008 PROFILES: 90P

osures reflect changes to flooding sources affected by this revision.
. .RM - Flood Insurance Rate Map;

FLOODING SOURCE AND REVISED REACH

BLACK ARROYO WEST BRANCH – from approximately 1,970 feet upstream of outfall of Black Arroyo Detention Dam to just upstream of Unser Boulevard

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
BLACK ARROYO WEST BRANCH	Zone AO	Zone AE	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
	No BFEs*	BFEs	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 Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter 'dressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at ://www.fema.gov/business/nfip.

Stuart W. Rooney, CFM, PMP, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 350146 **Name:** City of Rio Rancho, New Mexico

AFFECTED MAP PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM* NO.: 35043C2102D DATE: March 18, 2008 TYPE: FIRM* NO.: 35043C2104D DATE: March 18, 2008 TYPE: FIRM* NO.: 35043C2106D DATE: March 18, 2008 TYPE: FIRM* NO.: 35043C2108D DATE: March 18, 2008 TYPE: FIRM* NO.: 35001C0108G DATE: September 26, 2008	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: March 18, 2008 PROFILES: 8P AND 9P

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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

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Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

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.

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.

›MMUNITY 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 any permits required by Federal 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter ·dressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at ı://www.fema.gov/business/nfip.

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Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

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:

Mr. Frank Pagano
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 panel 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Ste 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

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Federal Emergency Management Agency

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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*. A short notice will also be published in your local newspaper on or about the dates listed below. Please refer to FEMA's Web site at https://www/floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *Albuquerque Journal*
Dates: 04/18/2012 and 04/25/2012

Within 90 days of the second publication in the local newspaper, a citizen 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 BFEs 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 Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter dressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at ://www.fema.gov/business/nfip.

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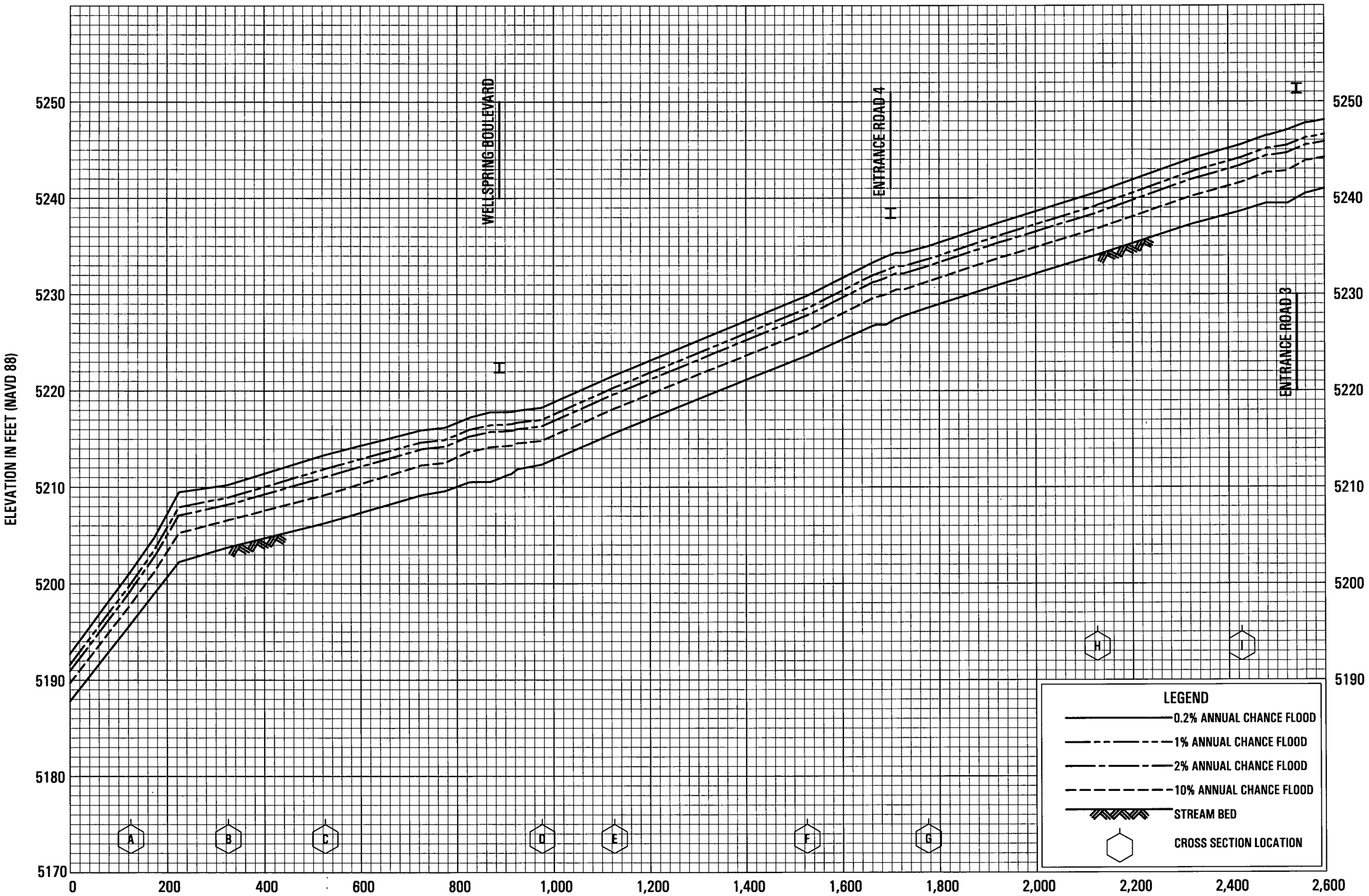
Federal Insurance and Mitigation Administration



