

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

			PROJECT DESCRIPTION		BASIS OF REQUEST			
COMMUNITY	F	County Iorida orated Areas)	NO PROJECT	FLOODWAY HYDRAULIC HYDROLOGI UPDATED TC				
	COMMUNITY NO.: 125124							
IDENTIFIER	Bedman Creek/Dog Canal LC 18-04-4220P)	DMR (Previous LOMR Case No.	APPROXIMATE LATITUDE AND LONGITUDE: 26.658, -81.566 SOURCE: USGS QUADRANGLE DATUM: NAD 83					
	ANNOTATED MAPPING EN	ICLOSURES	ANNOTATED STUDY ENCLOSURES					
TYPE: FIRM* TYPE: FIRM TYPE: FIRM TYPE: FIRM TYPE: FIRM TYPE: FIRM Enclosures reflect * FIRM - Flood Ins	NO.: 12071C0336F   NO.: 12071C0337F   NO.: 12071C0338F   NO.: 12071C0339F   NO.: 12071C0476F   NO.: 12071C0477F   changes to flooding sources af urance Rate Map	DATE: August 28, 2008 DATE: August 28, 2008	DATE OF EFFECTIVE FLOOD INS PROFILES: 05P, 06P FLOODWAY DATA TABLE: 1 SUMMARY OF DISCHARGES		ecember 07, 2018			
		FLOODING SOURCE	AND REVISED REACH					
Bedman Creek/Dog Canal - from the downstream side of 16th Terrace to approximately 2,700 feet downstream of 2nd Place								
			F REVISIONS					
Bedman Creek/Dog Canal Zone AE Zone AE BFEs*		Zone AE	Zone AE Y Zone X (shaded) N BFEs N	Creases Decreas S YES DNE YES DNE YES S YES	ses			
* BFEs - Base Floo	od Elevations							
		DETERM	INATION					
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 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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.								

Patrick "Rick" F. Sacbibit, Chief Engineering Services 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: 120107	Name: Hendry Cour	nty, Florida
AFFECTED MA	P PANELS	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM NO.: 12051C0165D   TYPE: FIRM NO.: 12051C0170D   TYPE: FIRM NO.: 12051C0325D	DATE: July 6, 2015 DATE: July 6, 2015 DATE: July 6, 2015	NO REVISION TO THE FLOOD INSURANCE STUDY REPORT

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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.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

#### **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 Map Information 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 <a href="https://www.fema.gov/national-flood-insurance-program">https://www.fema.gov/national-flood-insurance-program</a>.

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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:

Mr. Jesse Munoz Director, Mitigation Division Federal Emergency Management Agency, Region IV Koger Center - Rutgers Building, 3003 Chamblee Tucker Road Atlanta, GA 30341 (770)-220-5406

#### 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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <a href="https://www.fema.gov/national-flood-insurance-program">https://www.fema.gov/national-flood-insurance-program</a>.

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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: *Fort Myers News-Press* Dates: July 18, 2019 and July 25, 2019

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 Map Information 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 <a href="https://www.fema.gov/national-flood-insurance-program">https://www.fema.gov/national-flood-insurance-program</a>.

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	Drainage Area	PEAK DISCHARGES (cfs)					
Flooding Source and Location	(Square Miles)	10-Percent-	4-Percent-Annual-	1-Percent-	0.2-Percent-		
	(Bquare miles)	Annual-Chance	<u>Chance</u>	Annual-Chance	Annual-Chance		
BEDMAN CREEK / DOG							
CANAL - continued							
Just downstream of 16th Terrace	8.05	346	842	1,622	2,549		
Just downstream of Weir S-D-2 Just downstream of 10th Place	6.12	346	596	1,214	1,909		
Just downstream of Totil Trace	3.97	161	383	783	1,230		

## Table 8 – Summary of Discharges (continued)

REVISED TO REFLECT LOMR EFFECTIVE: November 22, 2019

FLOODING SOURCE		FLOODWAY		BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)					
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE	
BEDMAN CREEK / DOG CANAL (Continued)									
К	12,724	786	4,349	0.8	14.9	14.9	15.9	1.0	
L	13,924	1,138	6,237	0.6	15.0	15.0	16.0	1.0	
М	15,024	1,507	7,603	0.5	15.1	15.1	16.1	1.0	
N	15,774	1,361	4,077	0.9	15.3	15.3	16.3	1.0	
0	21,474	86	723	4.2	19.9	19.9	20.3	0.4	
P	29,922	215 / 160 <sup>4</sup>	943	2.1	23.6	23.6	24.6	1.0	
Q	32,949	128	1,056	1.3	23.9	23.9	24.8	0.9	
R	39,208	151	794	1.2	24.5	24.5	25.3	0.8	
S	43,011	125	678	1.3	24.7	24.7	25.5	0.8	
Т	46,732	96	510	0.7	24.8	24.8	25.6	0.8	
BILLY CREEK									
Α	505	107	772	5.6	6.8 <sup>2</sup>	1.3 <sup>3</sup>	1.8	0.5 RE	
В	3,482	115	787	5.5	6.8 <sup>2</sup>	4.8 <sup>3</sup>	5.2	0.4 DA	٩T
С	5,126	178	1,244	3.4	6.8 <sup>2</sup>	6.1 <sup>3</sup>	6.6	0.5	

<sup>1</sup>Feet above mouth.

TABLE

1

<sup>2</sup>Elevation computed without consideration of wave effects.

<sup>3</sup>Elevation computed without consideration of backwater effects from Caloosahatchee River.

<sup>4</sup>Total width / width within county boundary

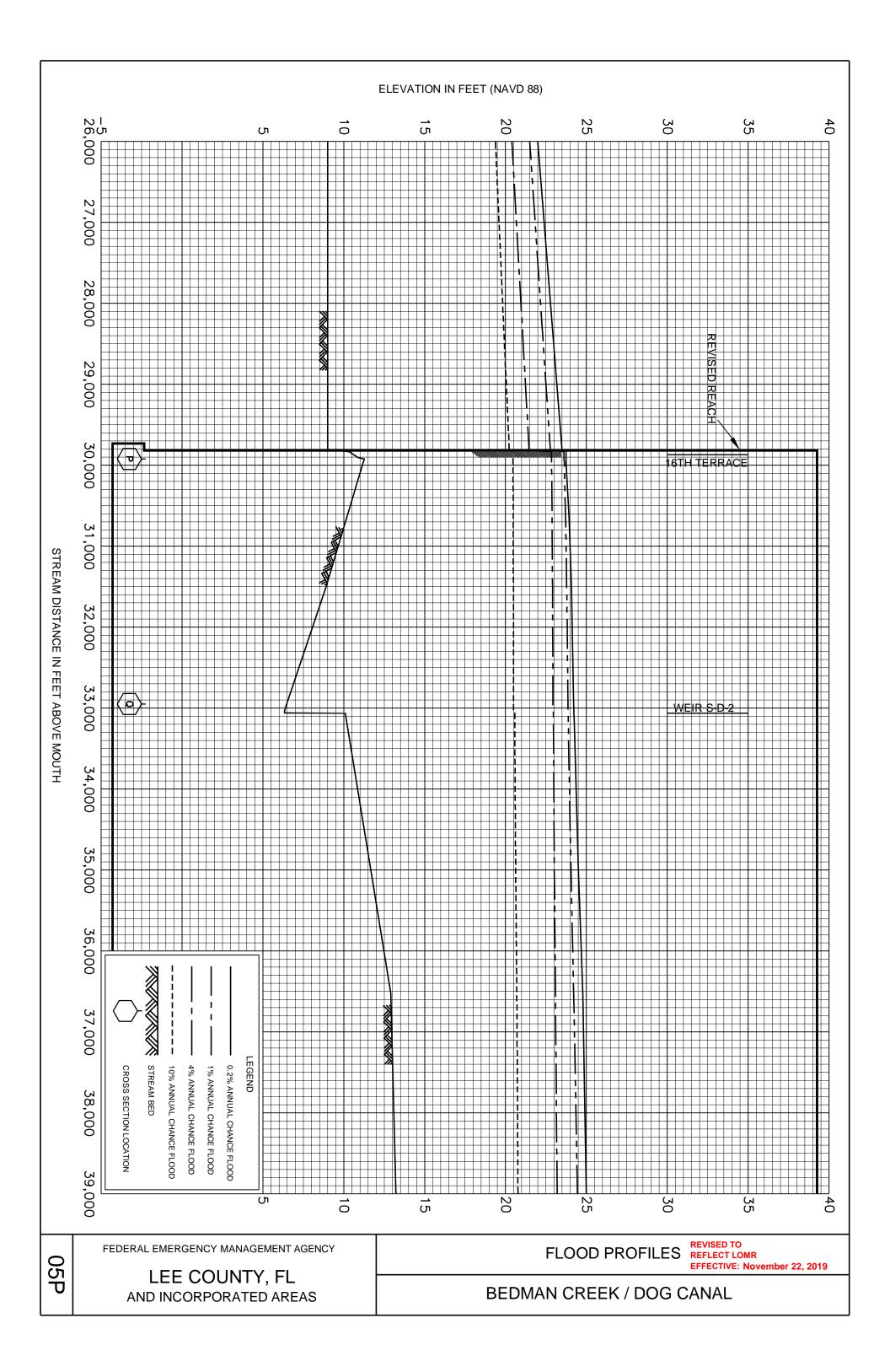
FEDERAL EMERGENCY MANAGEMENT AGENCY

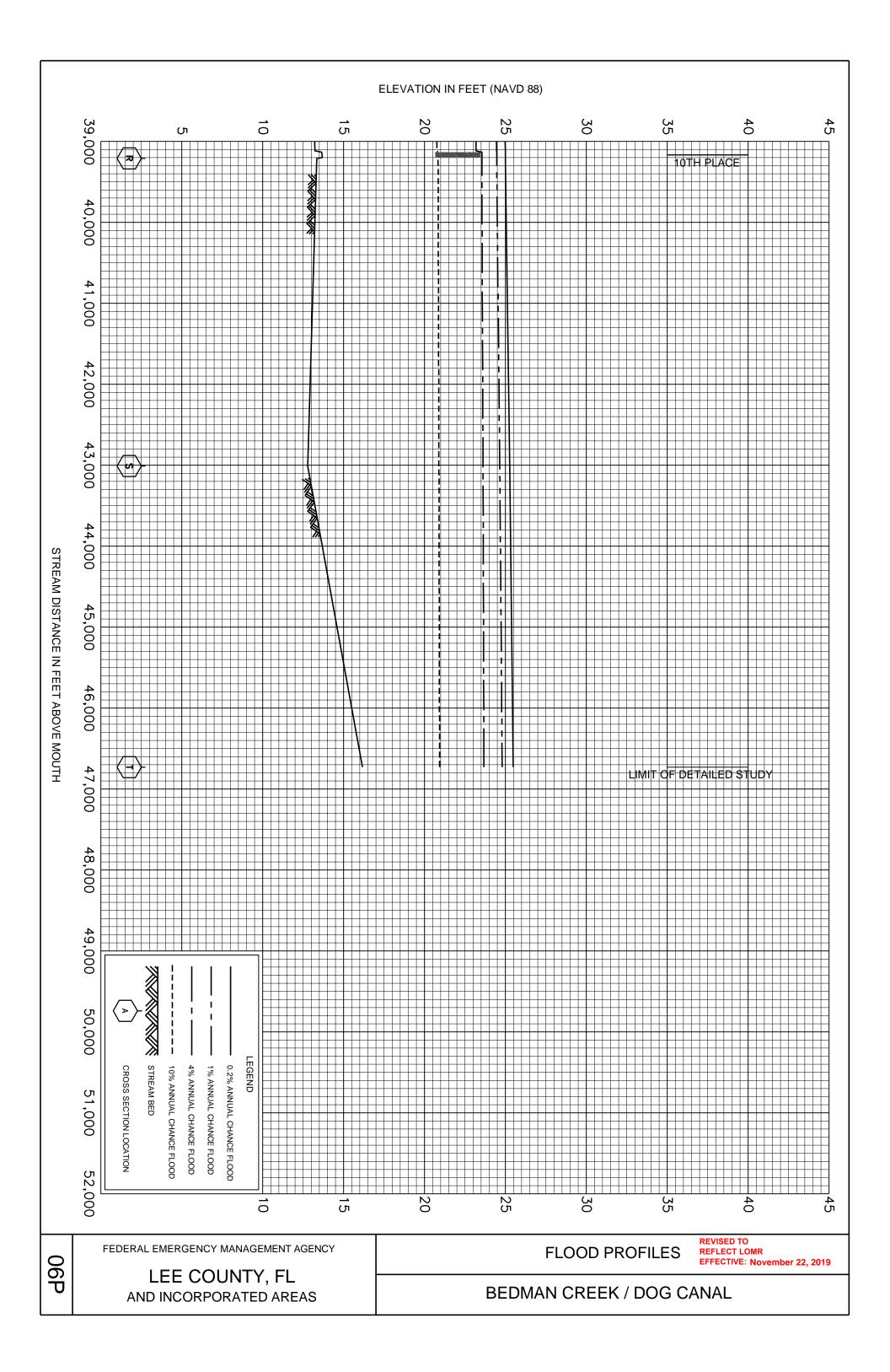
LEE COUNTY, FL AND INCORPORATED AREAS

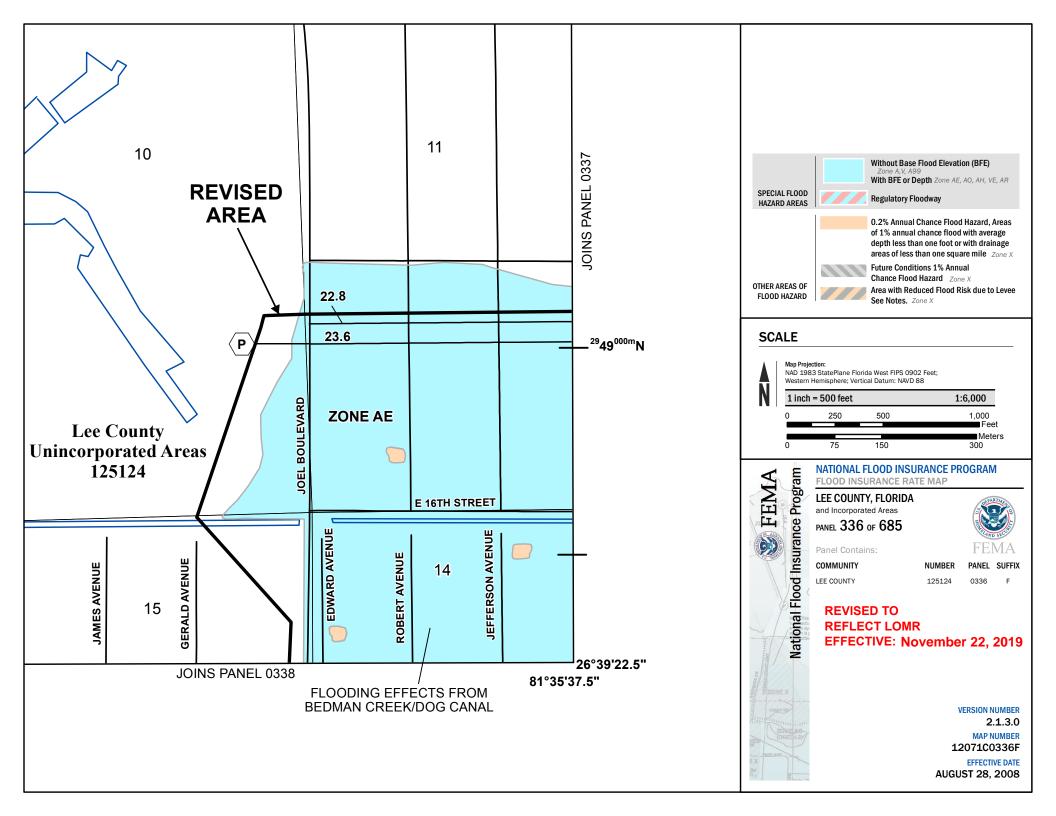
# FLOODWAY DATA REFLECT LOWR

EFFECTIVE: November 22, 2019

## BEDMAN CREEK / DOG CANAL - BILLY CREEK



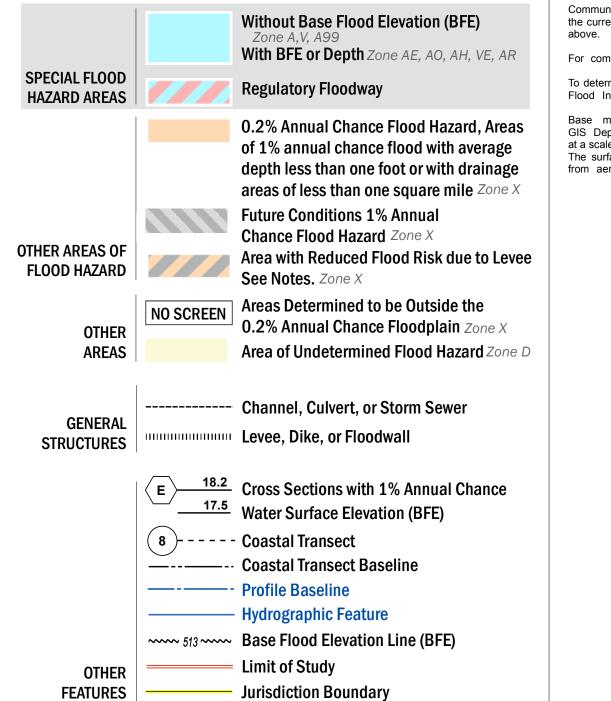






