



Federal Emergency Management Agency

Washington, D.C. 20472

July 30, 2010

2010 AUG 05 2010

BY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Tammy Hall
Chair, Board of County Commissioners
Lee County
P.O. Box 398
Fort Myers, FL 33902-0398

IN REPLY REFER TO:

Case No.: 10-04-3805P
Community Name: Lee County, FL
Community No.: 125124
Effective Date of
This Revision: July 30, 2010

Dear Ms. Hall:

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 panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which 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 Atlanta, Georgia, at (770) 220-5400, 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 website at <http://www.fema.gov/nfip>.

Sincerely,

Beth A Norton

Beth A. Norton, Program Specialist
Engineering Management Branch
Mitigation Directorate

For: Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate

List of Enclosures:

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

cc: Mr. Robert Stewart
Floodplain Manager
Public Works Department
Lee County

Ms. Elizabeth A. Fountain, P.E.
Q. Grady Minor & Associates, P.A

Mr. Guy Paparella

Mr. Walter Johnson



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Lee County Florida (Unincorporated Areas)	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 125124		
IDENTIFIER	Ten Mile Old Us 41 LOMR	APPROXIMATE LATITUDE & LONGITUDE: 26.501, -81.853 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 12071C0438F DATE: August 28, 2008 TYPE: FIRM NO.: 12071C0576F DATE: August 28, 2008 TYPE: FIRM NO.: 12071C0439F DATE: August 28, 2008 TYPE: FIRM NO.: 12071C0577F DATE: August 28, 2008		DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: August 28, 2008 FLOODWAY DATA TABLE: TABLE 9	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH (ES)

Ten Mile Canal - from approximately 1,800 feet downstream of Interstate 41 to approximately 4,080 feet upstream

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Ten Mile Canal	Floodway BFEs*	Floodway BFEs	NONE YES	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 addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Beth A. Norton

Beth A. Norton, Program Specialist
Engineering Management Branch
Mitigation Directorate

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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.

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 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 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 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, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in cursive script that reads "Beth A. Norton".

Beth A. Norton, Program Specialist
Engineering Management Branch
Mitigation Directorate



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. Brad Loar
Director, Mitigation Division
Federal Emergency Management Agency, Region IV
Koger Center - Rutgers Building, 3003 Chamblee Tucker Road
Atlanta, GA 30341
(770) 220-5400

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(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

The increases in BFE are too small to be shown on the revised Flood Profile. Therefore, the flood profile for Ten Mile Canal is not revised, and is not included in this LOMR package.

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, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Beth A. Norton

Beth A. Norton, Program Specialist
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

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

PUBLIC NOTIFICATION OF REVISION

The changes in BFEs for Ten Mile Canal are minor and do not change the whole-foot BFEs shown on the FIRM; therefore revised BFEs will not be published in a local newspaper. This revision will become effective as of the date of this letter. Any request 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Beth A. Norton

Beth A. Norton, Program Specialist
Engineering Management Branch
Mitigation Directorate

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TELEGRAPH CREEK (Continued)								
I	10,932	732	5,860	1.9	15.9	15.9	16.9	1.0
J	12,088	750	4,689	2.5	16.6	16.6	17.5	0.9
K	13,430	902	7,845	1.5	17.7	17.7	18.6	0.9
L	15,528	1,220	7,356	0.1	17.9	17.9	18.9	1.0
M	16,847	1,882	9,354	0.1	17.9	17.9	18.9	1.0
N	17,307	1,566	9,742	0.1	17.9	17.9	18.9	1.0
TEN MILE CANAL								
A	700	145	933	9.5	9.5 ²	1.9 ³	2.9	1.0
B	2,800	679	3,108	2.8	9.5 ²	5.4 ³	6.1	0.7
C	4,150	2,967	11,950	0.7	9.5 ²	6.4 ³	7.1	0.7
D	6,750	1,084	6,103	1.4	9.5 ²	7.1 ³	7.7	0.6
E	8,245	1,683	4,798	1.8	9.5 ²	7.7 ³	8.3	0.6
F	10,095	2,408	11,533	0.7	9.6	9.6	10.0	0.4
G	12,491	1,532	4,808	1.6	10.0	10.0	10.6	0.6

¹ Feet above mouth.