REVISED TO
REFLECT LOMR
EFFECTIVE: August 23, 2012

FLOOD PROFILES

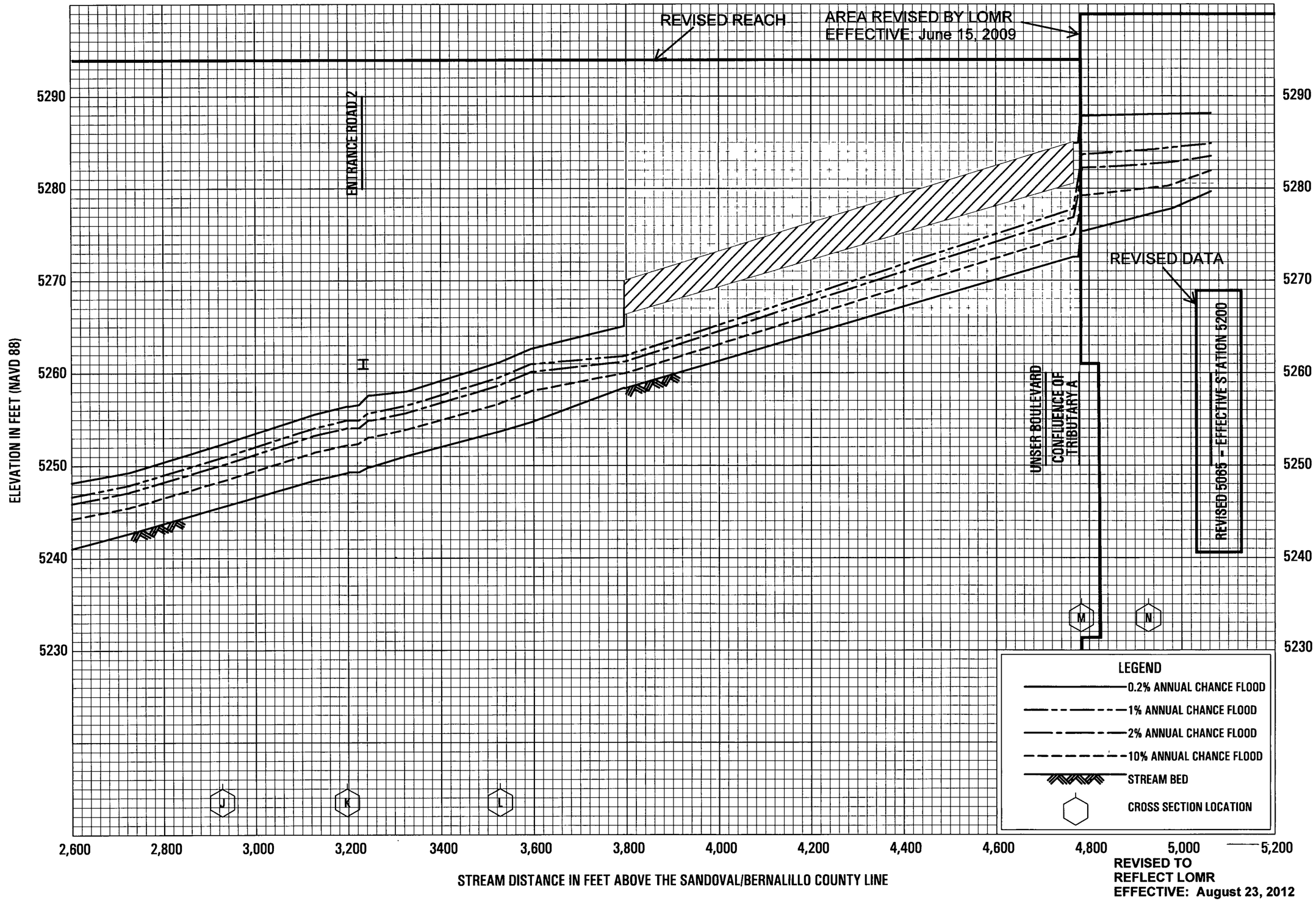
BLACK ARROYO WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANDOVAL COUNTY, NM

