



Federal Emergency Management Agency

Washington, D.C. 20472

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:

Case No.: 99-03-019P

Mr. James Robey
County Executive
Howard County
3430 Courthouse Drive
Ellicott City, Maryland 21043

Community: Howard County, Maryland
Community No.: 240044
Panels Affected: 0022 B, 0023 B, 0028 C,
0029 B, 0033 B, and 0034 B

Effective Date of **JAN 12 1999**
This Revision:

102-I-C

Dear Mr. Robey:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) for your community in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated November 23, 1998, Ms. Elizabeth Anderson Calia, P.E., Chief, Transportation and Watershed Management Division, Bureau of Engineering, Department of Public Works, Howard County, requested that FEMA revise the FIRM to show the effects of more detailed and updated topographic information along Stream LPR-2, Stream LPR-4, Beaver Run Branch, and unnamed tributaries to Wild Lake Branch, Red Hill Branch, Little Patuxent River, Beaver Run Branch, Stream LPR-2, and Stream LPR-4.

We have completed our review of the submitted data and the flood data shown on the effective FIRM. We have revised the FIRM to modify the floodplain boundary delineations and zone designations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along Stream LPR-2, Stream LPR-4, Beaver Run Branch, and unnamed tributaries to Wild Lake Branch, Red Hill Branch, Little Patuxent River, Beaver Run Branch, Stream LPR-2, and Stream LPR-4. As a result of the modifications, the width of the Special Flood Hazard Area (SFHA), the area that would be inundated by the base flood, for Stream LPR-2, Stream LPR-4, Beaver Run Branch, and unnamed tributaries to Wild Lake Branch, Red Hill Branch, Little Patuxent River, Beaver Run Branch, Stream LPR-2, and Stream LPR-4 increased in some areas and decreased in other areas. The modifications are shown on the enclosed annotated copies of FIRM Panel(s) 0022 B, 0023 B, 0028 C, 0029 B, 0033 B, and 0034 B. This Letter of Map Revision (LOMR) hereby revises Panel(s) 0022 B, 0023 B, 0029 B, 0033 B, and 0034 B of the effective FIRM dated December 4, 1986, and Panel 0028 C of the effective FIRM dated April 2, 1997.

The modifications are effective as of the date shown above. The map panel(s) as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

A review of the determination made by this LOMR and any requests to alter this determination should be made within 30 days. Any request to alter the determination must be based on scientific or technical data.

We will not physically revise and republish the FIRM and Flood Insurance Study (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.

Because this revision does not involve floodway changes, we are not revising the Flood Boundary and Floodway Map (FBFM); therefore, no annotated copies of the FBFM are enclosed. Unless a subsequent physical map revision involves floodway changes for the FBFM panel(s), we will not revise the FBFM to show the modifications described in this LOMR.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development, and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the changes that have been made and the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 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 minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications made by this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

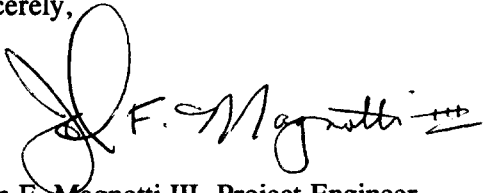
Ms. Viki Doty
Director, Mitigation Division
Federal Emergency Management Agency, Region III
Liberty Square Building, Second Floor
105 South Seventh Street
Philadelphia, Pennsylvania 19106

FEMA makes flood insurance available in participating communities; in addition, we encourage communities to develop their own loss reduction and prevention programs. Our Project Impact initiative, developed by FEMA Director James Lee Witt, seeks to focus the energy of businesses, citizens, and communities in the United States on the importance of reducing their susceptibility to the impact of all

natural disasters, including floods, hurricanes, severe storms, earthquakes, and wildfires. Natural hazard mitigation is most effective when it is planned for and implemented at the local level, by the entities who are most knowledgeable of local conditions and whose economic stability and safety are at stake. For your information, we are enclosing a Project Impact Fact Sheet. For additional information on Project Impact, please visit our Web site at www.fema.gov.

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please contact the CCO for your community at the telephone number cited above. If you have any technical questions regarding this LOMR, please contact Mr. John Magnotti of our staff in Washington, DC, either by telephone at (202) 646-3932 or by facsimile at (202) 646-4596.

Sincerely,



John F. Magnotti III, Project Engineer
Hazards Study Branch
Mitigation Directorate

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate

Enclosure(s)

cc: Ms. Elizabeth Anderson Calia, P.E.
Chief
Transportation and Watershed
Management Division
Bureau of Engineering
Department of Public Works
Howard County

Mr. Theodore C. Van Kirk, P.E.
Associate
Dewberry & Davis

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Sincerely,

JFM 1/2/99
 John F. Magnotti III, Project Engineer
 Hazards Study Branch
 Mitigation Directorate

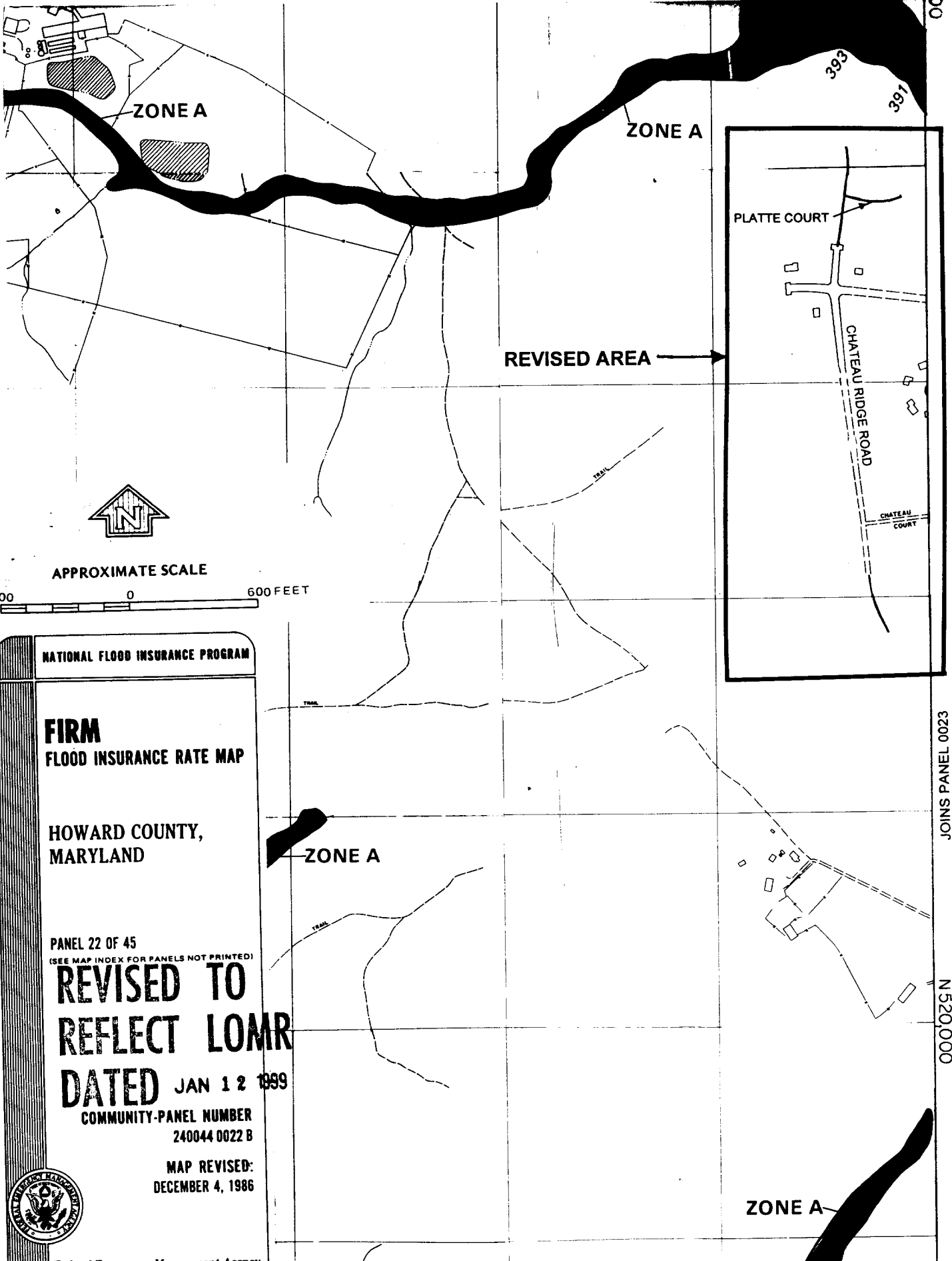
For: Matthew B. Miller, P.E., Chief
 Hazards Study Branch
 Mitigation Directorate