² Elevation computed without consideration of wave effects.

³ Elevation computed without consideration of backwater effects from Estero Bay.

DATA REVISED BY LOMR DATED JANUARY 27, 2009

REVISED
DATA
REVISED TO

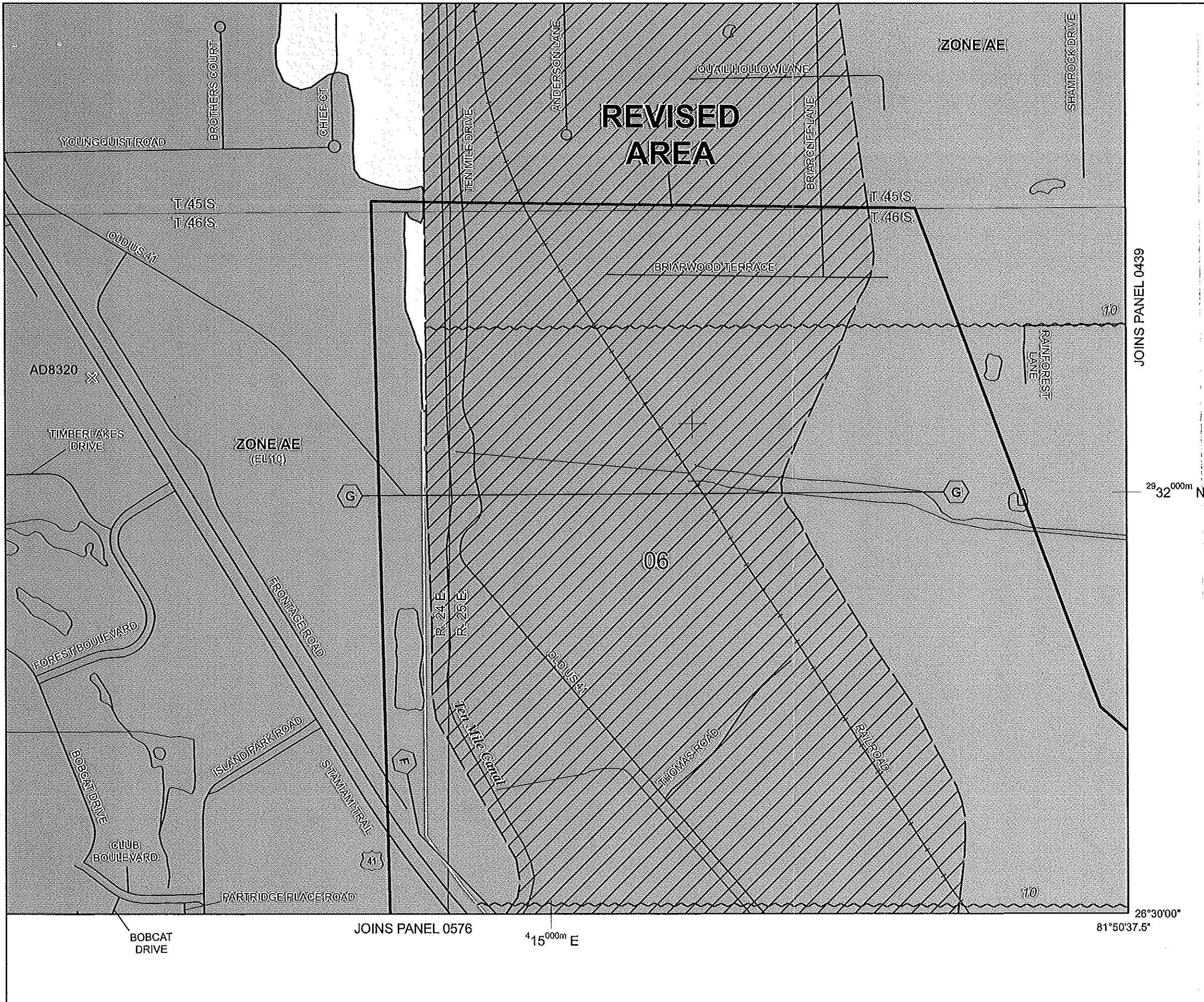
FEDERAL EMERGENCY MANAGEMENT AGENCY

LEE COUNTY, FL
AND INCORPORATED AREAS

FLOODWAY DATA
EFFECTIVE: July 30, 2010

TELEGRAPH CREEK - TEN MILE CANAL