AND INCORPORATED AREAS

08P



REVISED TO
REFLECT LOMR
EFFECTIVE: August 23, 2012

FLOOD PROFILES

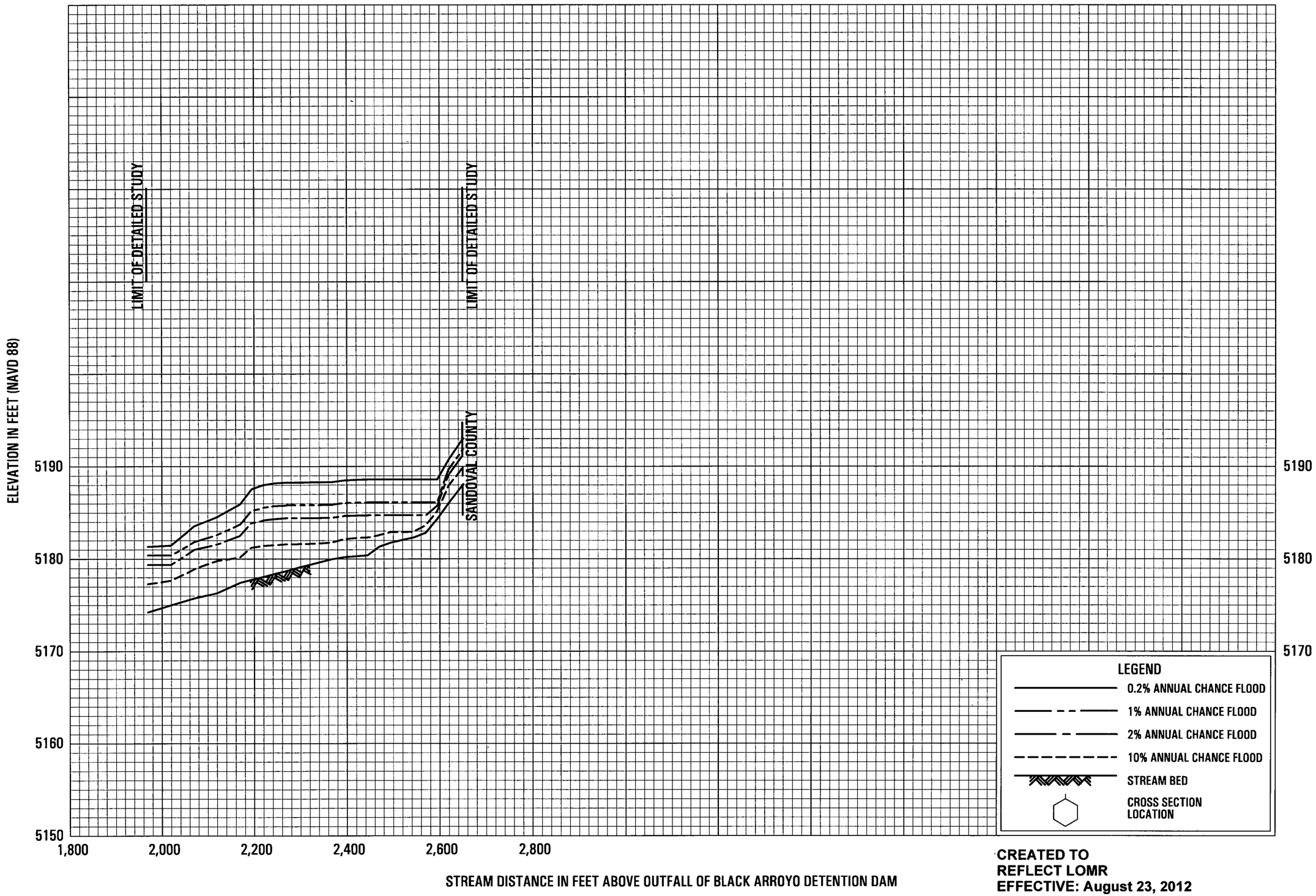
BLACK ARROYO WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANDOVAL COUNTY, NM