# NOTES TO USERS





# For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

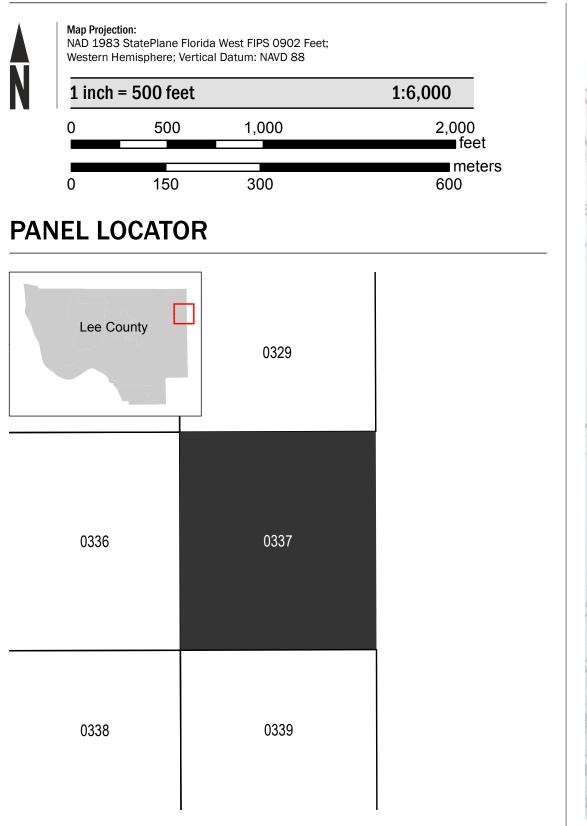
Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in the community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was provided in digital format by the Lee County GIS Department. The Road centerline information was constructed based on orthophotography produced at a scale of 1"=100' from aerial imagery flown in 1998 and updated using orthophotography dated 2002 and 2005. The surface water features were also constucted based on orthophotography produced at a scale of 1"=100' from aerial imagery flown in 1998.





NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP

LEE COUNTY, FLORIDA and Incorporated Areas PANEL 337 OF 685

FEMA

Flood Insurance Program

National

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### Panel Contains:

COMMUNITY N LEE COUNTY

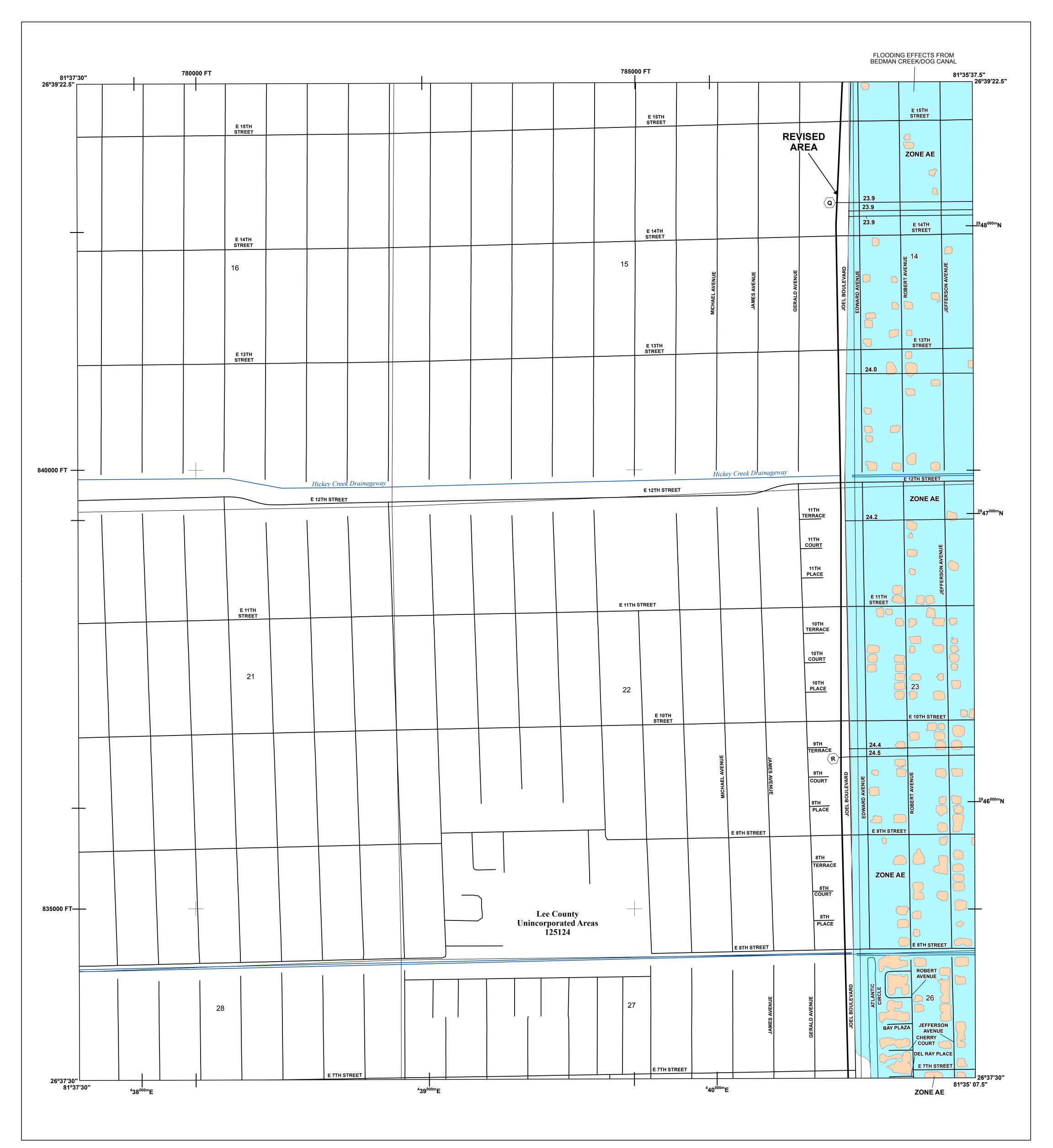
NUMBER PANEL SUFFIX 125124 0337 F

REVISED TO REFLECT LOMR EFFECTIVE: November 22, 2019

> VERSION NUMBER 2.1.3.0

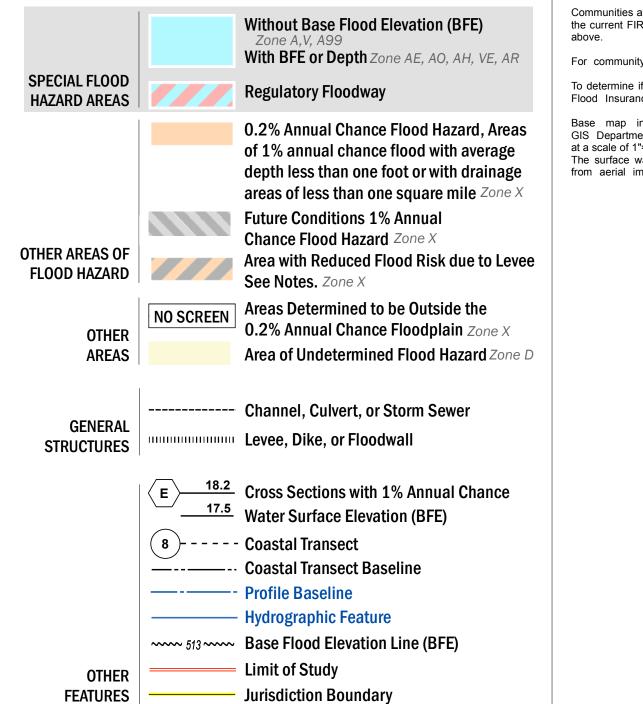
MAP NUMBER 12071C0337F

EFFECTIVE DATE AUGUST 28, 2008



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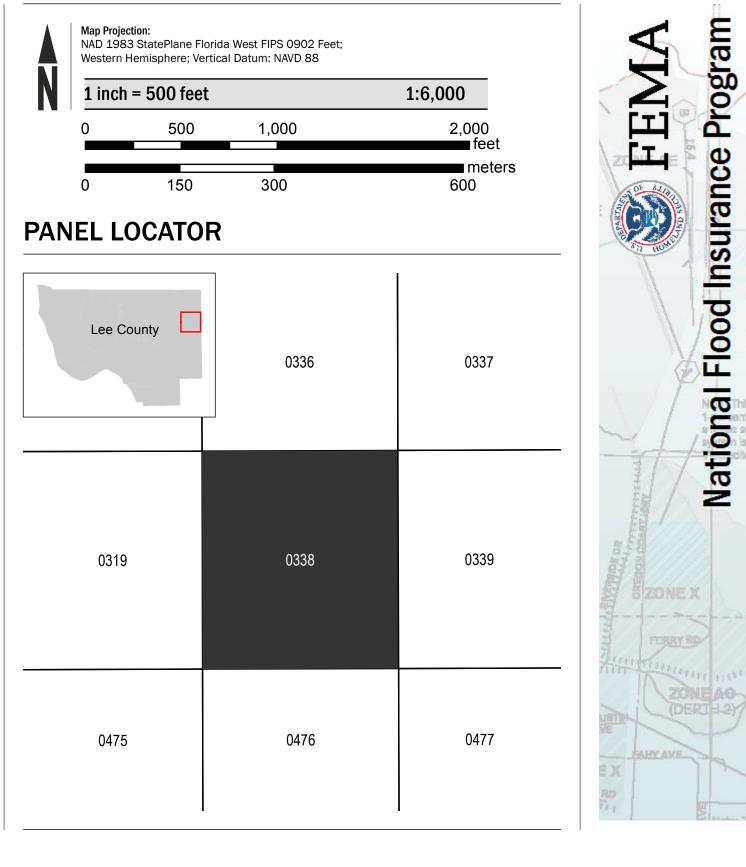
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NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP

LEE COUNTY, FLORIDA and Incorporated Areas PANEL 338 OF 685



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#### Panel Contains:

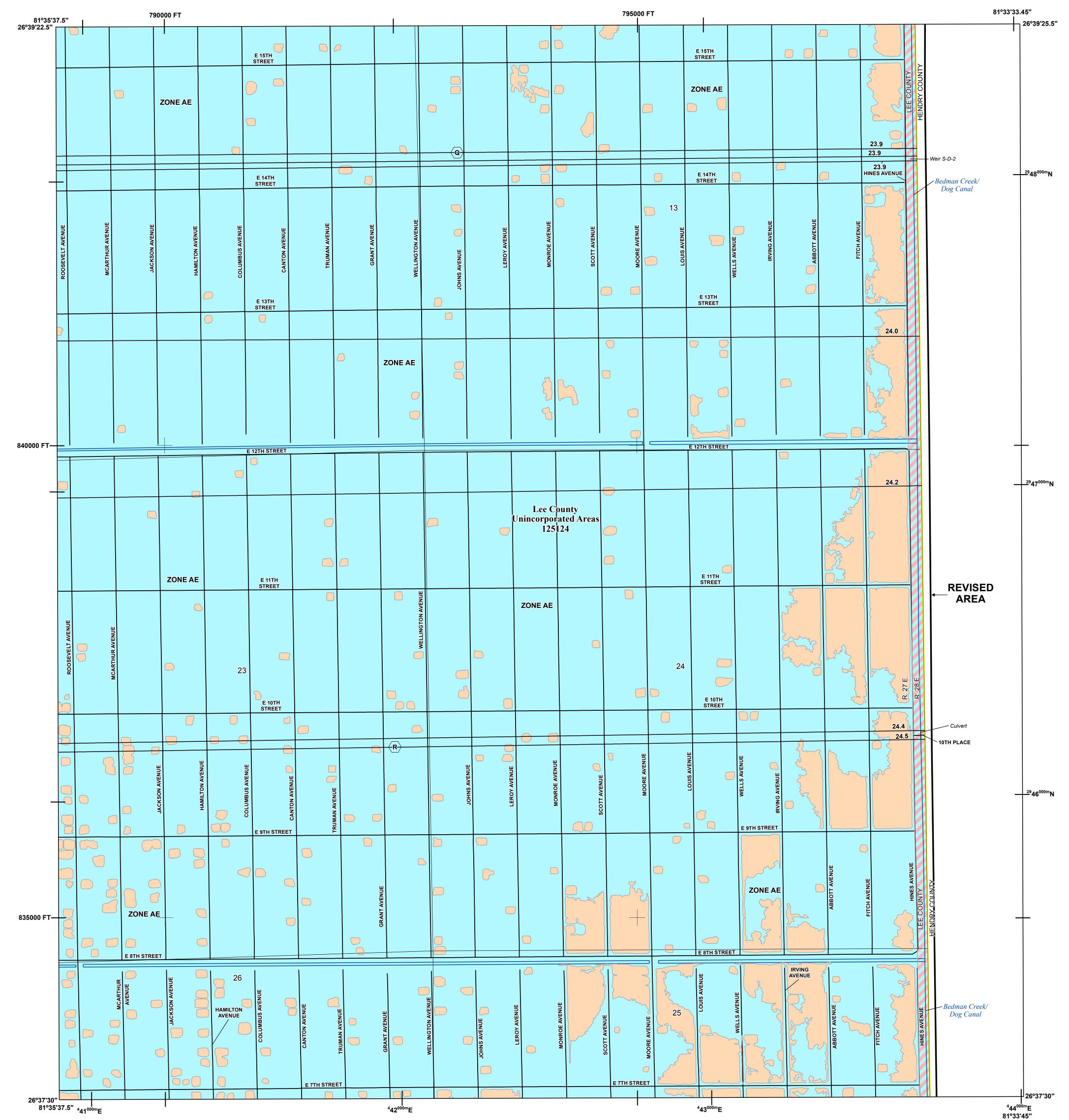
COMMUNITY NUMBER PANEL SUFFIX LEE COUNTY 125124 0338