TABLE 9



Legend

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

MAP SCALE 1" = 500'

250 0 500 FEET

150 0 150 METERS

PANEL 0438F

FIRM

FLOOD INSURANCE RATE MAP

LEE COUNTY, FLORIDA

AND INCORPORATED AREAS

PANEL 438 OF 685

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LEE COUNTY	125124	0438	F

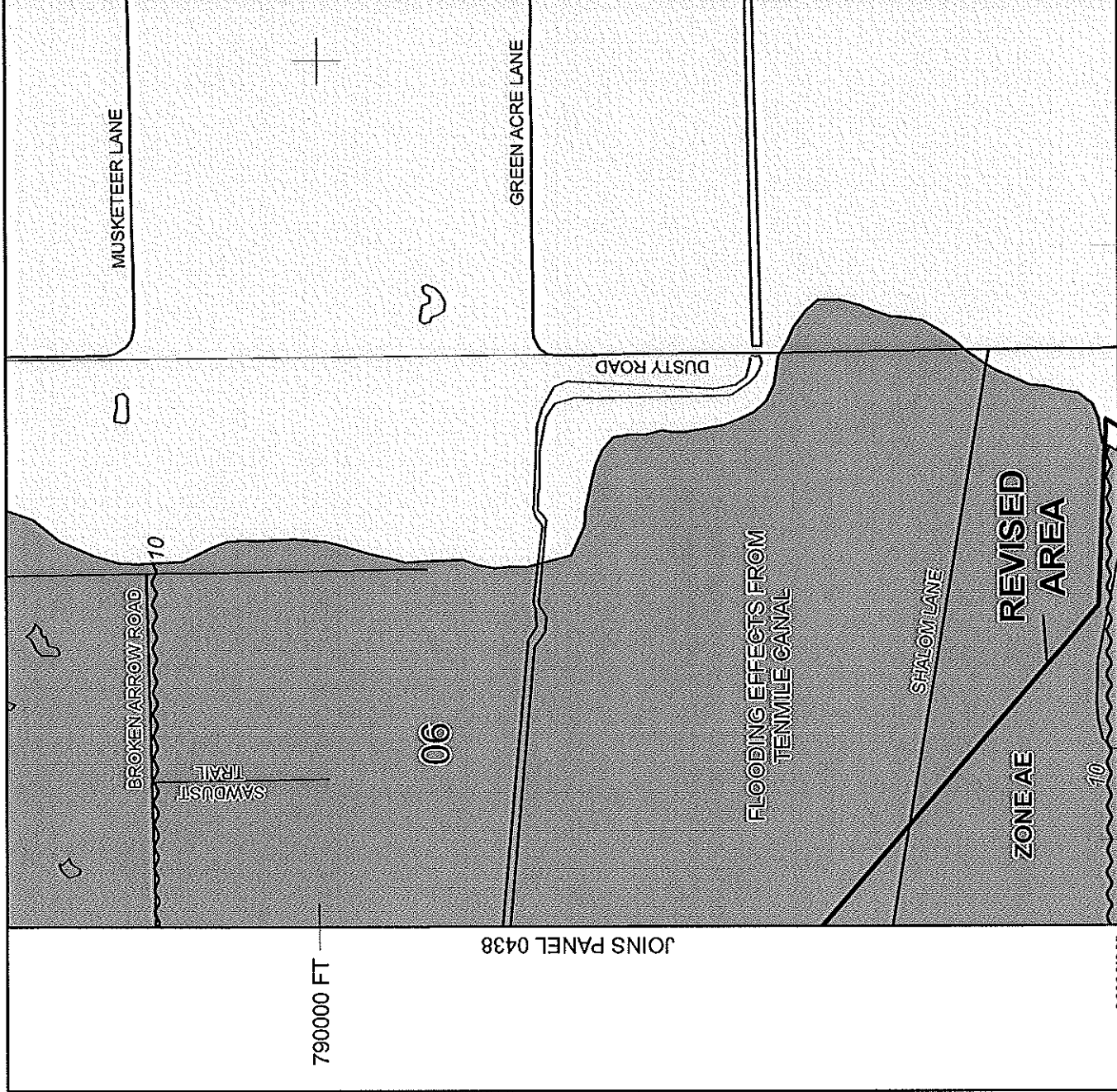
REVISED TO REFLECT LOMR EFFECTIVE: July 30, 2010

