



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 23, 1992

Diane L Calhoun
Natural Hazards Program Specialist
Region VI, Federal Center
800 North Loop 288
Denton, Texas 76201-3698

RE: REQUEST FOR CONDITIONAL LETTER OF MAP REVISION FOR TIERRA LA CUEVA
UNIT 1, ENGINEER'S STAMP DATED AUGUST 24, 1992, (C-19/D9A)

Dear Mrs. Calhoun:

The purpose of this letter is to request a Conditional L.O.M.R. for the referenced site. The request is a Private Developer funded project, for a residential subdivision. The developer would like to remove a small portion of a 100-year floodplain as shown on the attached FIRM Panel 350002-0010, dated October 1983.

The enclosed report follows the Data Checklist requirements for CLOMR's by FEMA. If you should have any questions concerning this submittal, please do not hesitate to call me at (505) 768-2666.

Cordially,

Gilbert Aldaz, P.E. & L.S.
City/County Floodplain Administrator

GA/WPHYD1596

xc: Jeffrey G. Mortensen, P.E.
6010-B Midway Park Blvd. N.E.
Albuquerque, New Mexico 87109
File

PUBLIC WORKS DEPARTMENT



Federal Emergency Management Agency

Washington, D.C. 20472

December 23, 1992

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

IN REPLY REFER TO:
Case No.: 93-06-071R
Community: City of Albuquerque,
New Mexico
Community No.: 350002

316-ACK

Dear Mr. Aldaz:

This is in response to your request, dated September 23, 1992, for a Conditional Letter of Map Revision (CLOMR) for the above-referenced community. Pertinent information about the request is listed below.

Identifier:	N/A
Flooding Source:	North Domingo Baca Arroyo
FIRM Panel(s) Affected:	N/A
FBFM Panel(s) Affected:	350002 0010

On October 1, 1992, the Federal Emergency Management Agency (FEMA) implemented the use of detailed application and certification forms for requesting revisions or amendments to National Flood Insurance Program (NFIP) maps. These forms outline technical and NFIP-related considerations in a fashion that facilitates an efficient review.

In addition, FEMA has implemented a reimbursement procedure to recover costs associated with reviewing and processing CLOMR requests, thus reducing the expense to the NFIP. The initial fees of \$735 are the minimum charges associated with our review of a project of this type. You will be notified of the estimated costs if we anticipate that, due to the extent of the review required, the total costs will exceed \$1,500. In that situation, our review would be suspended pending our receipt of written authorization from you to proceed.

Using the previously referenced certification forms, we have completed an inventory of the items that you submitted. The items identified below are required before we can begin a detailed review of the request.

ITEM

1. We have received all of the data and initial fees we require to begin a detailed technical review of your request. If additional data are required, we will inform you within _____ days of the date of this letter. However, if application/certification form information is requested in Items 4 or 5 below, that information must be provided before we can issue our final determination.

- X 2. We must receive the initial fees, \$735, before we will begin our review. Payment must be in the form of a check or money order made payable to the National Flood Insurance Program. For identification purposes, the case number referenced above must be included on the check or money order. Please forward this payment to:

Federal Emergency Management Agency
Revisions Fee-Collection System Administrator
c/o Dewberry and Davis
P.O. Box 3173
Merrifield, Virginia 22116

- ___ 3. Based on our initial review of your request, we have determined that the total processing costs will exceed [\$1,500/\$2,500/\$5,000]. Please provide written authorization for us to proceed with our review to a limit of \$_____.
- X 4. All applicable forms from the enclosed "Application/Certification Forms" package and the necessary supporting data, as described in the package instructions, must be submitted.
- ___ 5. The following forms, which were omitted from your previous submittal, must be provided:
- ___ a. Form 1, entitled "Revision Requestor and Community Official Form."
 - ___ b. Form 2, entitled "Certification by Registered Professional Engineer and/or Land Surveyor."
 - ___ c. Form 3, entitled "Hydrologic Analysis Form."
 - ___ d. Form 4, entitled "Riverine Hydraulic Analysis Form."
 - ___ e. Form 5, entitled "Riverine Mapping Form."
 - ___ f. Form 6, entitled "Channelization Form."
 - ___ g. Form 7, entitled "Bridge/Culvert Form." (one form per new/revised bridge/culvert)
- ___ 6. With this letter we are returning the original package indicating those forms that have not been completed in their entirety or on which data were requested. The item(s) that must be completed and/or statement(s) requesting data have/has been marked with an asterisk (*). Please revise and resubmit the form package.
- ___ 7. Other: _____

Please note that if all of the required items are not submitted within 90 days of the date of this letter, any subsequent request will be treated as an original submittal and will be subject to all submittal/payment procedures, including the initial fees.