**REVISED TO REFLECT LOMR** EFFECTIVE: November 22, 2019

> **VERSION NUMBER** 2.1.3.0

MAP NUMBER 12071C0338F

**EFFECTIVE DATE** AUGUST 28, 2008



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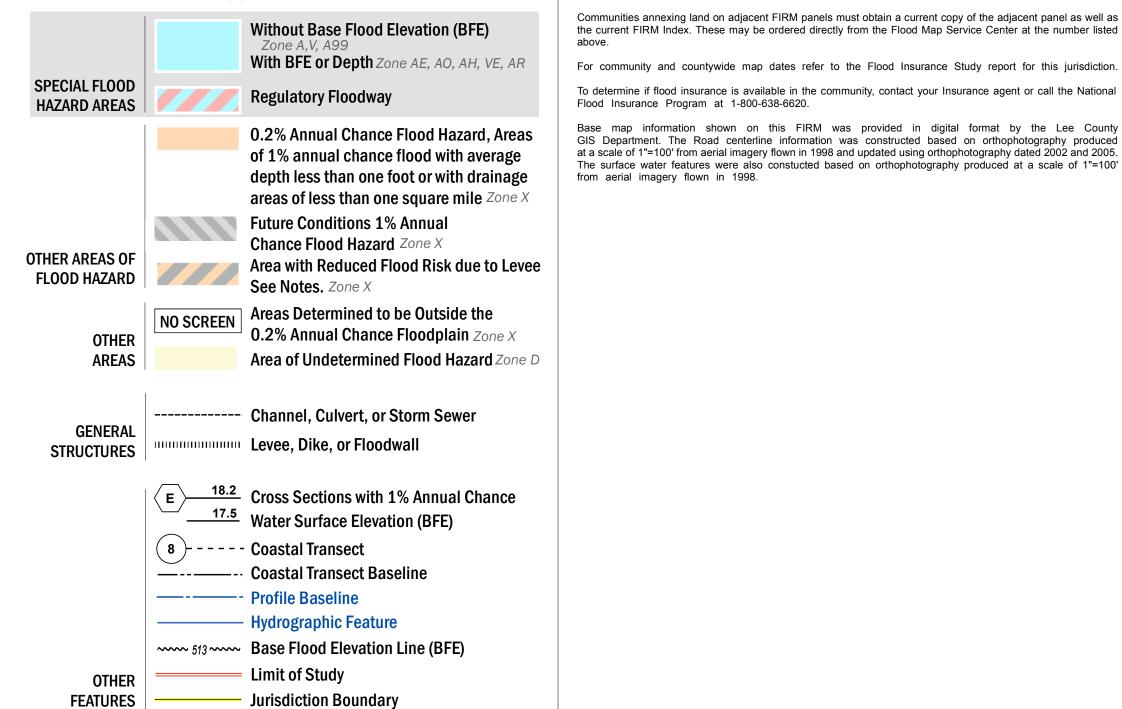
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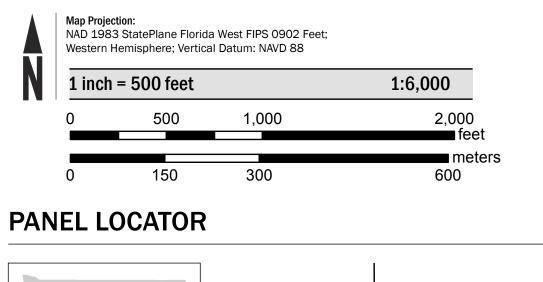
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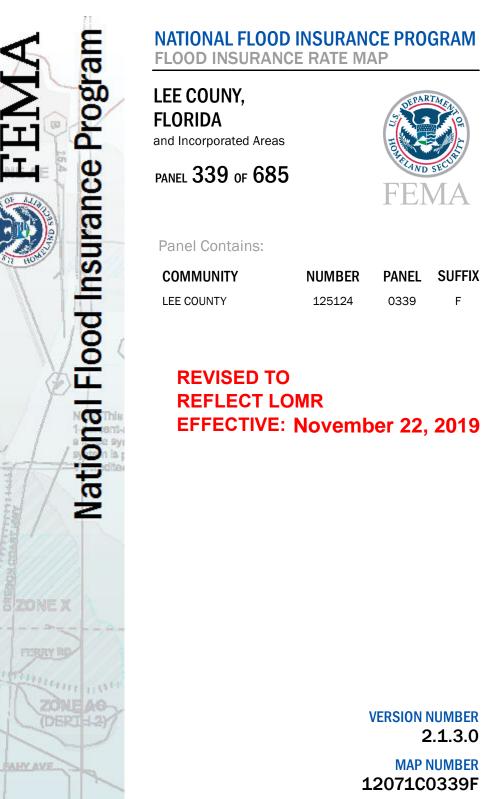
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV



# SCALE





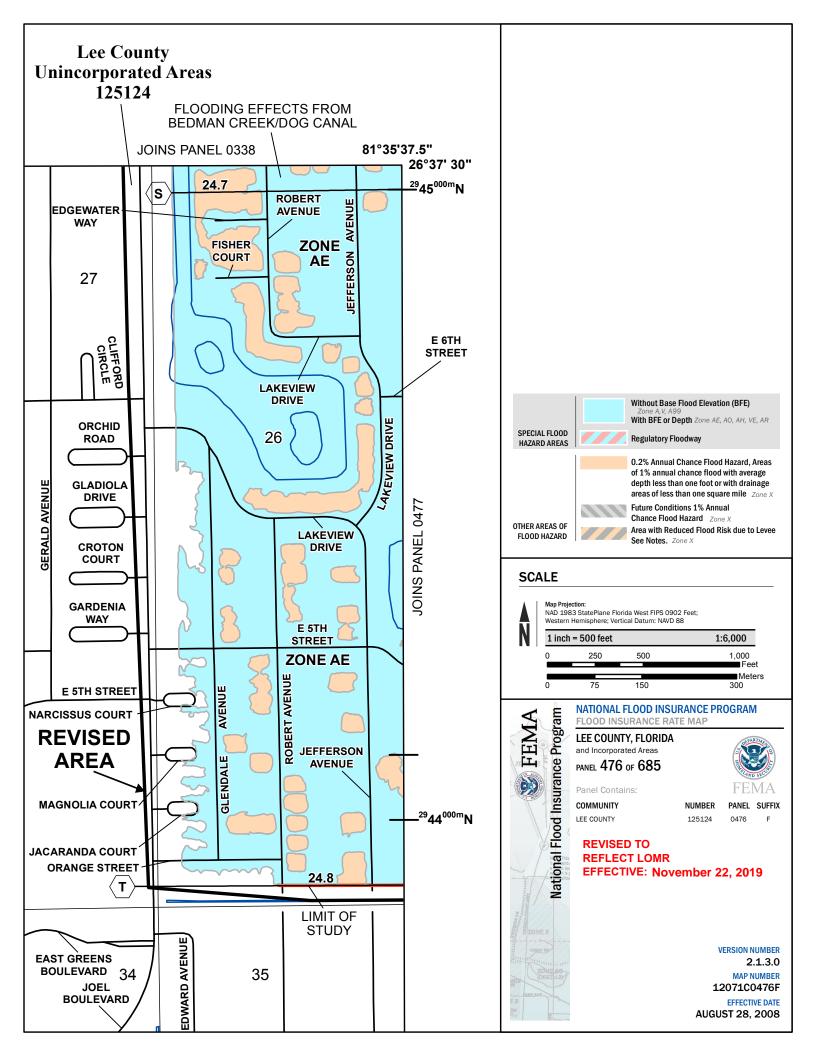


FEMA

**EFFECTIVE DATE** AUGUST 28, 2008

2.1.3.0

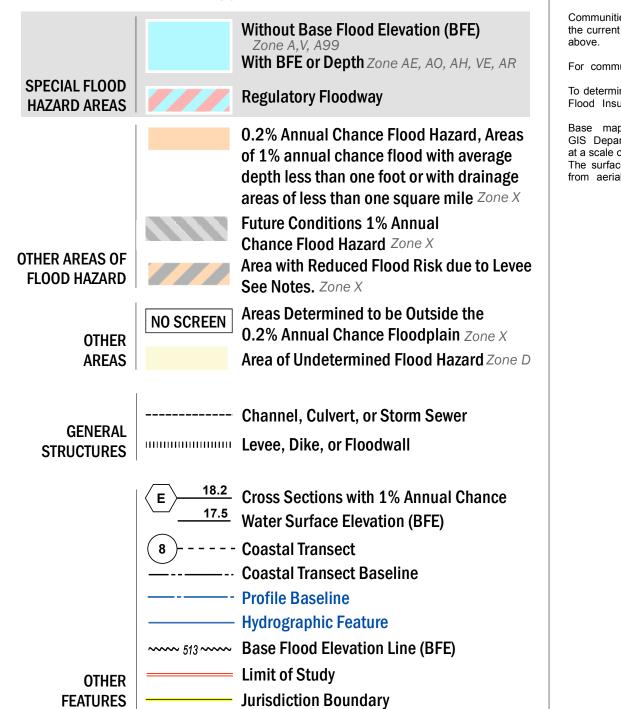
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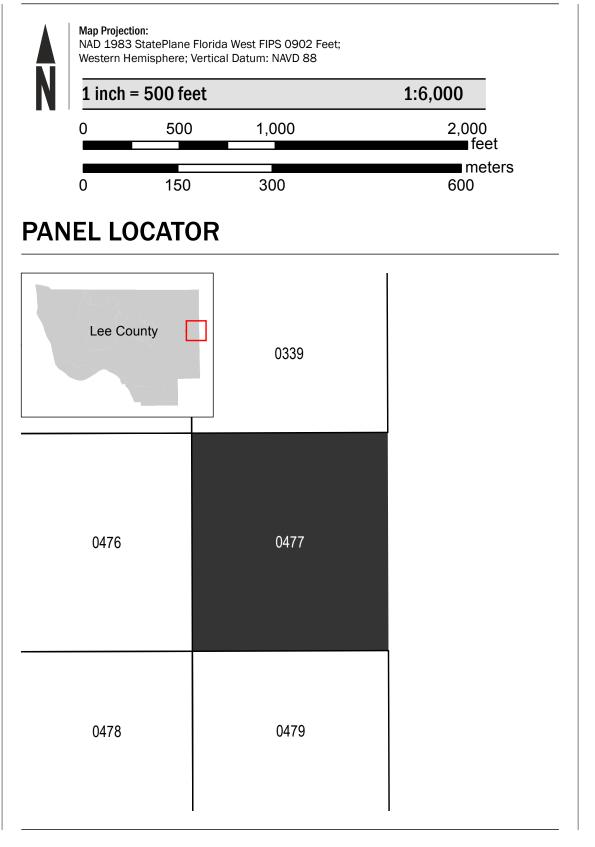
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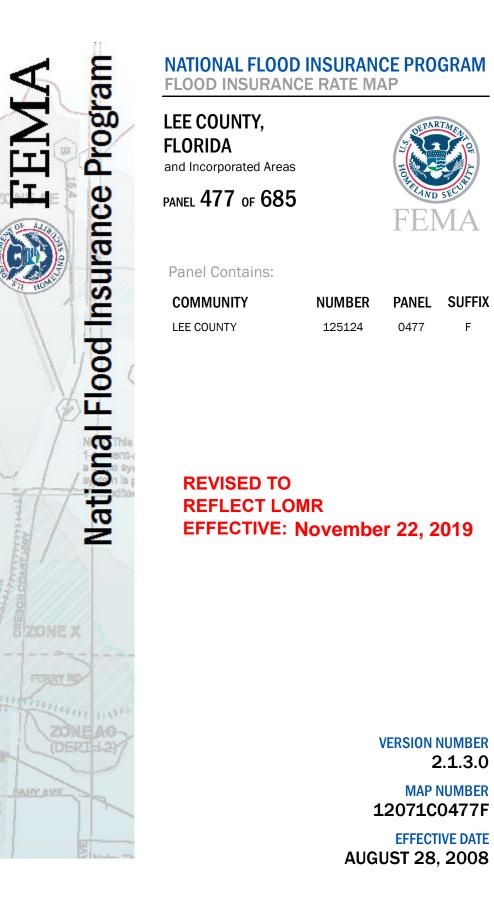
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TEMA

PANEL SUFFIX

**VERSION NUMBER** 

2.1.3.0

MAP NUMBER

**EFFECTIVE DATE** 

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