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 12071C0438F

EFFECTIVE DATE AUGUST 28, 2008

Federal Emergency Management Agency



790000 FT

JOINS PANEL 0438

26°30'00"

81°50'37.5"

4,160,000m E

JOINS PANEL 0577

PANEL 0439F

FIRM

FLOOD INSURANCE RATE MAP

LEE COUNTY,
FLORIDA
AND INCORPORATED AREAS

PANEL 439 OF 685

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY

LEE COUNTY

NUMBER

125126

PANEL

0439

SUFFIX

F

REVISED TO

REFLECT LOMR

EFFECTIVE: July 30, 2010

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
12071C0439F

EFFECTIVE DATE
AUGUST 28, 2008

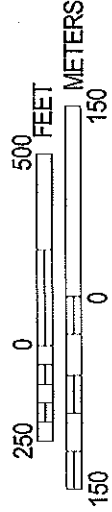
Federal Emergency Management Agency

Legend

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



MAP SCALE 1" = 500'



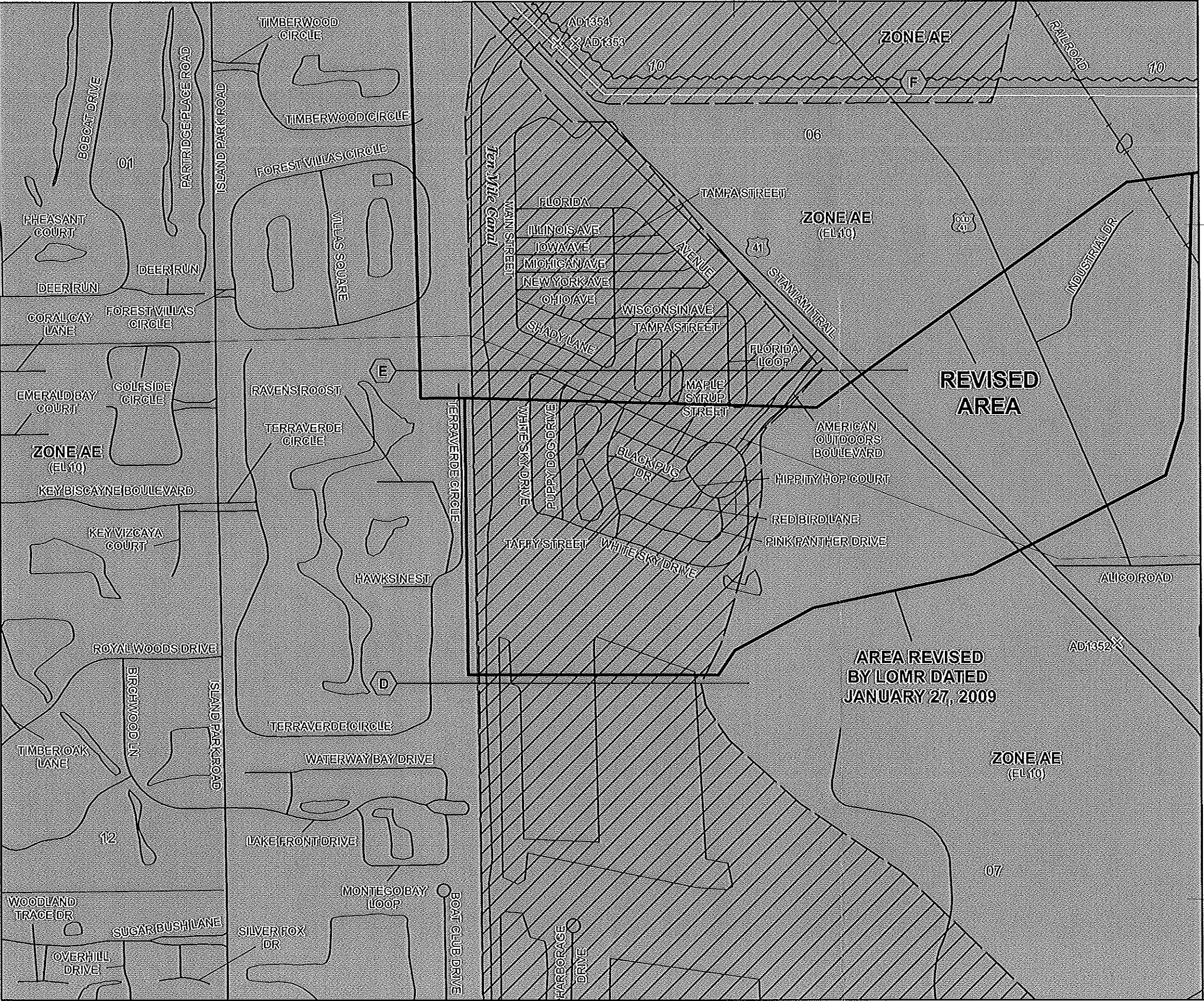
NFIP

NATIONAL FLOOD INSURANCE PROGRAM

JOINS PANEL 0438

705000 FT

81°50'37.5"
26°30'00"

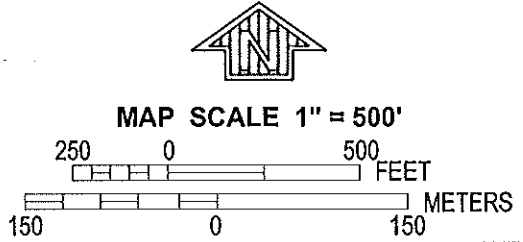


JOINS PANEL 0577

29°31'000m N

29°30'000m N

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



PANEL 0576F

FIRM
FLOOD INSURANCE RATE MAP

LEE COUNTY,
FLORIDA
AND INCORPORATED AREAS

PANEL 576 OF 685
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
LEE COUNTY 125124 0576 F