AND INCORPORATED AREAS

09P



CREATED TO
REFLECT LOMR
EFFECTIVE: August 23, 2012

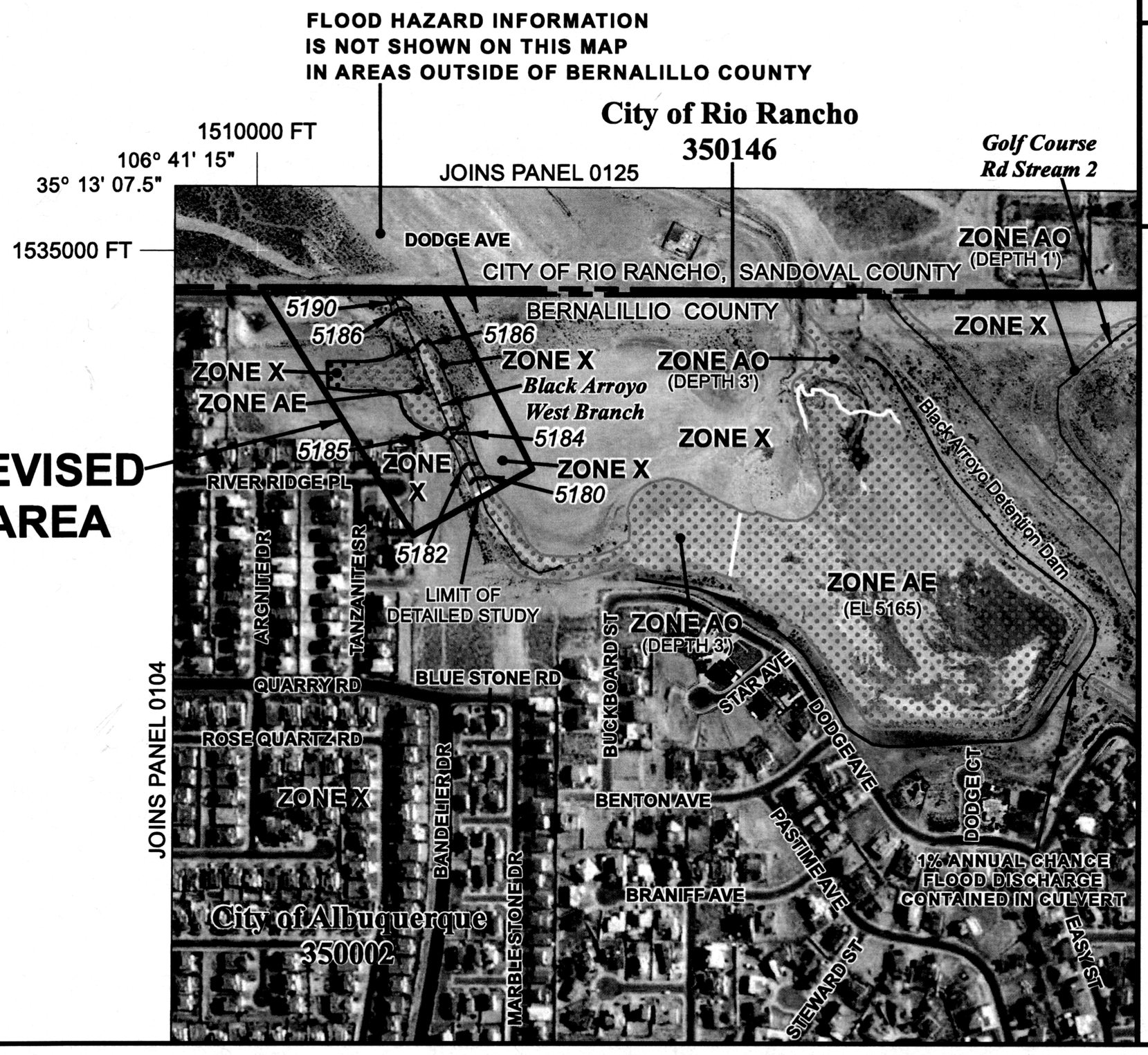
FLOOD PROFILES

BLACK ARROYO

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERNALILLO COUNTY, NM

AND INCORPORATED AREAS



MAP LEGEND

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

500 250 0 500 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0108G

