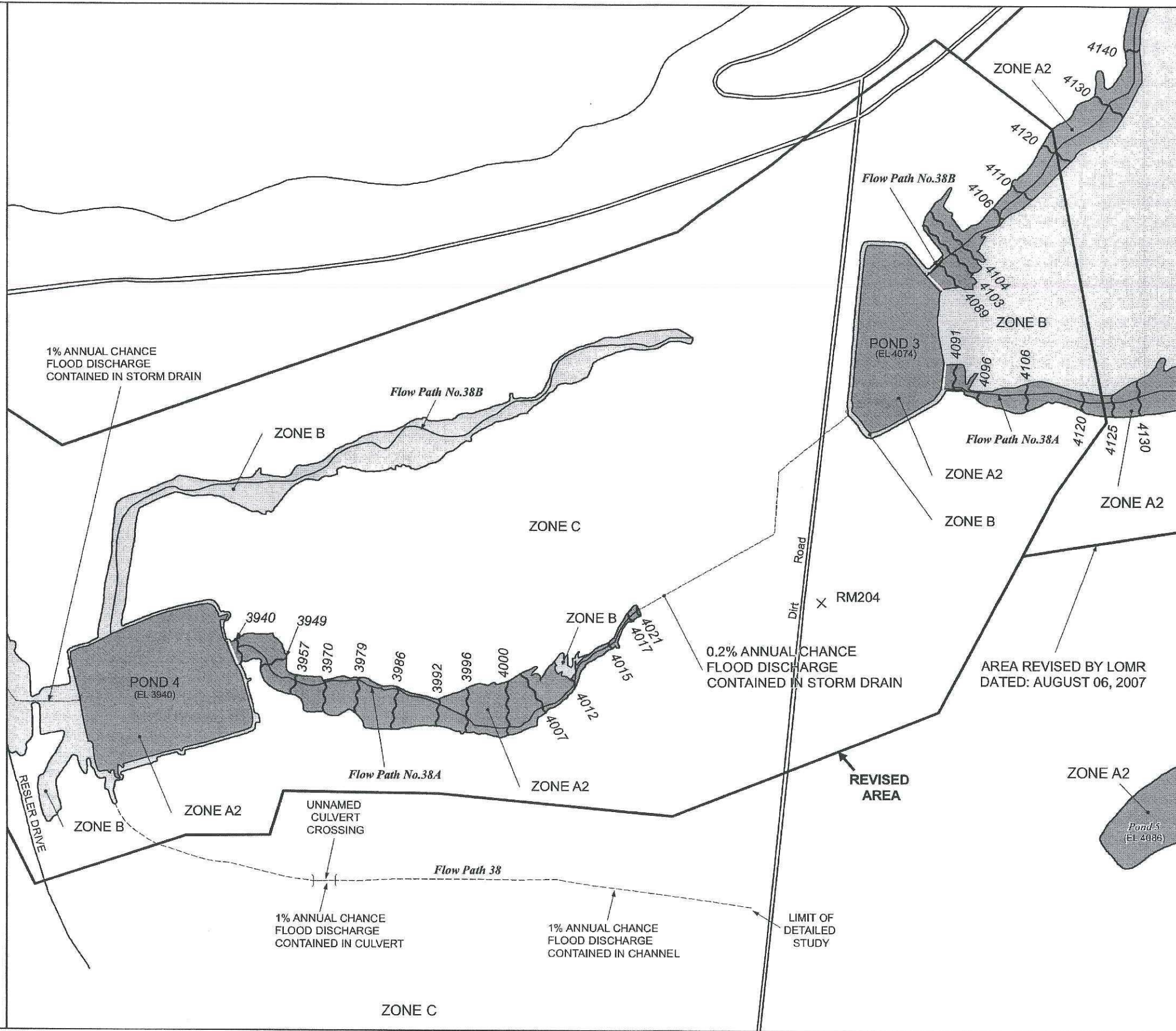





JOINS PANEL 16

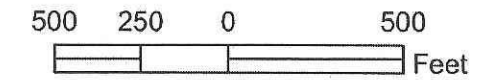


Legend

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



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
CITY OF
EL PASO,
TEXAS
EL PASO COUNTY

PANEL 17 OF 52

(SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO
 REFLECT LOMR
 EFFECTIVE: June 8, 2011

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.