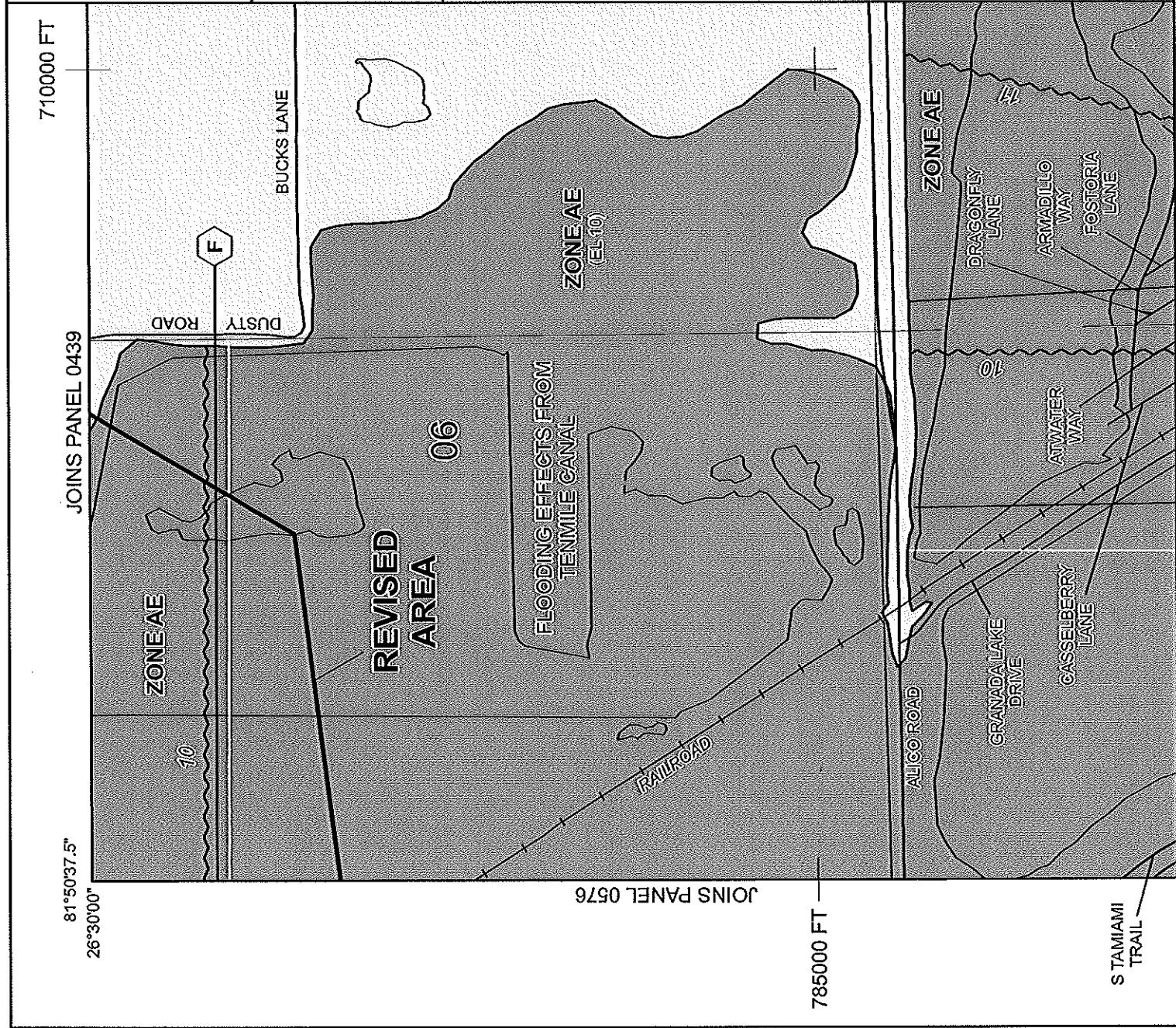
REVISED TO
REFLECT LOMR
EFFECTIVE: July 30, 2010

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
12071C0576F
EFFECTIVE DATE
AUGUST 28, 2008

Federal Emergency Management Agency



NFIP

PANEL 0577F

FIRM

FLOOD INSURANCE RATE MAP

LEE COUNTY, FLORIDA

AND INCORPORATED AREAS

PANEL 577 OF 685

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY NUMBER 12614 PANEL SUFFIX 0577 F

REVISED TO REFLECT LOMR

EFFECTIVE: July 30, 2010

Notice to User: The Map Number shown below should be used when pricing maps and the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 12071C0577F

EFFECTIVE DATE AUGUST 28, 2008

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM