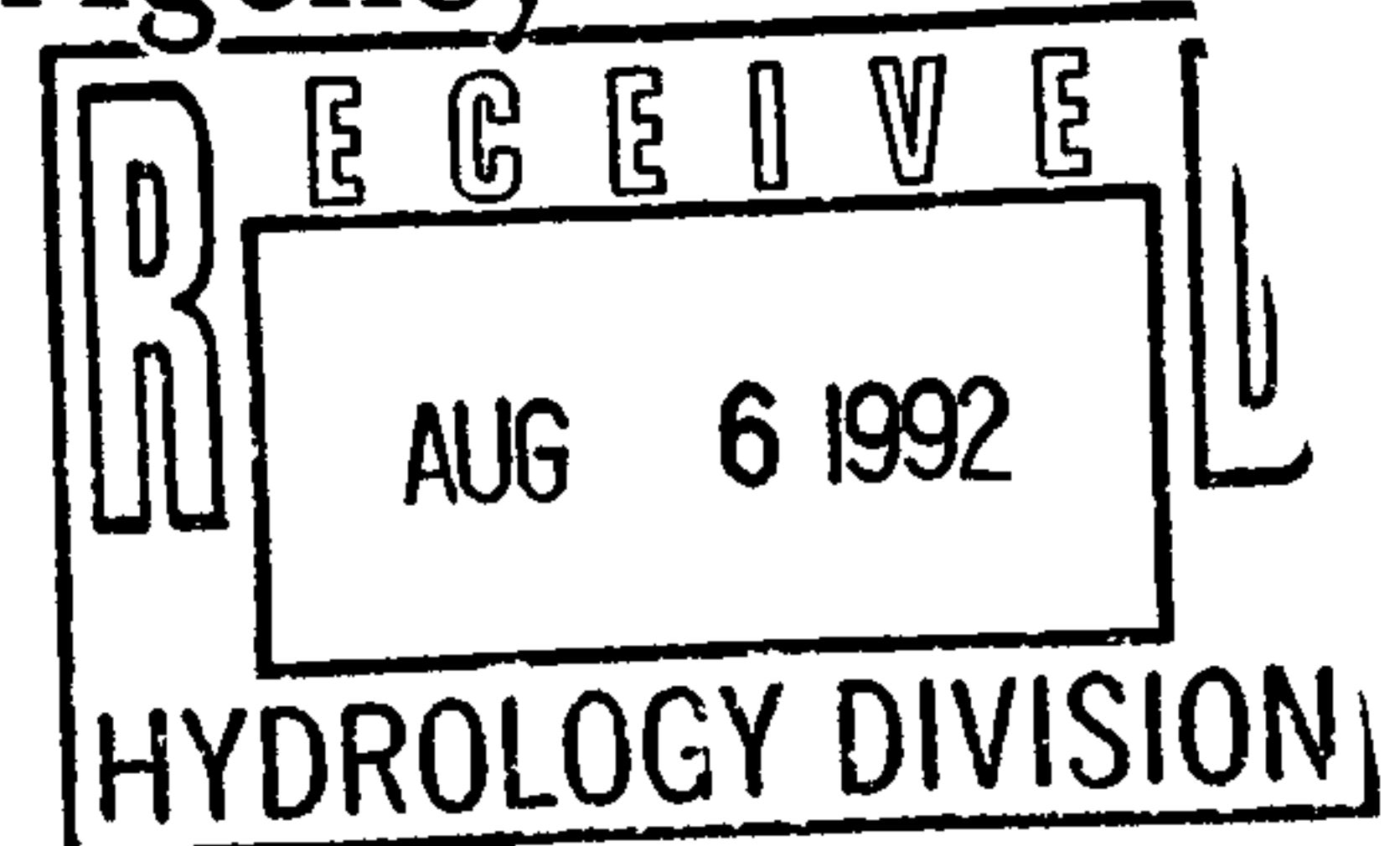




# Federal Emergency Management Agency

Washington, D.C. 20472



CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:  
102A

The Honorable Louis Saavedra  
Mayor, City of Albuquerque  
P.O. Box 1293  
Albuquerque, New Mexico 87103

~~Case No.:~~ 92-06-098P  
~~Community:~~ City of Albuquerque,  
New Mexico

FIRM Panel Number: 350002 0035 C  
Effective Date  
of This Revision: JUL 31 1992

Dear Mayor Saavedra:

This is in response to a letter dated June 25, 1992, from Mr. Gilbert Aldaz, P.E., Floodplain Administrator, City of Albuquerque, regarding the effective Flood Insurance Rate Map (FIRM) for the City of Albuquerque, New Mexico. In his letter, Mr. Aldaz requested that we revise the effective FIRM to show the effects of construction of a storm drain system for ~~Sunport Park Phase I~~, and the addition of fill on the west side of Transport Street from approximately 100 feet north of the intersection with Woodward Avenue, to approximately 400 feet south of the intersection along an unnamed area of shallow flooding (Zone AO) in the vicinity of ~~University Boulevard, SE., and Woodward Road~~. Mr. Aldaz submitted all of the data necessary to review this request with his letters dated March 25, 1991, and June 25, 1992; and with letters from Mr. Thomas L. Holtman, P.E., Andrews, Asbury & Robert, Inc., dated March 11 and July 25, 1991, and March 12, 1992.

We have completed our review of the submitted data with regard to the data used to produce the effective FIRM, and have revised the FIRM to modify the floodplain boundary delineations and zone designations of a flood having a 1-percent probability of being equaled or exceeded in any given year (base flood) along an unnamed area of shallow flooding (Zone AO) in the vicinity of ~~University Boulevard, SE., and Woodward Road~~. As a result of construction of a storm drain system and the addition of fill, the 100-year floodplain has been removed from the FIRM. The 100-year flood is contained in the storm drain system.

The modification is shown on the enclosed annotated copy of FIRM Panel 350002 0035 C. This Letter of Map Revision (LOMR) hereby revises this panel of the effective FIRM dated October 14, 1983.

Because of current funding constraints, we must limit the number of physical map revisions. Consequently, we will not publish a revised FIRM for the City of Albuquerque to reflect modifications at this time. However, if in the future we revise and republish the FIRM panel affected by this LOMR, we will incorporate the previously described modifications at that time.

Because this revision does not involve any floodway changes, we are not enclosing an annotated Flood Boundary and Floodway Map (FBFM). Unless a

subsequent physical map revision involves floodway changes for FBFM Panel 350002 0035, we will not revise it to show the changes made by this LOMR.

This modification has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and are 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. As required by the legislation, a community must adopt and enforce floodplain management measures to ensure continued eligibility to participate in the National Flood Insurance Program (NFIP). Therefore, your community must enforce these regulations using, at a minimum, the base (100-year) flood elevations, zone designations, and floodways in the Special Flood Hazard Areas shown on the FIRM for your community, including the previously described modification.

This response to your request is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all proposed floodplain developments, including this request, and for ensuring that necessary permits required by Federal or State law have been received. With knowledge of local conditions and in the interest of safety, State and community officials may set higher standards for construction, or may limit development in floodplain areas. If the State of New Mexico or the City of Albuquerque has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP requirements.

The community number and suffix code listed above will be used for all flood insurance policies and renewals issued for your community on and after the effective date listed above.

The modifications described herein are effective as of the date of this letter. However, a review of the modifications and any requests for changes should be made within 30 days. Any request for reconsideration must be based on scientific or technical data.

This LOMR will not be printed and distributed to primary map users such as local insurance agents and mortgage lenders; therefore, the community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR widely throughout the community in order that interested persons such as property owners, insurance agents, and mortgage lenders may benefit from this information. We also encourage you to consider preparing an article for publication in the community's local newspaper that would describe the changes that have been made and the assistance the community will provide in serving as a clearinghouse for these data and interpreting NFIP maps.

Please note that the Federal Emergency Management Agency (FEMA) is currently developing detailed application and certification forms for use in requesting revisions or amendments to NFIP maps. Forms will be available this summer and will be used for requests received by FEMA on or after October 1, 1992. These forms will highlight technical considerations in a fashion that facilitates an efficient review; therefore, use of these forms prior to October 1 is strongly recommended. Application forms should be available

after July 1 for Letter of Map Amendment and LOMR Based on Fill requests, and after September 1 for the more common types of revision requests.

If you have any questions regarding the modifications described herein, please call the Chief, Natural and Technological Hazards Division, FEMA, in Denton, Texas, at (817) 898-5162, or Mr. Alan Johnson of my staff in Washington, D.C., at (202) 646-3403.

Sincerely,



William R. Locke  
Chief, Risk Studies Division  
Federal Insurance Administration

Enclosures

cc: ☒ Mr. Gilbert Aldaz, P.E.  
Floodplain Administrator  
City of Albuquerque

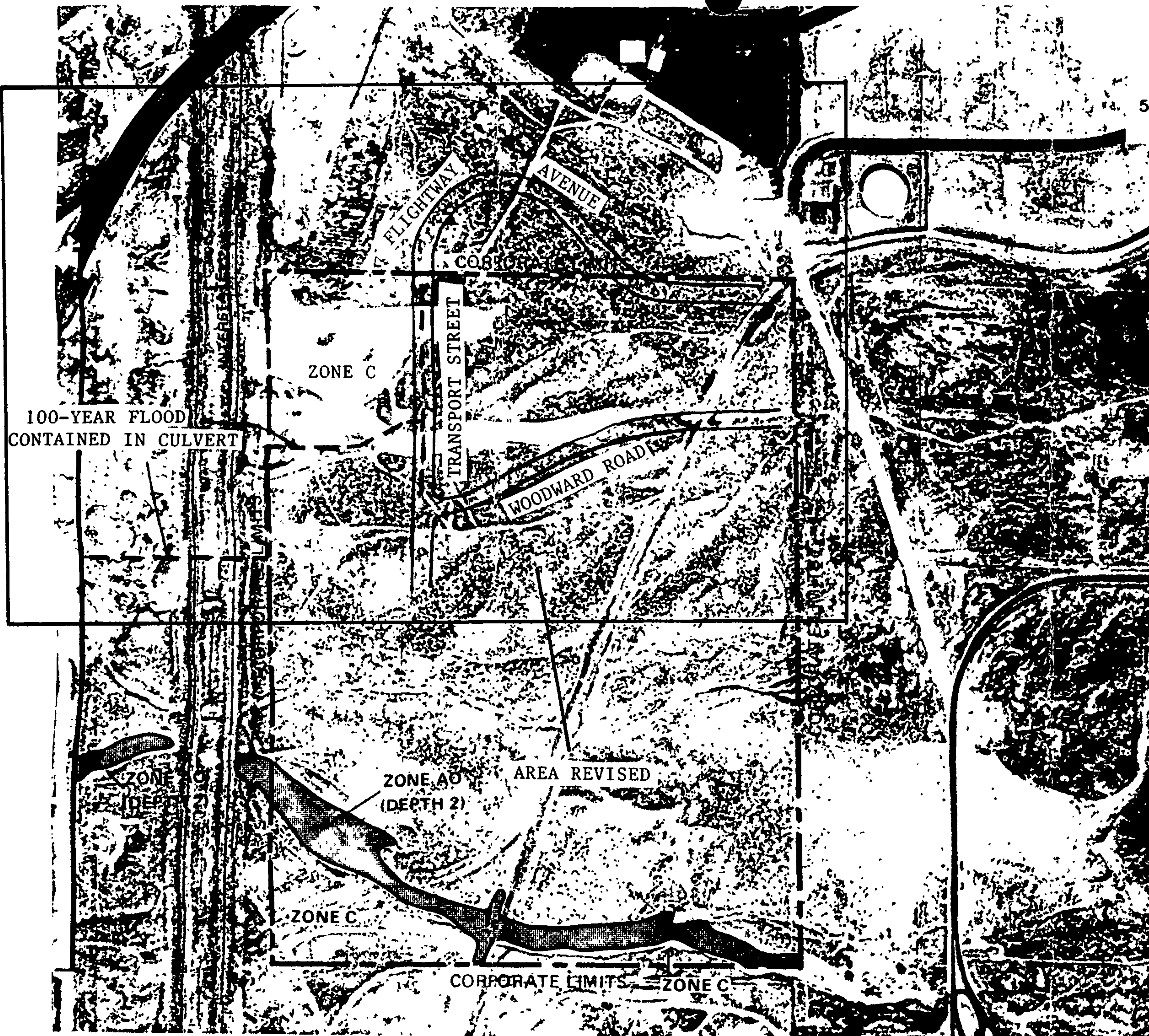
Mr. Thomas L. Holtman, P.E.  
Andrews, Asbury, & Robert, Inc.