FIRM

FLOOD INSURANCE RATE MAP

BERNALILLO COUNTY, NEW MEXICO

AND INCORPORATED AREAS

PANEL 108 OF 825

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE, CITY OF	350002	0108	G
BERNALILLO COUNTY			
UNINCORPORATED AREAS	350001	0108	G
RIO RANCHO, CITY OF	350146	0108	G

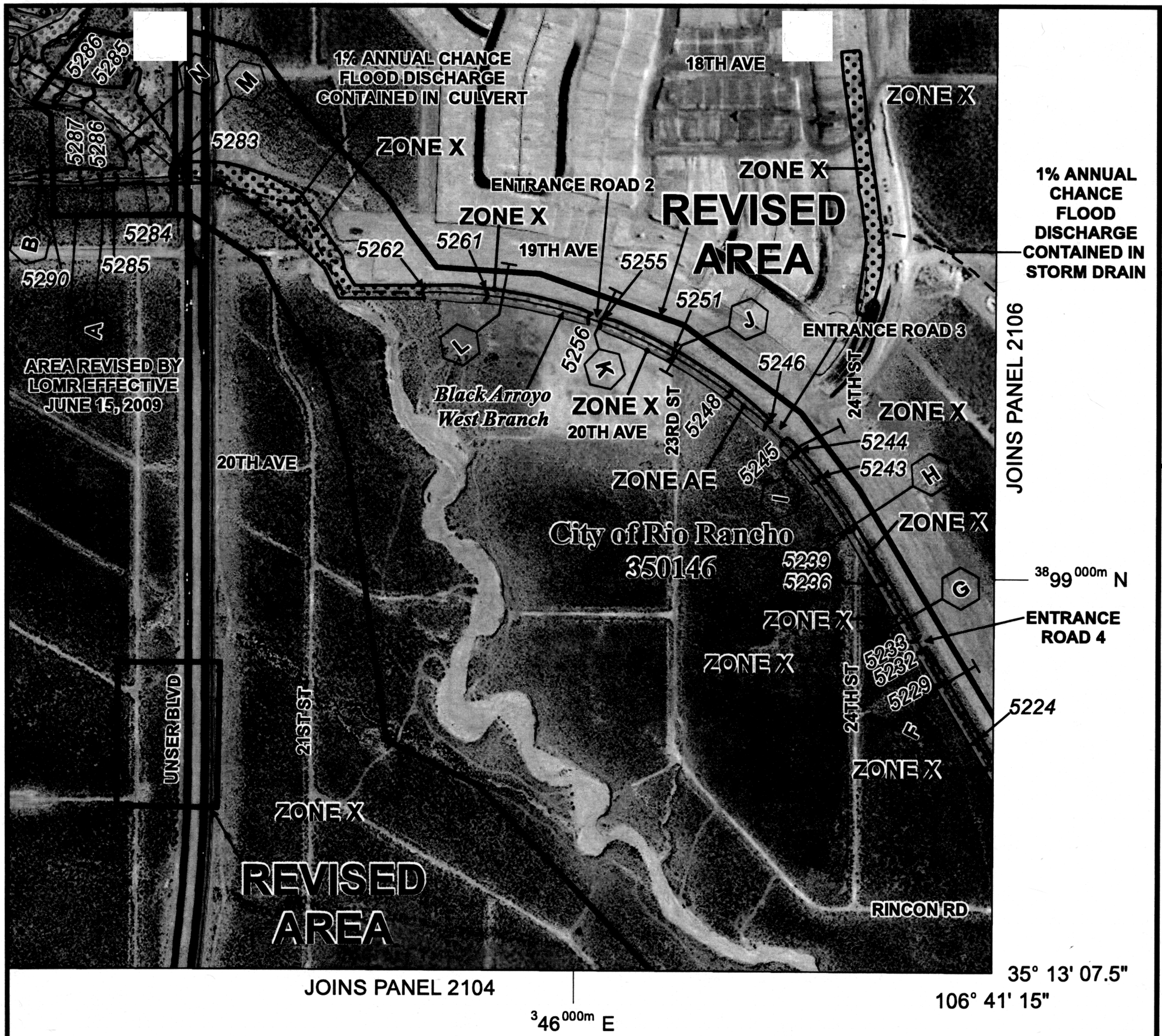
REVISED TO REFLECT LOMR EFFECTIVE: August 23, 2012

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
35001C0108G

MAP REVISED
SEPTEMBER 26, 2008

Federal Emergency Management Agency



MAP LEGEND

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

500 250 0 500 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2102D

FIRM

FLOOD INSURANCE RATE MAP

SANDOVAL COUNTY, NEW MEXICO AND INCORPORATED AREAS

PANEL 2102 OF 2225

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
RIO RANCHO, CITY OF	350146	2102	D

REVISED TO REFLECT LOMR EFFECTIVE: August 23, 2012

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MAP NUMBER 35043C2102D

MAP REVISED MARCH 18, 2008

Federal Emergency Management Agency

City of Rio Rancho
350146

JOINS PANEL 2102

ZONE X

106° 41' 15"

35° 13' 07.5"

JOINS PANEL 2108

MAP LEGEND

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

N

MAP SCALE 1" = 500'

500 250 0 500 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2104D

FIRM

FLOOD INSURANCE RATE MAP

SANDOVAL COUNTY, NEW MEXICO

AND INCORPORATED AREAS

PANEL 2104 OF 2225

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
RIO RANCHO, CITY OF	350146	2104	D

REVISED TO
REFLECT LOMR
EFFECTIVE: August 23, 2012

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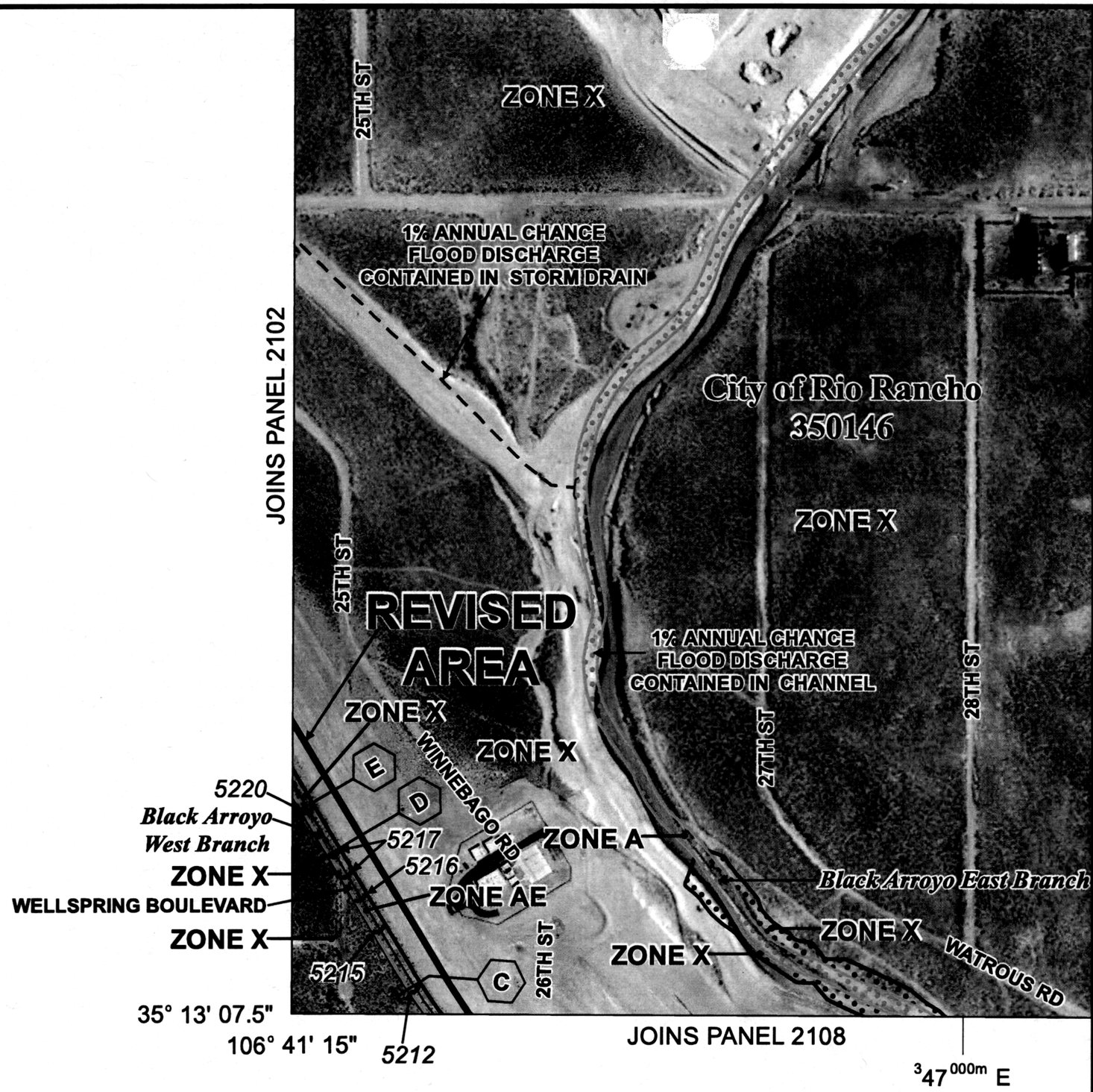
MAP NUMBER
35043C2104D

MAP REVISED
MARCH 18, 2008

Federal Emergency Management Agency



MAP LEGEND

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

500 250 0 500 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2106D

FIRM

FLOOD INSURANCE RATE MAP

SANDOVAL COUNTY, NEW MEXICO

AND INCORPORATED AREAS

PANEL 2106 OF 2225

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CORRALES, VILLAGE OF	350094	2106	D
RIO RANCHO, CITY OF	350146	2106	D
SANDOVAL COUNTY, UNINCORPORATED AREAS	350055	2106	D

REVISED TO REFLECT LOMR EFFECTIVE: August 23, 2012

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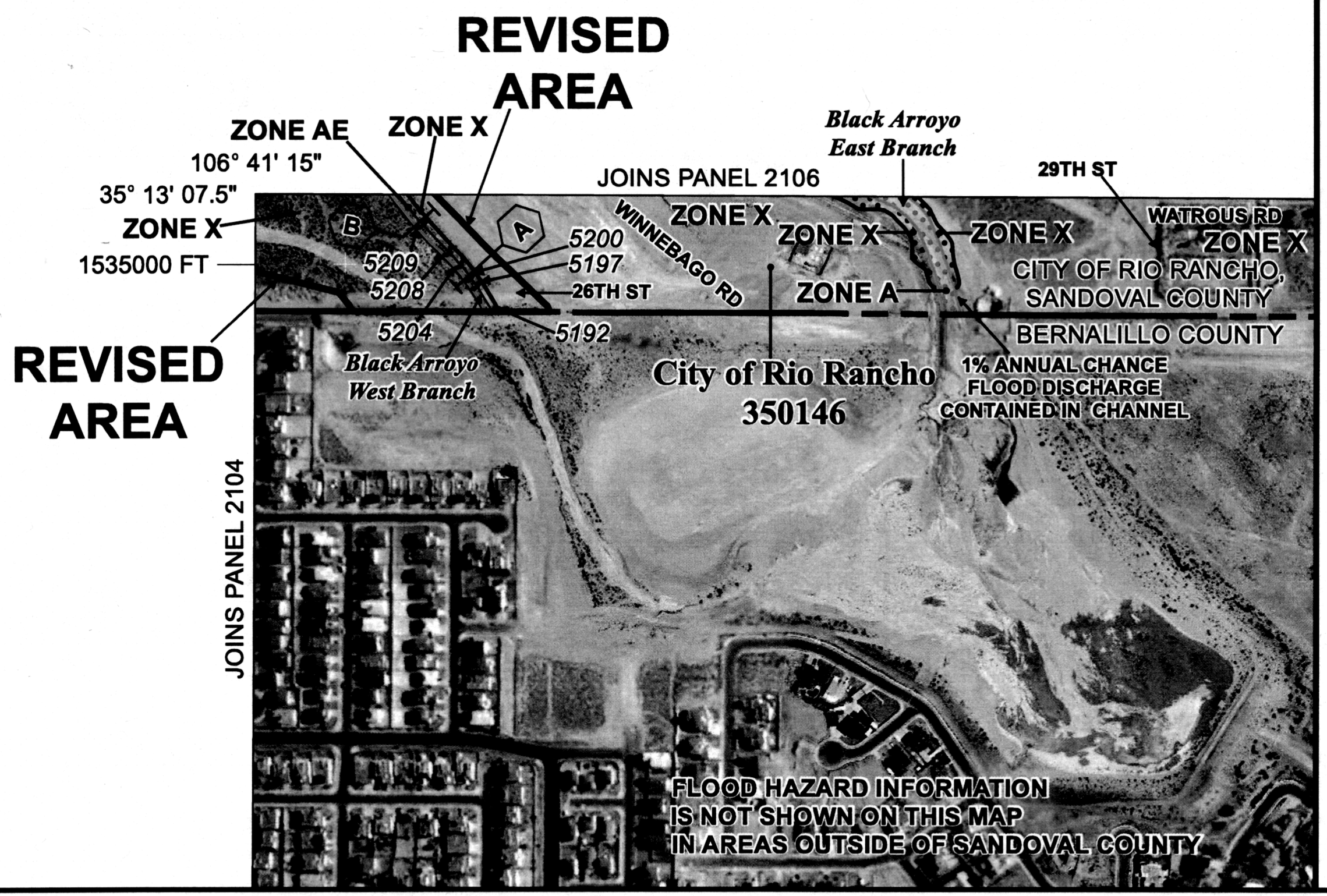
MAP NUMBER
35043C2106D

MAP REVISED
MARCH 18, 2008

Federal Emergency Management Agency



MAP LEGEND

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

500 250 0 500 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2108D

FIRM

FLOOD INSURANCE RATE MAP

SANDOVAL COUNTY, NEW MEXICO

AND INCORPORATED AREAS

PANEL 2108 OF 2225

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CORRALES, VILLAGE OF	350094	2108	D
RIO RANCHO, CITY OF	350146	2108	D
SANDOVAL COUNTY, UNINCORPORATED AREAS	350055	2108	D

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MAP NUMBER 35043C2108D

MAP REVISED MARCH 18, 2008

Federal Emergency Management Agency