COMMUNITY - PANEL NUMBER
 4802140017 C

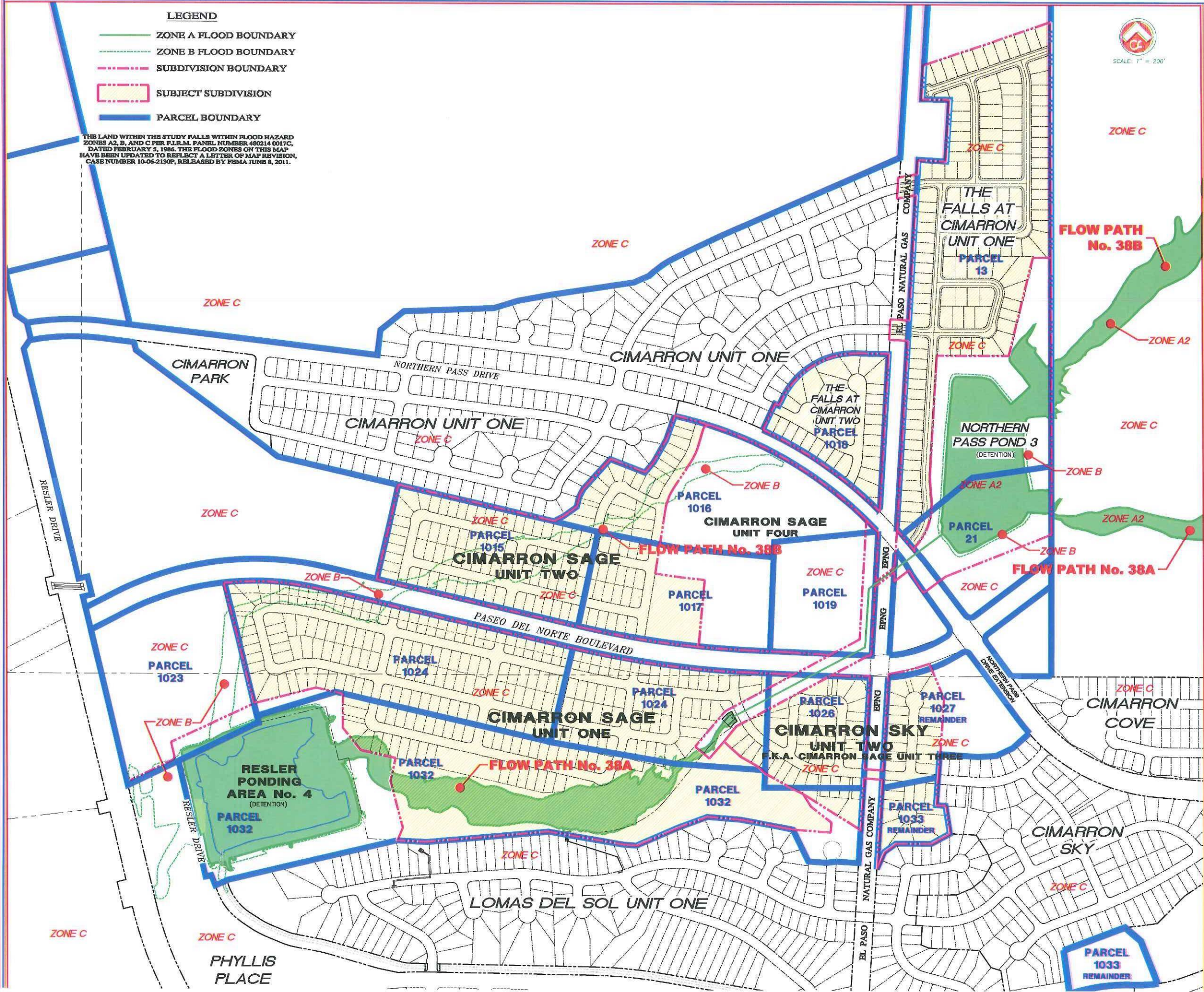


MAP REVISED
 FEBRUARY 5, 1986

Federal Emergency Management Agency

- LEGEND**
- ZONE A FLOOD BOUNDARY
 - - - ZONE B FLOOD BOUNDARY
 - · - · - SUBDIVISION BOUNDARY
 - ▭ SUBJECT SUBDIVISION
 - ▭ PARCEL BOUNDARY

THE LAND WITHIN THIS STUDY FALLS WITHIN FLOOD HAZARD ZONES A2, B, AND C PER F.L.R.M. PANEL NUMBER 490214 0017C, DATED FEBRUARY 5, 1986. THE FLOOD ZONES ON THIS MAP HAVE BEEN UPDATED TO REFLECT A LETTER OF MAP REVISION, CASE NUMBER 10-06-2130P, RELEASED BY FSMA JUNE 8, 2011.



Follows Conditional Case No.: 08-06-0747R



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 El Paso El Paso County Texas	CHANNELIZATION DETENTION BASIN FILL STORM DRAIN	BASE MAP CHANGES HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 480214		
IDENTIFIER	Pond 3	APPROXIMATE LATITUDE AND LONGITUDE: 31.887, -106.557 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 4802140016C DATE: February 5, 1986	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: February 16, 2006	
TYPE: FIRM*	NO.: 4802140017C DATE: February 5, 1986	PROFILE(S): 234P (DELETED), 235P (DELETED), 236P, 237P, 238P, 239P 228P, 229P AND 230P	
		SUMMARY OF DISCHARGES TABLE: 2 STILLWATER ELEVATION TABLE: 4	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Flow Path No. 38A - from upstream of Pond 4 inlet to approximately 5,060 feet upstream of Pond 4 inlet

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Flow Path No. 38A	Zone A2	Zone A2	YES	YES
	BFEs*	BFEs	YES	YES
	Zone A2	Zone C	NONE	YES
	Zone B	Zone C	NONE	YES

* 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 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>.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

10-06-2130P

102-I-A-C



Federal Emergency Management Agency
Washington, D.C. 20472

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

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

Flow Path No. 38B - from Pond 3 inlet to approximately 960 feet upstream of Pond 3 inlet
Pond 3 - approximately 500 feet northeast of the intersection of Flow Path No. 38A and Dirt Road
Pond 4 - approximately 3,600 feet southwest of the intersection of Flow Path No. 38A and Dirt Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Flow Path No. 38B	Zone A2	Zone A2	YES	YES
	BFEs*	BFEs	YES	YES
	Zone A2	Zone B	NONE	YES
	Zone B	Zone C	NONE	YES
	Zone A2	Zone C	NONE	YES
Pond 3	Zone B	Zone A2	NONE	YES
	BFEs*	BFEs	YES	NONE
Pond 4	Zone A2	Zone A2	NONE	YES
	BFEs*	BFEs	NONE	YES

* BFEs - Base Flood Elevations

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>.

Michael J. McGinn, Program Specialist
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 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 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 law have been obtained. State 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 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 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>.

Handwritten signature of Michael J. McGinn.

Michael J. McGinn, Program Specialist
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 are processing a revised FIRM and FIS report for El Paso County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and incorporated communities in El Paso County, were submitted to your community for review on June 29, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM and FIS report before they become effective.

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>.

Handwritten signature of Michael J. McGinn.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency
Washington, D.C. 20472

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

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NGVD 29)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Flow Path No. 38A	Approximately 40 feet upstream of Pond 4 Inlet	3,951	3,942	4802140017C
	Approximately 4,960 feet upstream of Pond 4 Inlet	4,120	4,121	4802140017C
Flow Path No. 38B	Approximately 190 feet upstream of Pond 3 Inlet	4,096	4,089	4802140017C
	Approximately 860 feet upstream of Pond 3 Inlet	4,117	4,116	4802140017C
Pond 3	Approximately 500 feet northeast of the intersection of Flow Path No. 38A and Dirt Road	NONE	4,074	4802140017C
Pond 4	Approximately 3,600 feet southwest of the intersection of Flow Path No. 38A and Dirt Road	3,946	3,940	4802140017C

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.

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. Please refer to FEMA's website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed BFE changes, which will be posted within a week of the date of this letter.

LOCAL NEWSPAPER Name: *The El Paso Times*
Dates: 02/01/2011 and 02/08/2011

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>.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

TABLE 2 - SUMMARY OF DISCHARGES - (continued)

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. miles)	PEAK DISCHARGES (cfs)			
		10-YEAR	50-YEAR	100-YEAR	500-YEAR
FLOW PATH NO. 32A					
At station 5360	0.7	290	510	630	940
At station 2300	1.0	400	740	920	1,400
At station 840	1.4	440	1,030	1,300	2,000
FLOW PATH NO. 33 (Middle Drain)					
At station 8000	0.3	140	240	300	395
At station 6760	0.3	130	220	270	360
At station 5680	0.3	120	170	205	335
At station 5000	0.3	135	190	230	300
At station 3400	0.4	130	190	220	305
FLOW PATH NO. 34					
At mouth	0.5	310	540	660	950
FLOW PATH NO. 35					
At mouth	0.4	270	460	550	800
FLOW PATH NO. 36					
At mouth	2.5	640	1,370	1,740	2,800
FLOW PATH NO. 37 (Franklin Drain)					
At station 4220 ¹	0.2	45	80	90	170
At station 2650 ¹	0.3	90	160	190	350
At station 1070 ¹	0.4	33	157	180	290
REVISED BY LOMR DATED AUG 06, 2007					
↓					
FLOW PATH NO.38					
Just upstream of Pond 1	0.6	731	858	1,153	1,397
Just upstream of Northwestern Drive	3.1	601 ²	662 ²	894 ²	2,101 ²
FLOW PATH NO.38A					
5,200 feet upstream of Pond 4	1.8	815	1,260	1,450	1,910
FLOW PATH NO.38B					
9,500 feet upstream of Pond 4	0.8	430	655	750	980
↑					
FLOW PATH NO. 39					
Cross Section B	3.3	1,640	2,820	3,300	4,420
FLOW PATH NO. 39A					
Cross Section B	2.8	1,640	2,820	3,300	4,420