SCALE: 1"=500'

500 0 500



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP  
CITY OF  
**ALBUQUERQUE,**  
**NEW MEXICO**  
BERNALILLO COUNTY

PANEL 35 OF 50  
**REVISED TO**  
**REFLECT LOW**  
**DATED JUL 31 1992**

COMMUNITY-PANEL NUMBER  
350002 0035 C  
EFFECTIVE DATE:  
OCTOBER 14, 1983



Federal Emergency Management Agency

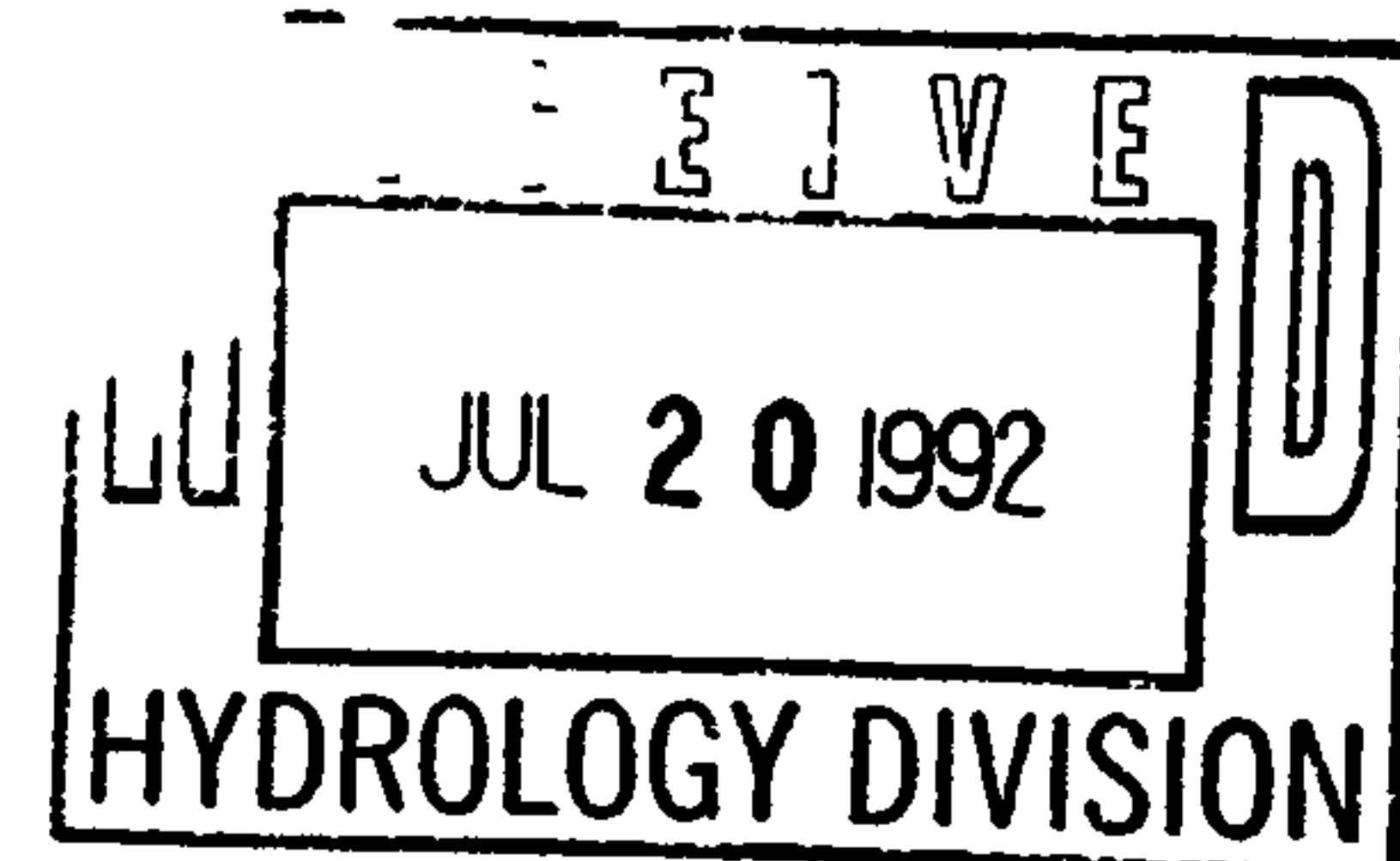




# Federal Emergency Management Agency

Washington, D.C. 20472

(202) 646-3403



CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:  
65-ACK

Mr. Gilbert Aldaz, P.E.  
Floodplain Administrator  
City of Albuquerque  
P.O. Box 1293  
Albuquerque, New Mexico 87103

Date: July 10, 1992  
Case No.: 92-06-098P  
RE: Sunport Park, Phase I  
Community: City of Albuquerque,  
New Mexico

Dear Mr. Aldaz:

This is to acknowledge acceptance of your request for a revision to the Flood Insurance Rate Map and/or Flood Boundary and Floodway Map for the referenced community. Our preacceptance review of the request indicates that we have the minimum data we need to begin our evaluation. If we need additional data to complete our evaluation, or if delays are encountered, we will notify you in writing within 30 days of the date of this letter.

If you write to us about your request, please include the case number shown above in your letter. If you have any questions about the status of your revision request, please call Michael Baker Jr., Inc., our Technical Evaluation Contractor, at (703) 960-8800, and ask for the Revisions Coordinator for your state.

Sincerely,

A handwritten signature in cursive script, reading "William R. Locke", is located below the "Sincerely," text.

William R. Locke  
Chief, Risk Studies Division  
Federal Insurance Administration

cc: The Honorable Louis Saavedra  
Mayor, City of Albuquerque

Mr. Thomas L. Holtman, P.E.  
Andrews, Asbury, & Robert, Inc.



# Federal Emergency Management Agency

Washington, D.C. 20472

SEP 10 1991

SEP 13 1991

The Honorable Louis Saavedra  
Mayor of the City of Albuquerque  
P.O. Box 1293  
Albuquerque, New Mexico 87103

IN REPLY REFER TO:  
(65-DR2)

Case No.: ~~6-91-127~~  
Community: City of Albuquerque,  
Bernalillo County,  
New Mexico  
Community No.: 350002

Dear Mayor Saavedra:

This is in reference to a request for a revision to the Flood Insurance Study and National Flood Insurance Program maps for your community. Information pertinent to this revision request is listed below:

Requestor: Mr. Thomas L. Holtman, P.E., Andrews, Asbury & Robert, Inc.

Flooding source(s): Unnamed area of shallow flooding (Zone A0) in  
the vicinity of University Boulevard, S.E., and  
Woodward Road

Project name or area of revision: Sunport Park, Phase 1

Map Panel(s) affected: Flood Insurance Rate Map number 350002, panel  
0035 C

Our previous letter to you indicated that additional information might be required to complete our evaluation of the request. We have reviewed the data submitted and have determined that additional and/or revised data are required to complete our evaluation. The enclosed list outlines the information required.

The information specified on the enclosed list should be provided by the requestor to the following address:

Federal Emergency Management Agency  
Federal Insurance Administration  
Office of Risk Assessment  
500 C Street, S.W., Room 422  
Washington, DC 20472

Attention: Mr. William R. Locke  
Chief, Risk Studies Division

2

The case number referenced above should be included on any further correspondence regarding this request. Our review cannot proceed until the required additional data are received. After receiving the data, we will continue our evaluation of the request. If additional information is required to complete our evaluation, we will inform you.

Should you have any questions or if additional time is required to provide the required data, please contact Matthew B. Miller of my staff at (202) 646-3461.

Sincerely,



William R. Locke  
Chief, Risk Studies Division  
Federal Insurance Administration

Enclosure

cc: Mr. Gilbert Aldaz, P.E., L.S., Floodplain Administrator for the  
City of Albuquerque ✓  
Mr. Thomas L. Holtman, P.E.