Enclosure(s)

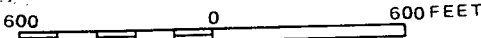
cc: Ms. Elizabeth Anderson Calia, P.E.
 Chief
 Transportation and Watershed
 Management Division
 Bureau of Engineering
 Department of Public Works
 Howard County

Mr. Theodore C. Van Kirk, P.E.
 Associate
 Dewberry & Davis

bcc: State Coordinator
 Regional Director R3-MT
 MT-TS-HS Chron MT-TS-HS
 LOMC Distribution Service
 MBJ Case File/TWS/TGC/019.jr
 MBJ Project File
 MBJ LOMC File
 MBJ Future File/KK
 LOMC Subscribers



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HOWARD COUNTY,
MARYLAND

PANEL 22 OF 45
(SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO
REFLECT LOMR
DATED JAN 12 1999

COMMUNITY-PANEL NUMBER
240044 0022 B

MAP REVISED:
DECEMBER 4, 1986



Federal Emergency Management Agency

00

393

391

ZONE A

PLATTE COURT

CHATEAU RIDGE ROAD

CHATEAU COURT

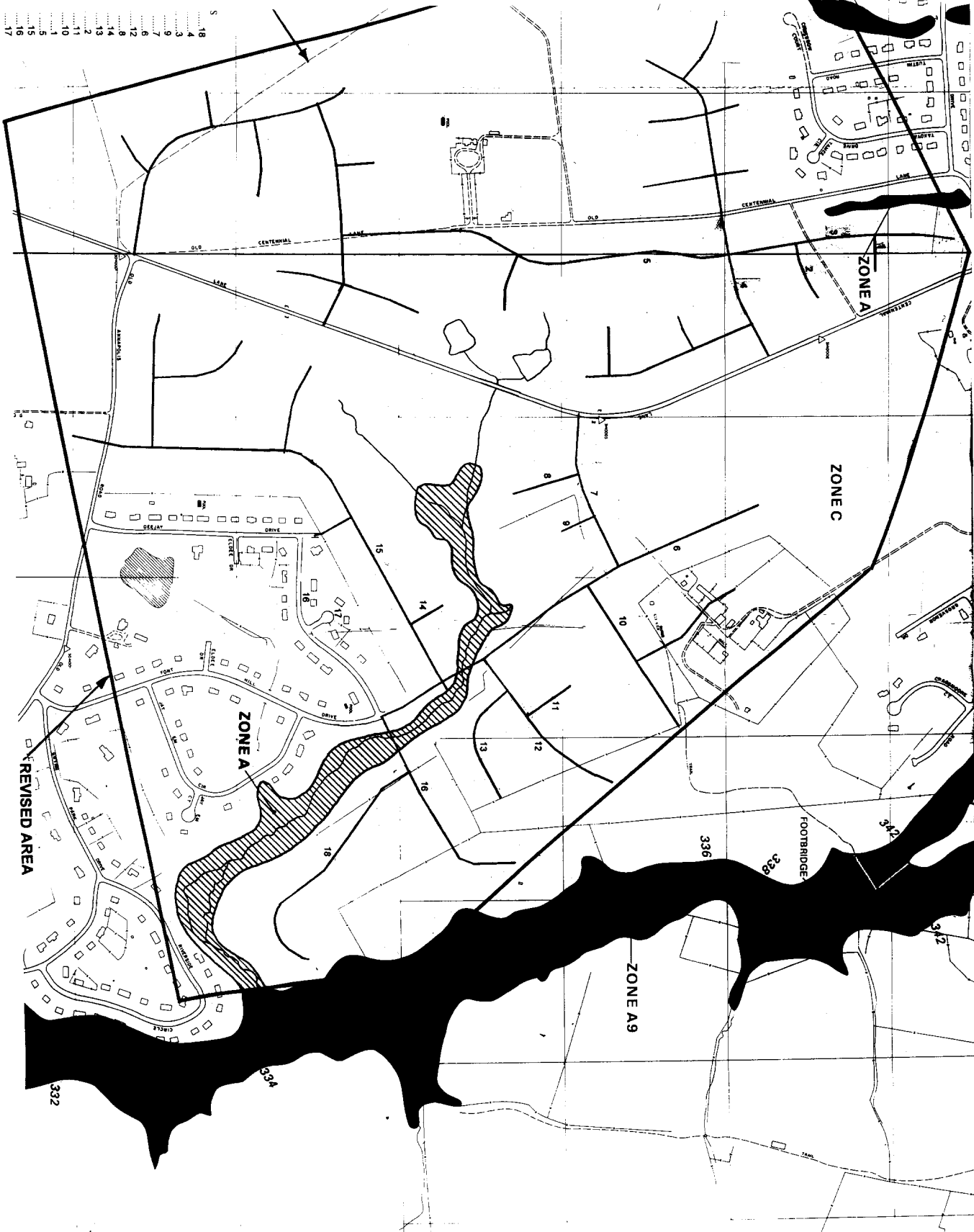
REVISED AREA

ZONE A

ZONE A

JOIN TO PANEL 0023

N 520,000



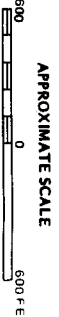
18
17
16
15
14
13
12
11
10
9
8
7
6
5

FIRM
FLOOD INSURANCE RATE MAP
 HOWARD COUNTY,
 MARYLAND

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 23 OF 45
 THIS MAP WAS NOT PRINTED
REVISED TO REFLECT LOMR
DATED JAN 12 1989
 COMMUNITY PANEL NUMBER
 240844 00238
 MAP REVISED:
 DECEMBER 4, 1986

Federal Emergency Management Agency



MAP LEGEND

Revised 100-Year Floodplain

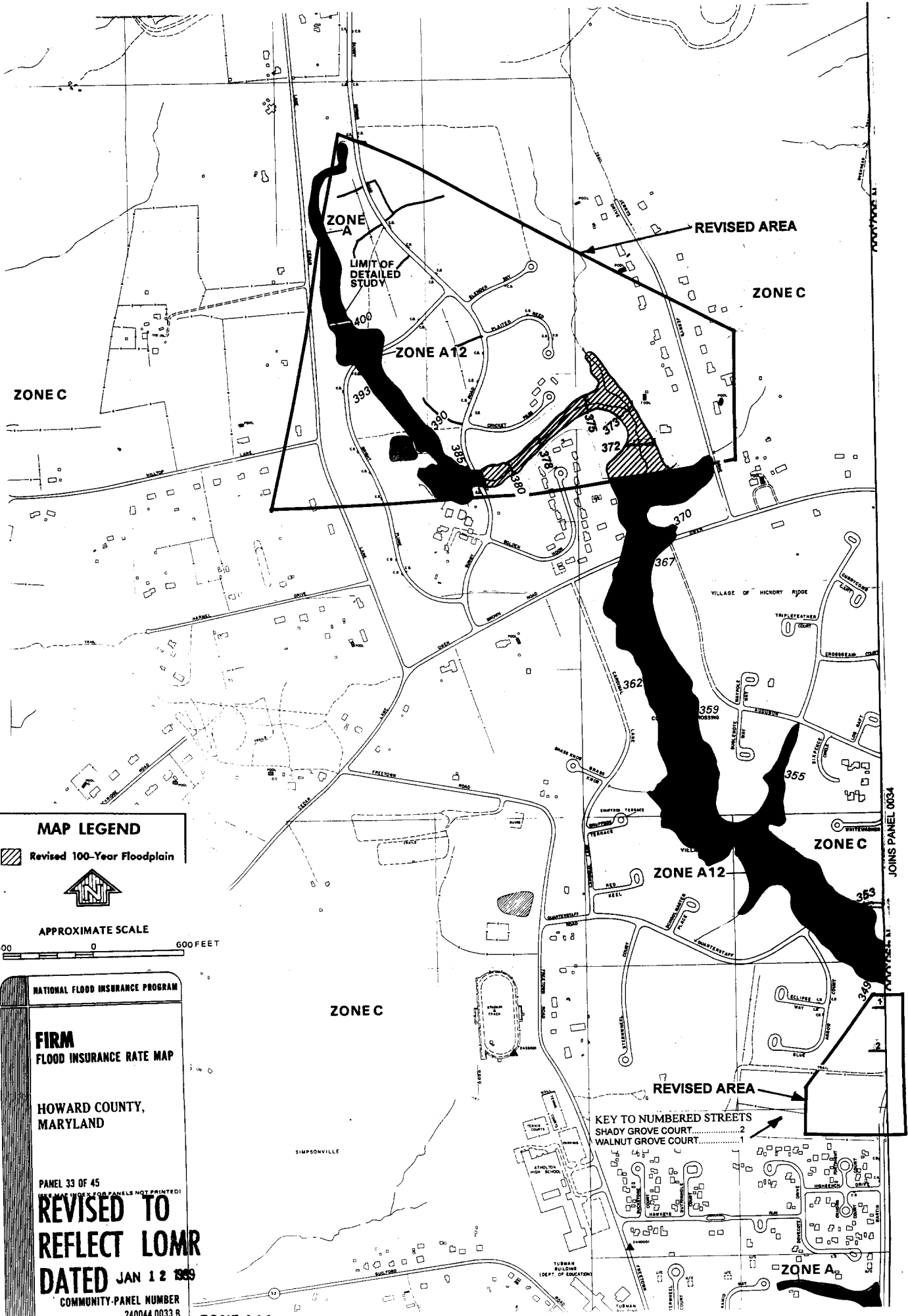
ZONE C

ZONE A9

ZONE A

ZONE C

REVISED AREA



MAP LEGEND

Revised 100-Year Floodplain



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HOWARD COUNTY,
MARYLAND

PANEL 33 OF 45
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISED TO
REFLECT LOMR
DATED JAN 12 1989**

COMMUNITY-PANEL NUMBER
240044 0033 B

JOINS PANEL 0034

KEY TO NUMBERED STREETS
SHADY GROVE COURT.....2
WALNUT GROVE COURT.....1

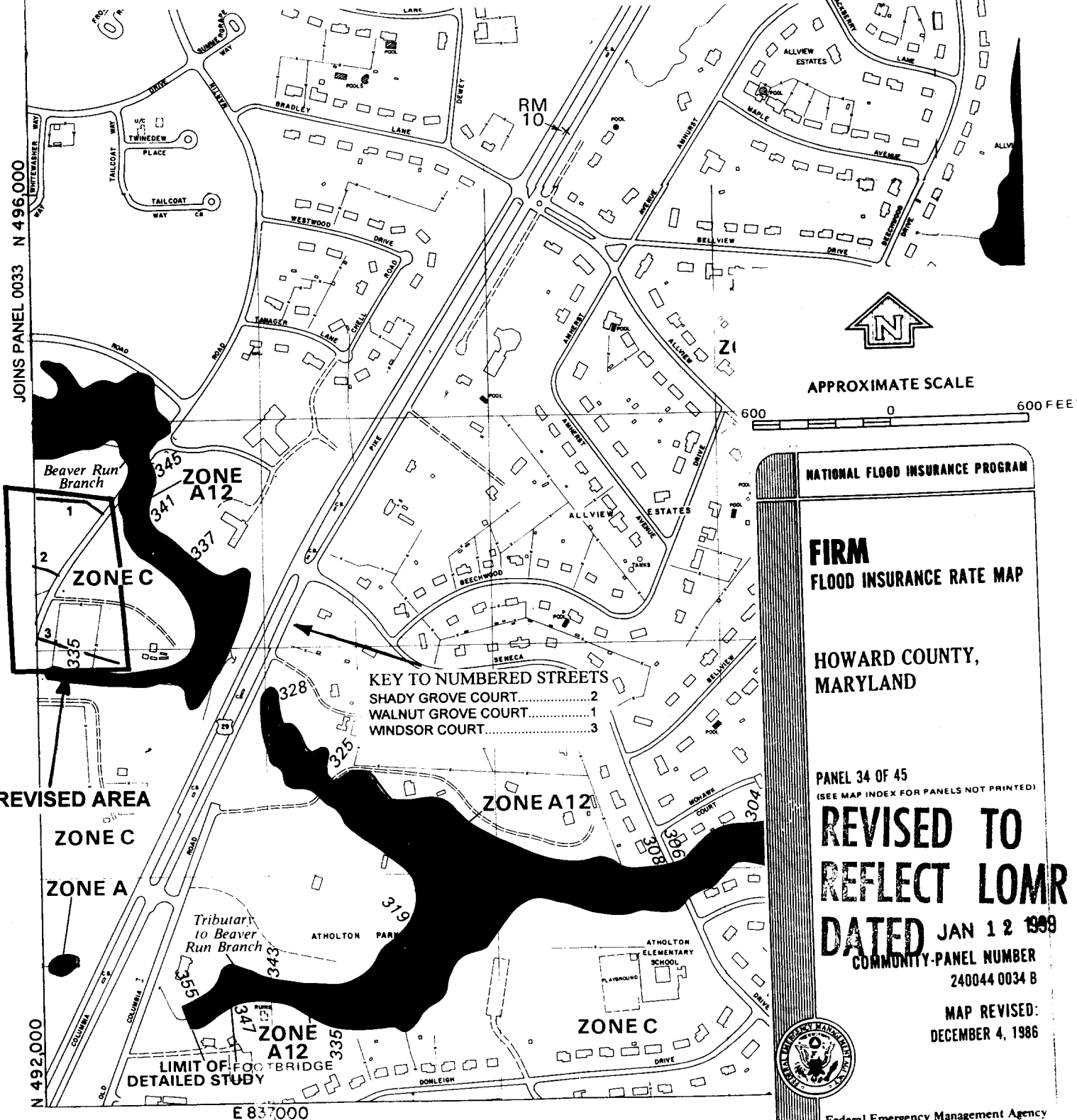
MARK	IN FT. (NGVD)
RM 9	305.74
RM 10	405.53

DESCRIPTION OF LOCATION

Square cut in southwest corner of bridge no. 13012 intersection of Route 29 and the Little Patuxent River.

Disk set in top of concrete post located 3.4 miles south along U.S. Highway 29 from intersection of Route 108 at Columbia, 42.0 feet southeast of centerline of highway, 9.0 feet north of power pole no. 358719, 21.0 feet northwest of paved service road, 2.5 feet southeast of metal witness post. Stamping: C 109, 1965 USC&GS.

¹National Geodetic Vertical Datum of 1929



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HOWARD COUNTY,
MARYLAND

PANEL 34 OF 45
(SEE MAP INDEX FOR PANELS NOT PRINTED)

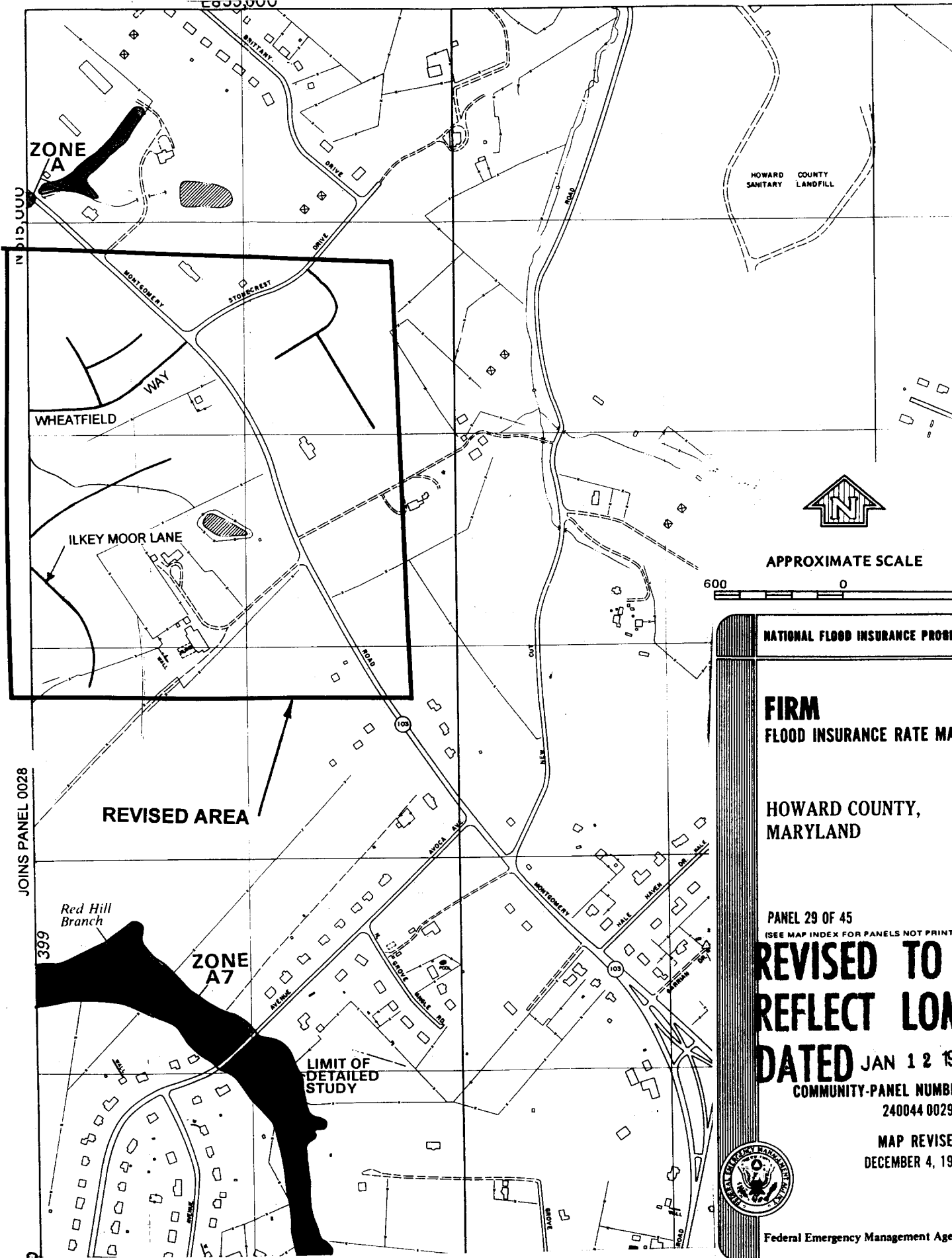
**REVISED TO
REFLECT LOMR
DATED JAN 12 1988**

COMMUNITY-PANEL NUMBER
240044 0034 B

MAP REVISED:
DECEMBER 4, 1986



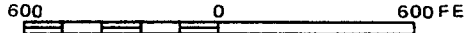
Federal Emergency Management Agency



HOWARD COUNTY
SANITARY LANDFILL



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HOWARD COUNTY,
MARYLAND

PANEL 29 OF 45
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISED TO
REFLECT LOMR
DATED** JAN 12 1999

COMMUNITY-PANEL NUMBER
240044 0029 8

MAP REVISED:
DECEMBER 4, 1986



Federal Emergency Management Agency

N 1010 000

JOINS PANEL 0028

399

Red Hill
Branch

ZONE
A7

LIMIT OF
DETAILED
STUDY

ZONE
A

WHEATFIELD
WAY

ILKEY MOOR LANE

REVISED AREA

STONECREST
DRIVE

MONTGOMERY
WAY

ROCK
LANE

MONTGOMERY
ROAD

HALE
LANE

JANNEY
ST

PARSONS
ROAD

TAOBS
ROAD

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