¹Feet above Mesa Drain Interceptor

²Flow rate reduction due to a number of ponds upstream

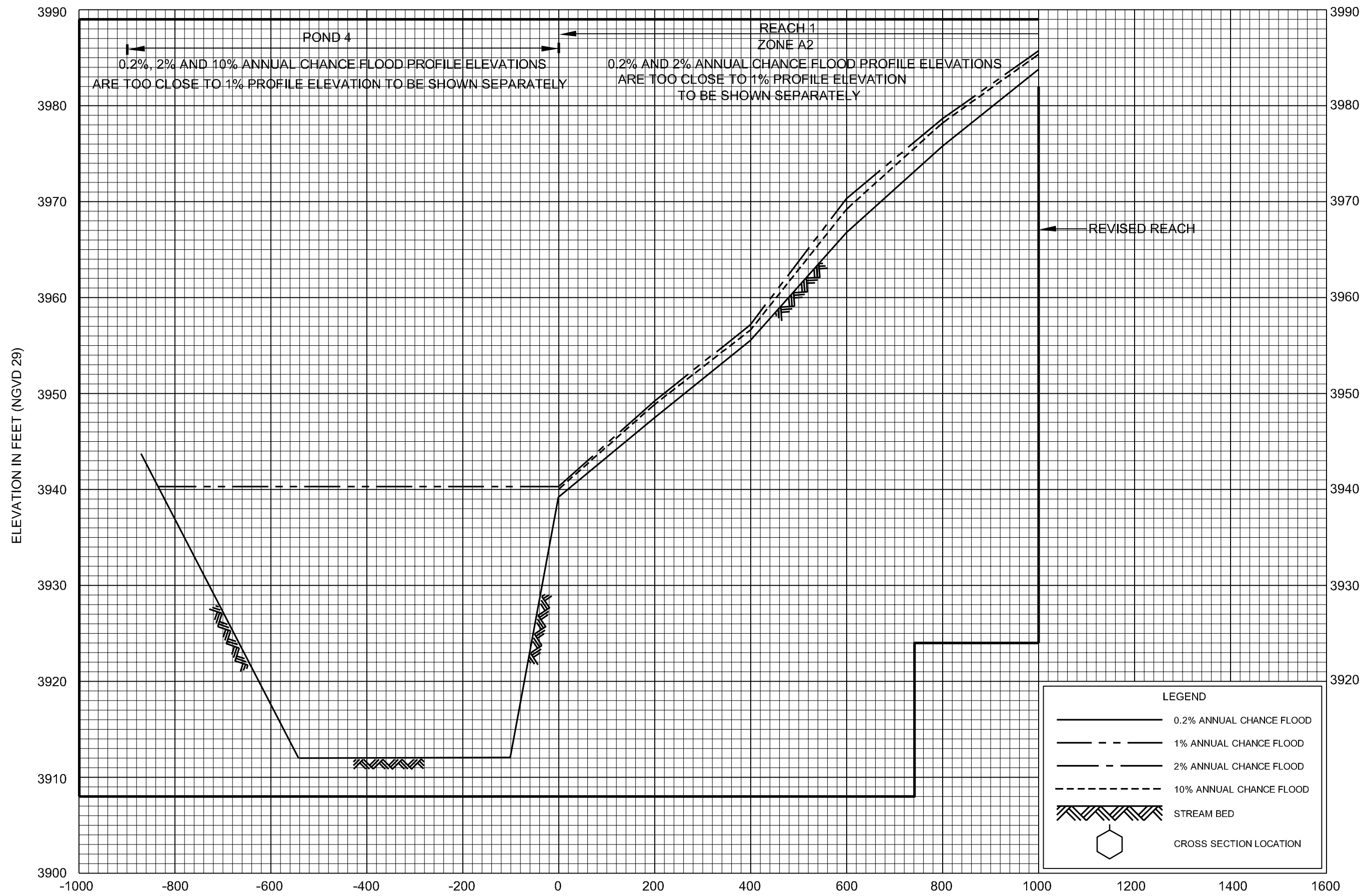
**REVISED TO
REFLECT LOMR
EFFECTIVE: June 8, 2011**

TABLE 4 - SUMMARY OF STILLWATER ELEVATIONS - (continued)

FLOODING SOURCE AND LOCATION	ELEVATION (feet)			
	10-YEAR	50-YEAR	100-YEAR	500-YEAR
NORTH HILLS DAM, DETENTION BASIN 2 Approximate center	*	4,212.0	4,213.5	4,216.7
FLOW PATH NO. 27A (Left bank lateral street flow of Flow Path No. 27) At Valencia Place	*	*	3,697.0	*
REVISIED BY LOMR DATED AUG 06, 2007 ↓				
FLOW PATH NO. 38 Pond 1 4,212.1 4,217.5 4,220.9 4,222.0 Pond 2 4,129.1 4,130.9 4,134.0 4,138.2 Pond 5 4,080.8 4,083.1 4,086.0 4,088.0				
Pond 3 4,073.4 4,073.8 4,073.9 4,074.2 Pond 4 3,940.1 3,940.3 3,940.3 3,940.5				
↑ REVISIED DATA				
OVERLAND FLOODING Northwest of Arroyo 1 and North of Mulberry Avenue	3,745.5	3,747.8	3,749.0	3,750.8
LOMALAND BASIN East bank of Juan De Herrera Lateral Branch A and Lomita Drive	3,677.5	3,681.0	3,683.0	3,686.0
SHALLOW FLOODING Between Juan De Herrera Lateral Branch B between Interstate 10 and Flow Path No. 28 (Mesa Drain Interceptor)	*	*	3,668.0	*
West bank of Ysleta Lateral at Americas Avenue	*	*	3,665.0	*
West of Flow Path No. 28 (Mesa Drain and Interceptor - Franklin Drive) at Oro Verde	*	*	3,664.0	*
MIDDLE DRAIN (Below Interceptor) Ponding Area 1 Inglewood Drive	*	*	3,665.0	*
Ponding Area 2 Approximate Center	*	*	3,664.0	*
PLAYA LATERAL Approximately 300 feet southeast of Zaragoza Road	3,661.2	3,661.9	3,662.0	3,663.4
Shallow flooding west of Flow Path No. 27 at Knights Drive	*	*	3,677.0	*

* Data not determined

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NOTE: SUBTRACT 8.462 FEET FROM NGVD ELEVATIONS
TO CONVERT TO EL PASO DATUM

STREAM DISTANCE IN FEET ABOVE POND 4 INLET

**REVISED TO
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EFFECTIVE: June 8, 2011**

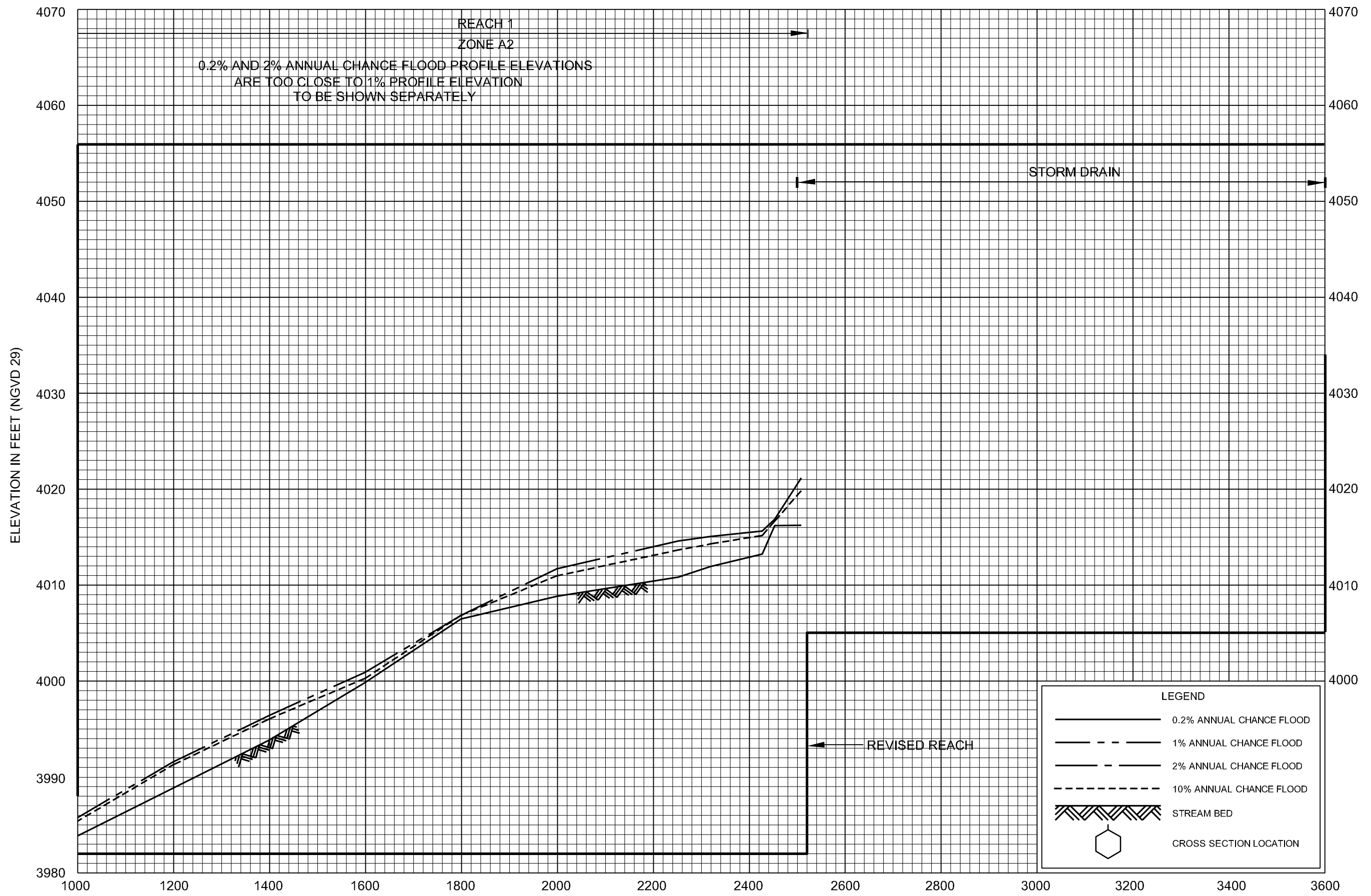
FLOOD PROFILES

FLOW PATH NO. 38A

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF EL PASO, TX
(EL PASO CO.)