SEP 13 1991

Case No.: 6-91-127  
Community: City of Albuquerque,  
Bernalillo County,  
New Mexico  
Community No.: 350002

ADDITIONAL DATA REQUIRED TO SUPPORT A REVISION TO THE  
FLOOD INSURANCE STUDY AND NATIONAL FLOOD INSURANCE PROGRAM MAP

Requestor: Mr. Thomas L. Holtman, P.E. Date: SEP 10 1991

The issues listed below must be addressed in order to process this revision request:

In order to remove the Zone AO delineation from the area west of the intersection of Transport Street and Woodward Road, we must first receive topographic mapping (certified by a registered professional engineer or licensed land surveyor) which shows that the berm on the western side of Transport Street is at its highest point across the entire width of the intersection, and ties into natural high ground.



(1) <u>Required</u>	(2) <u>Received</u>
------------------------	------------------------

23. The following data concerning the ability of the  
proposed to be built along \_\_\_\_\_

to meet the minimum design and maintenance requirements established for levee systems in Section 65.10 of the NFIP regulations:

N/A

a. **Freeboard** -- Evidence which shows that the levee(s) will meet the minimum freeboard requirements set forth in Paragraph 65.10(b)(1) of the NFIP regulations.

N/A

b. **Closures** -- Evidence which show that all drainage structures that will penetrate the levee(s) will be fitted with closure devices that (1) will be structural parts of the levee(s) during operation and (2) are designed according to sound engineering practice, as set forth in Paragraph 65.10(b)(2) of the NFIP regulations.

N/A

c. **Embankment Protection** -- An engineering analysis which demonstrates that no appreciable erosion of the levee embankment(s) can be expected during the 100-year flood. The analysis must be performed according to the guidelines set forth in Section 65.10(b)(3) of the NFIP regulations.

N/A

d. **Stability** -- An engineering analysis that evaluates the stability of the levee embankment(s) and foundation(s). The analysis must be performed according to the guidelines set forth in Paragraph 65.10(b)(4) of the NFIP regulations.

(1) <u>Required</u>	(2) <u>Received</u>	
<u>N/A</u>	_____	e. <b>Settlement</b> -- An engineering analysis that assesses the potential for and magnitude of losses of freeboard that may result from settlement of the levee(s) and that demonstrates that the minimum required freeboard will be maintained. The analysis must be performed according to the guidelines set forth in Paragraph 65.10(b)(5) of the NFIP regulations.
<u>N/A</u>	_____	f. <b>Interior Drainage</b> -- An engineering analysis of the potential hazards associated with floodwaters that originate on the landward side of the levee(s) and that would be prevented by the levee(s) from flowing into _____. The analysis must be performed according to the guidelines set forth in Paragraph 65.10(b)(6) of the NFIP regulations.
<u>X</u>	_____	24. Existing hydrologic analysis, including a brief description of the methodology used for the 100-year flood for South Branch Piedras Marcadas Arroyo (See Paragraph 65.6(a)(7) of the NFIP regulations).
_____	<u>X</u>	25. Community acknowledgment of the conditional LOMR request (form enclosed for community's use, if desired).

<u>(1)</u> <u>Required</u>	<u>(2)</u> <u>Received</u>		
		26. Initial fee for conditional LOMR	
_____	_____	a. Review of new hydrology	\$245
_____	_____	b. New bridge or culvert (no channelization)	\$490
X	_____	c. Channel modifications only	\$560
_____	_____	d. Channel modification and new bridge or culvert	\$735
_____	_____	e. Levees, berms, or other structural measures	\$945
_____	_____	f. Structural measures on alluvial fans	\$2,800
_____	_____	g. Fee exemption certification in compliance with Section 72.5 of National Flood Insurance Program regulations	
_____	_____	h. Additional initial fee	_____

The items checked in Column 1 should be sent to the following address:

Michael Baker Jr., Inc.  
3601 Eisenhower Avenue, Suite 600  
Alexandria, Virginia 22304

Attention: Mr. David P. Preusch, P.E.

Any initial fee for the request, in the form of a check or money order made payable to the National Flood Insurance Program, should be sent by Registered Mail, Return Receipt Requested. The case number referenced above should be included on the check or money order for identification purposes.