228P



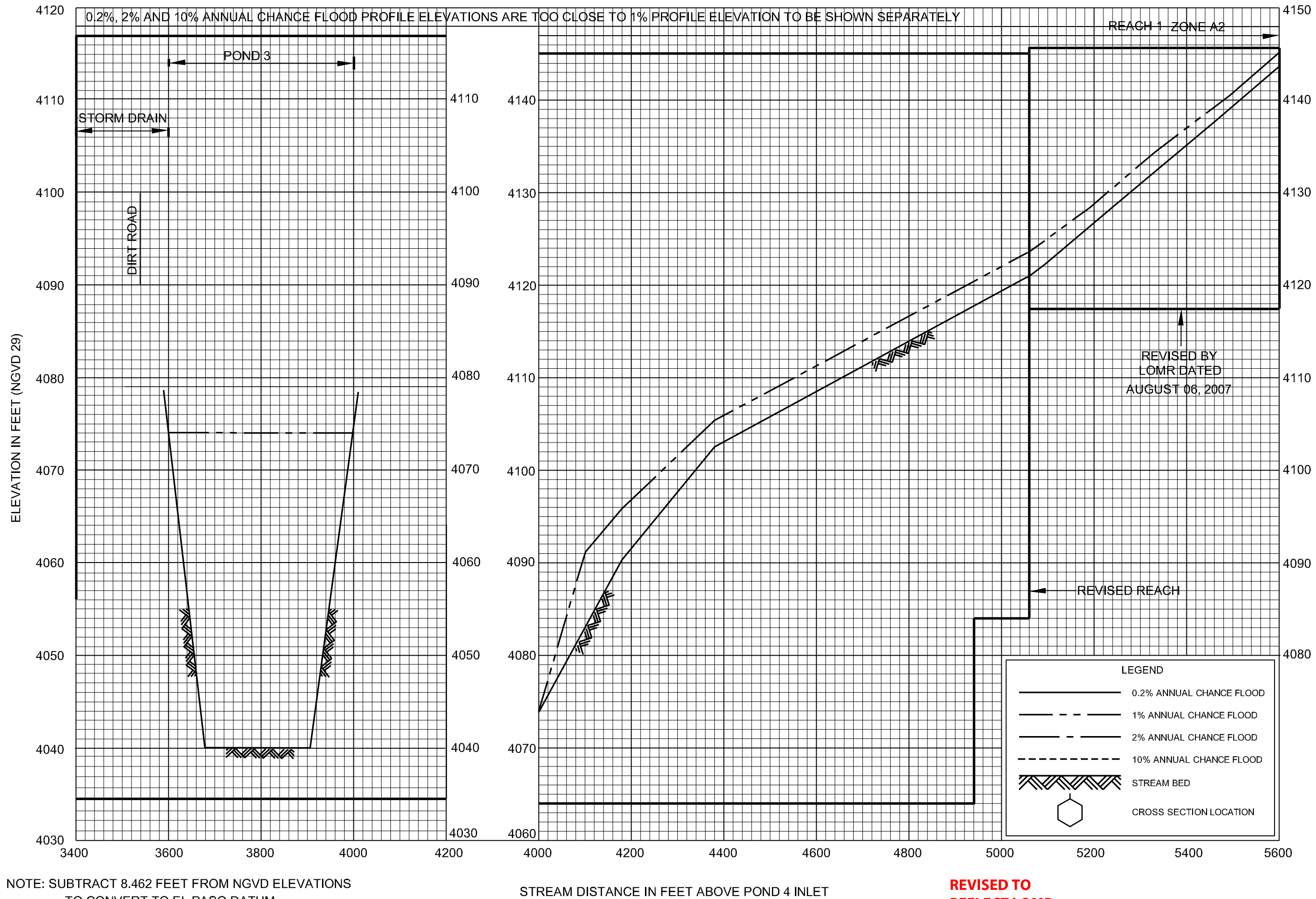
NOTE: SUBTRACT 8.462 FEET FROM NGVD ELEVATIONS TO CONVERT TO EL PASO DATUM

STREAM DISTANCE IN FEET ABOVE POND 4 INLET

REVISED TO REFLECT LOMR
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LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES	FLOW PATH NO. 38A
FEDERAL EMERGENCY MANAGEMENT AGENCY	CITY OF EL PASO, TX (EL PASO CO.)
229P	



FLOOD PROFILES

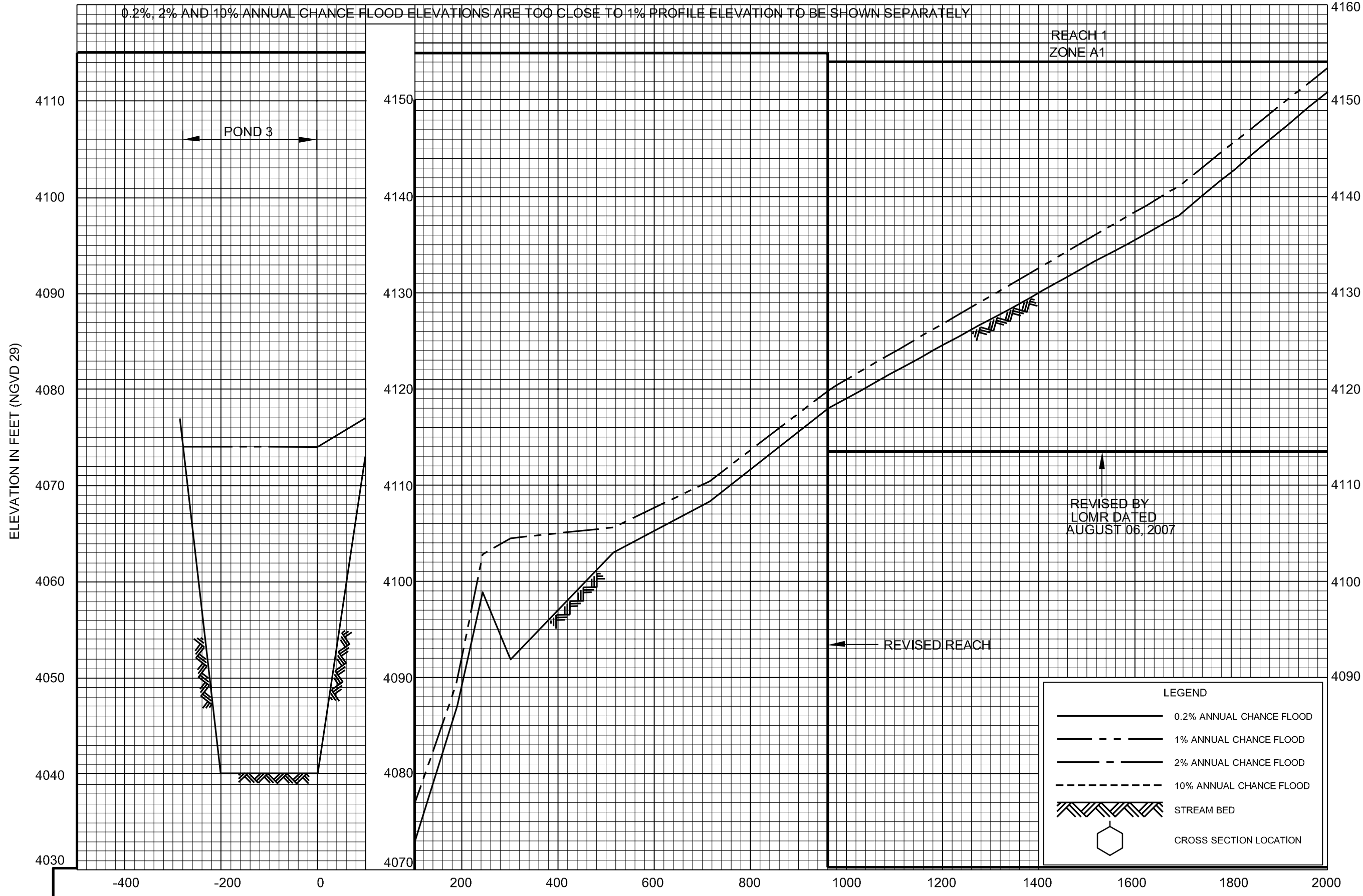
FLOW PATH NO. 38A

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF EL PASO, TX
(EL PASO CO.)

230P

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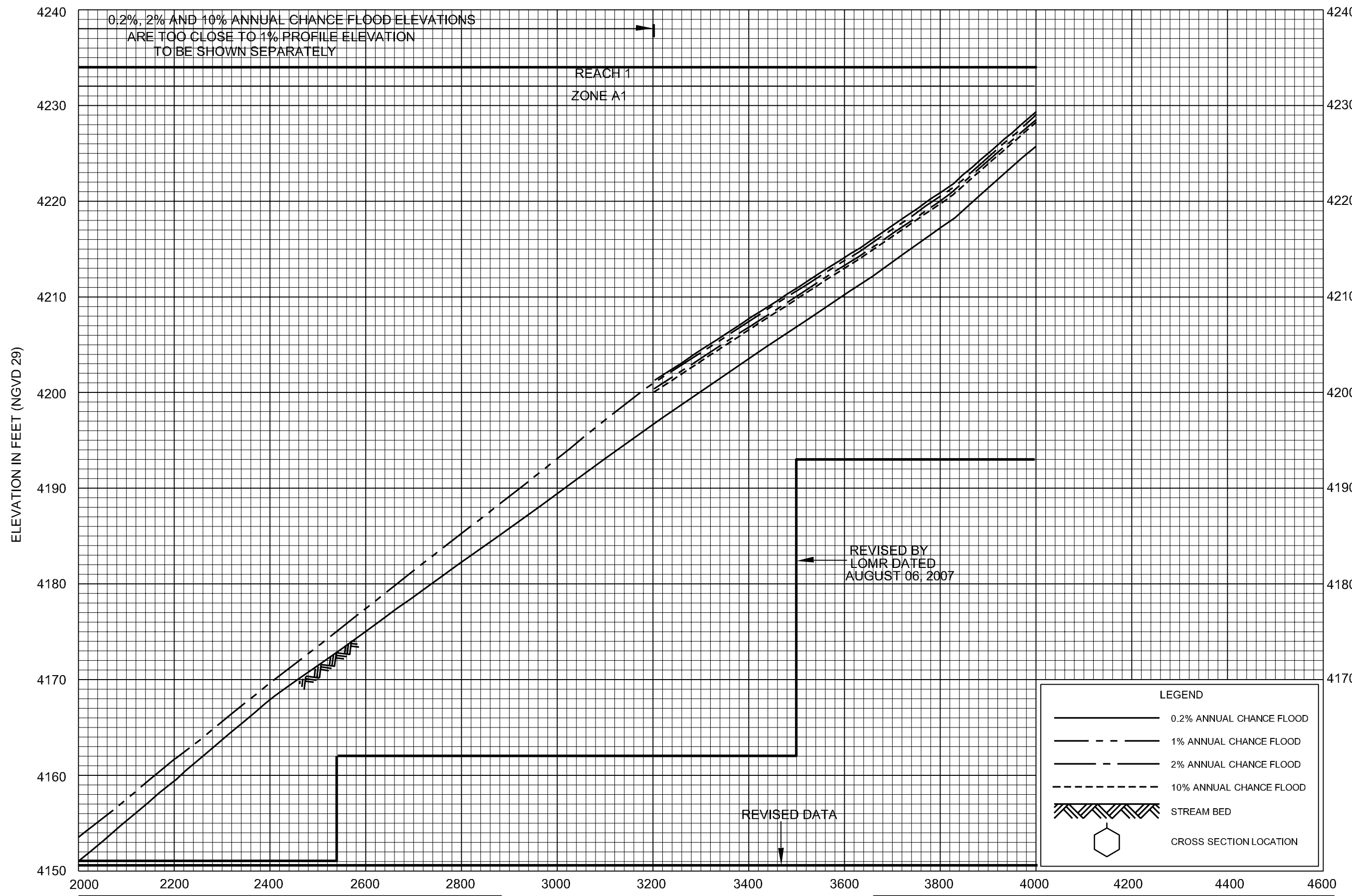
NOTE: SUBTRACT 8.462 FEET FROM NGVD ELEVATIONS TO CONVERT TO EL PASO DATUM

REVISED TO REFLECT LOMR EFFECTIVE: June 8, 2011

FLOOD PROFILES
FLOW PATH NO. 38B

FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF EL PASO, TX
(EL PASO CO.)

236P

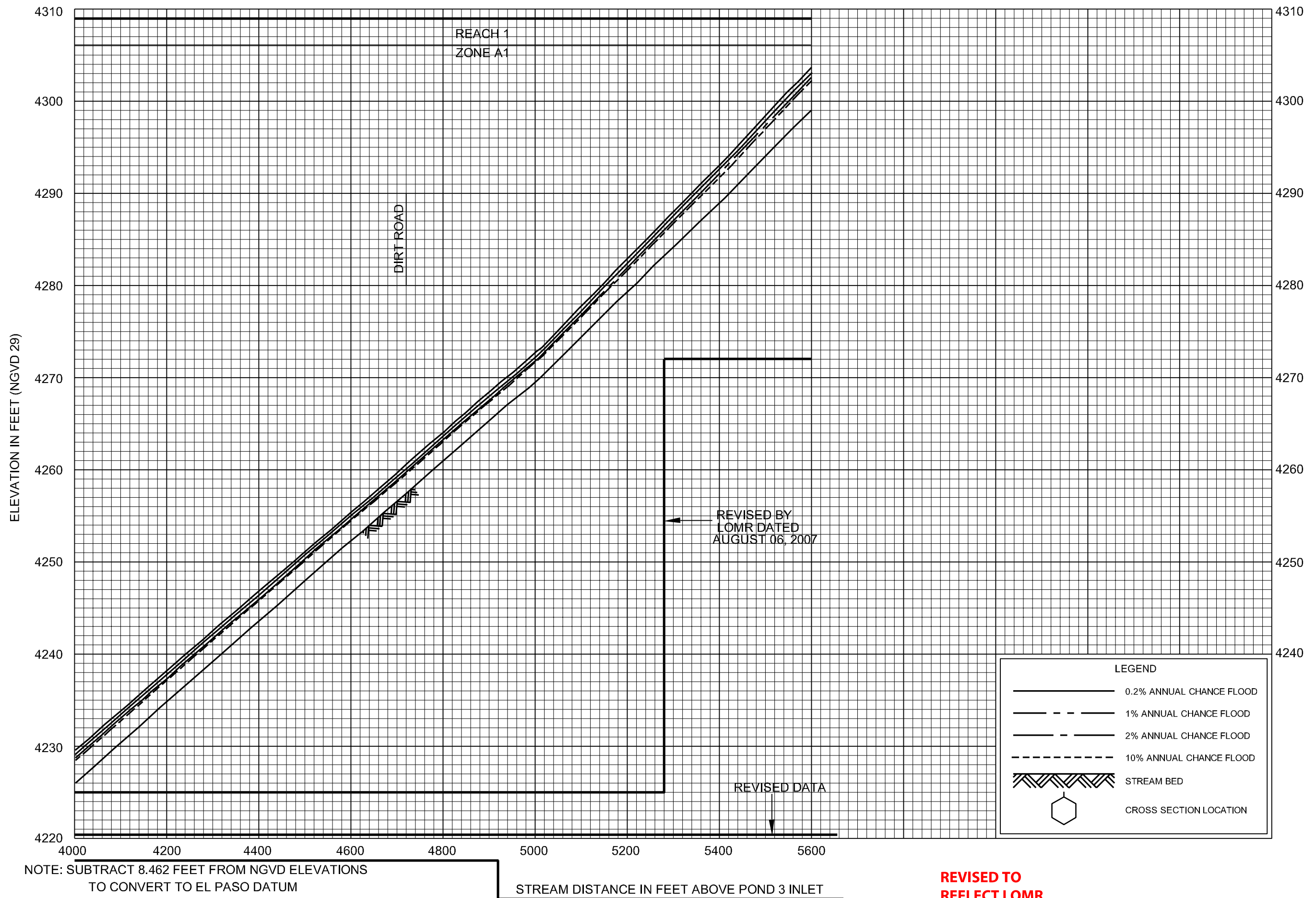


FLOOD PROFILES
FLOW PATH NO. 38B

FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF EL PASO, TX
(EL PASO CO.)

237P

REVISED TO
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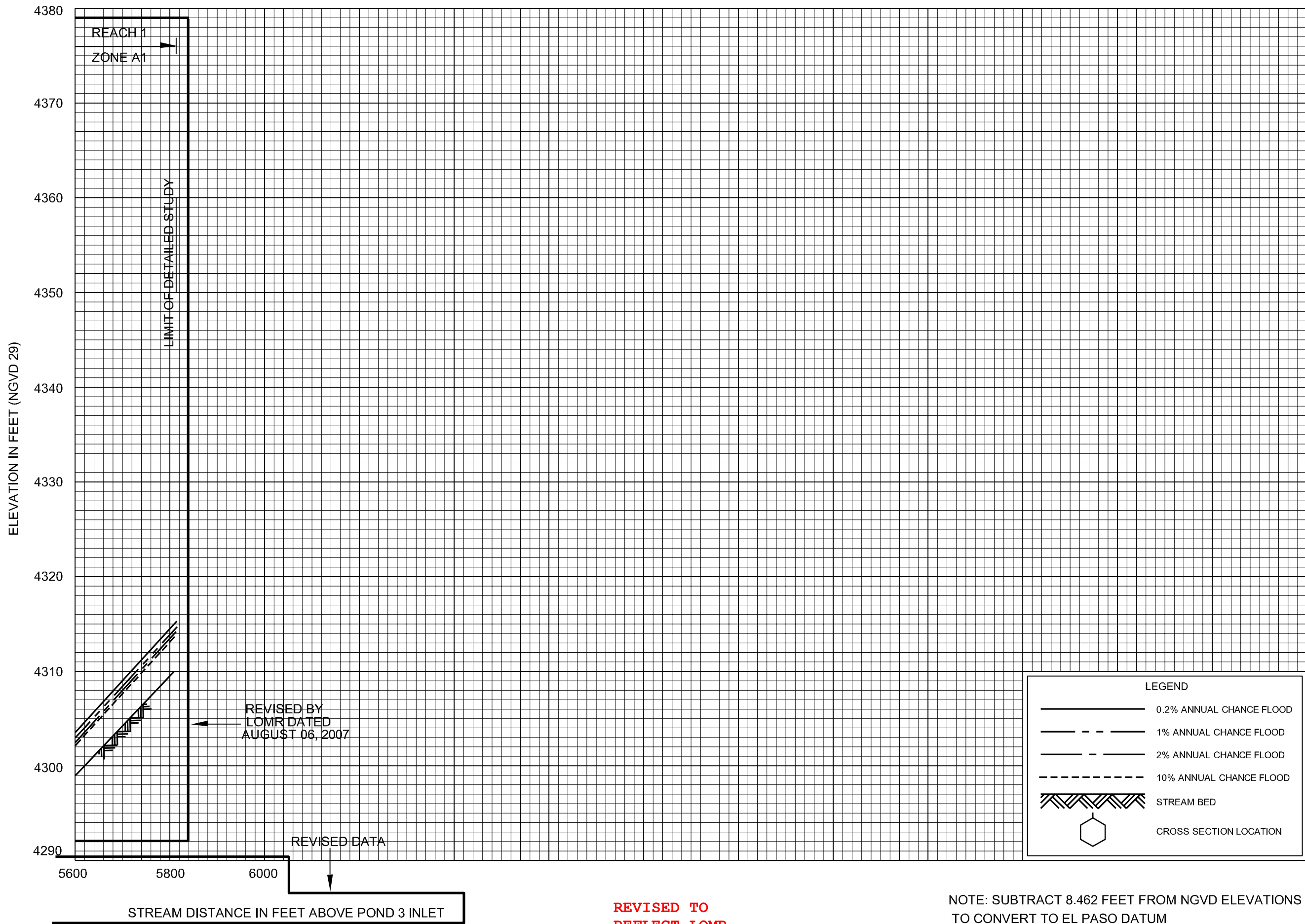


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FLOOD PROFILES
FLOW PATH NO. 38B

FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF EL PASO, TX
(EL PASO CO.)

238P



LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

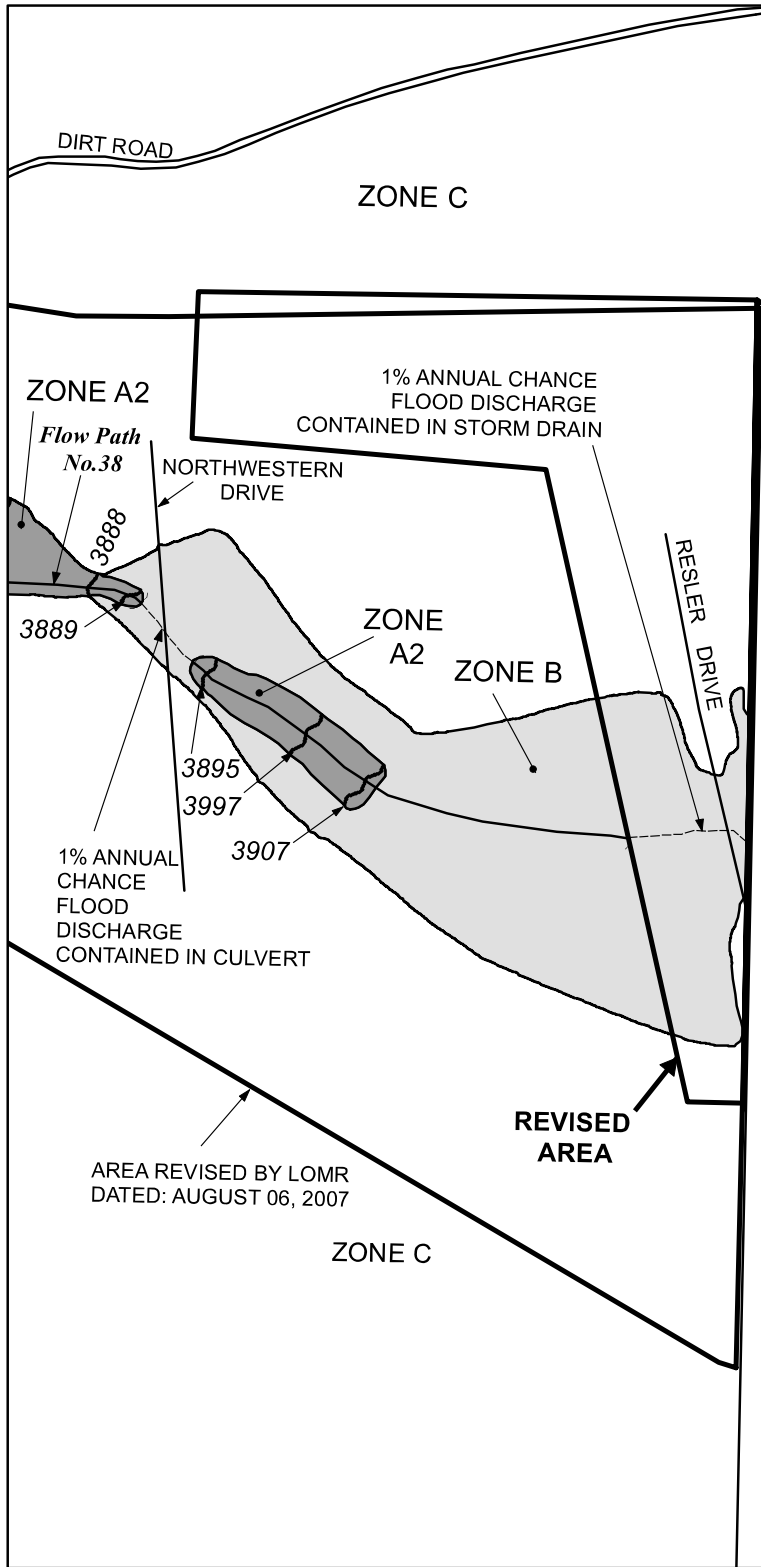
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FLOOD PROFILES
FLOW PATH NO. 38B

FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF EL PASO, TX
(EL PASO CO.)

239P

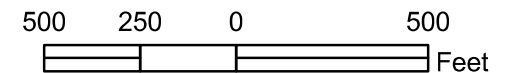


Legend

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



MAP SCALE 1"= 500'



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF EL PASO, TEXAS
EL PASO COUNTY

PANEL 16 OF 052

(SEE MAP INDEX FOR PANELS NOT PRINTED)

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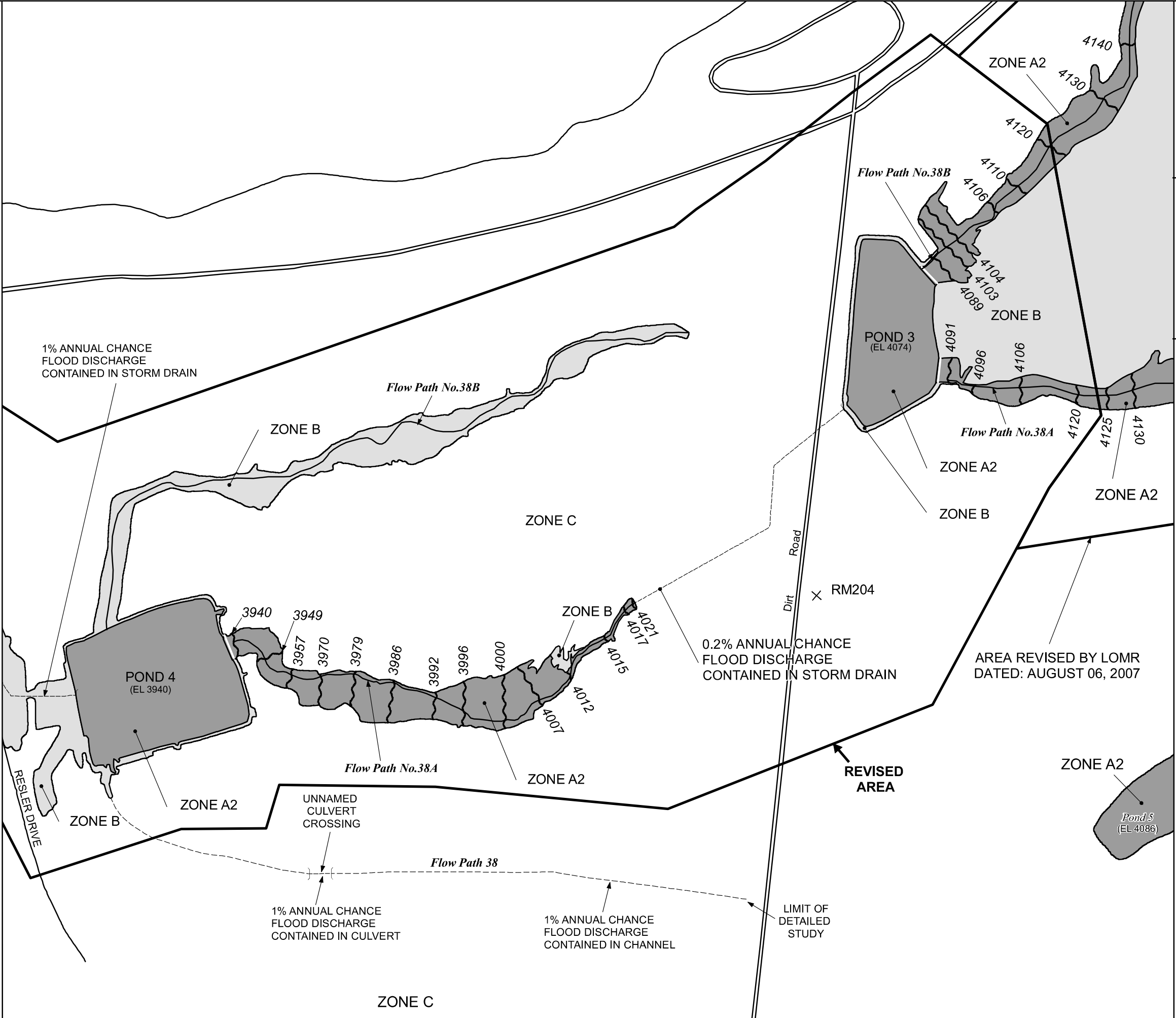
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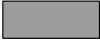


MAP REVISED
FEBRUARY 5, 1986

Federal Emergency Management Agency

JOINS PANEL 16

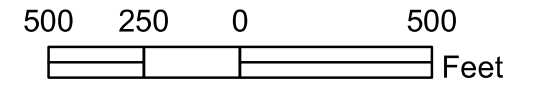


Legend

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



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
 FLOOD INSURANCE RATE MAP
 CITY OF
 EL PASO,
 TEXAS
 EL PASO COUNTY

PANEL 17 OF 52

(SEE MAP INDEX FOR PANELS NOT PRINTED)

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