For a flood-control project to be exempt from fees and processing costs, it must be sponsored by a Federal, State, or local government, intended for public benefit, and primarily intended for flood-loss reduction to insurable structures in identified flood hazard areas that were in existence prior to commencement of construction of the flood-control project.

All required data (except the initial fees) and questions concerning your request are to be directed to our Technical Evaluation Contractor at the following address:

Michael Baker Jr., Inc.
3601 Eisenhower Avenue
Suite 600
Alexandria, Virginia 22304
(703) 960-8800

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

When you write us about your request, please include the case number referenced above in your letter.

If you have any questions concerning FEMA policy, or the NFIP in general, please contact Mr. Alan Johnson of our Headquarters staff in Washington, D.C., at (202) 646-3403, or by facsimile at (202) 646-3445.

Sincerely,



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

Enclosures

cc:

The Honorable Louis Saavedra
Mayor, City of Albuquerque

Mr. Jeffrey G. Mortensen, P.E.
President
Jeff Mortensen & Assoc., Inc.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 14, 1995

Federal Emergency Management Agency
Office of Risk Assessment
500 C Street, SW, Room 422
Washington, DC 20472

Case No: 93-06-238R
Community: City of Albuquerque,
New Mexico
Community No: 350002

Attention: Mr. Michael K. Buckley, P.E., Chief
Hazard Identification Branch
Mitigation Directorate

Dear Mr. Buckley:

This submittal is in response to the letter from the Federal Emergency Management Agency (FEMA) to the City of Albuquerque dated February 16, 1994, requesting additional data in order for FEMA to prepare a Letter of Map Revision (LOMR) for the above referenced project. FEMA's letter requested the following information which is included with this submittal:

1. The appropriate initial fee of \$225.00 as required by section 72.3 of the National Flood Insurance Program (NFIP) regulations.
2. As-built plans, certified by a Registered Professional Engineer, of all proposed project elements.

Your prompt response and approval for this LOMR would be greatly appreciated. If you should have any questions concerning this submittal, please do not hesitate to call me at (505) 768-2666.

Sincerely,

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Mr. Robert Hendrix, Branch Chief, Region VI, FEMA
Jeffrey G. Mortensen, Jeff Mortensen & Associates, Inc.
File (C19/D9)



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 25, 1994

Jeff Mortensen, P.E.
Jeff Mortensen & Assoc.
6010-B Midway Park Blvd NE
Albuquerque, N.M. 87109

RE: ENGINEER'S CERTIFICATION FOR TIERRA LA CUEVA #2 (C-19/D9A)
RECEIVED JUNE 29, 1994 FOR FINANCIAL GUARANTY RELEASE
ENGINEER'S STAMP DATED 06-28-94

Dear Mr. Mortensen:

Based on the information included in the submittal referenced above, City Hydrology accepts the Certification and releases the Financial Guaranty for Project #4368.91.

If I can be of further assistance, You may contact me at 768-2727.

Sincerely,

John P. Curtin, P.E.
Civil Engineer/Hydrology

WPHYD/8754/jpc

c: Lynda-Michelle DeVanti, City Project #4368.91
Andrew Garcia

DRAINAGE INFORMATION SHEET

940101

PROJECT TITLE: TIERRA LA CUEVA - UNIT 2 ZONE ATLAS/DRNG. FILE #: C19/D9ADRB #: 93-2 EPC #: _____ WORK ORDER #: 4348.91LEGAL DESCRIPTION: TIERRA LA CUEVA - UNIT 2

CITY ADDRESS: _____

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSENADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250OWNER: SIGNATURE J. HOMES CONTACT: RIK DAVIESADDRESS: _____ PHONE: 828-1100ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSENADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

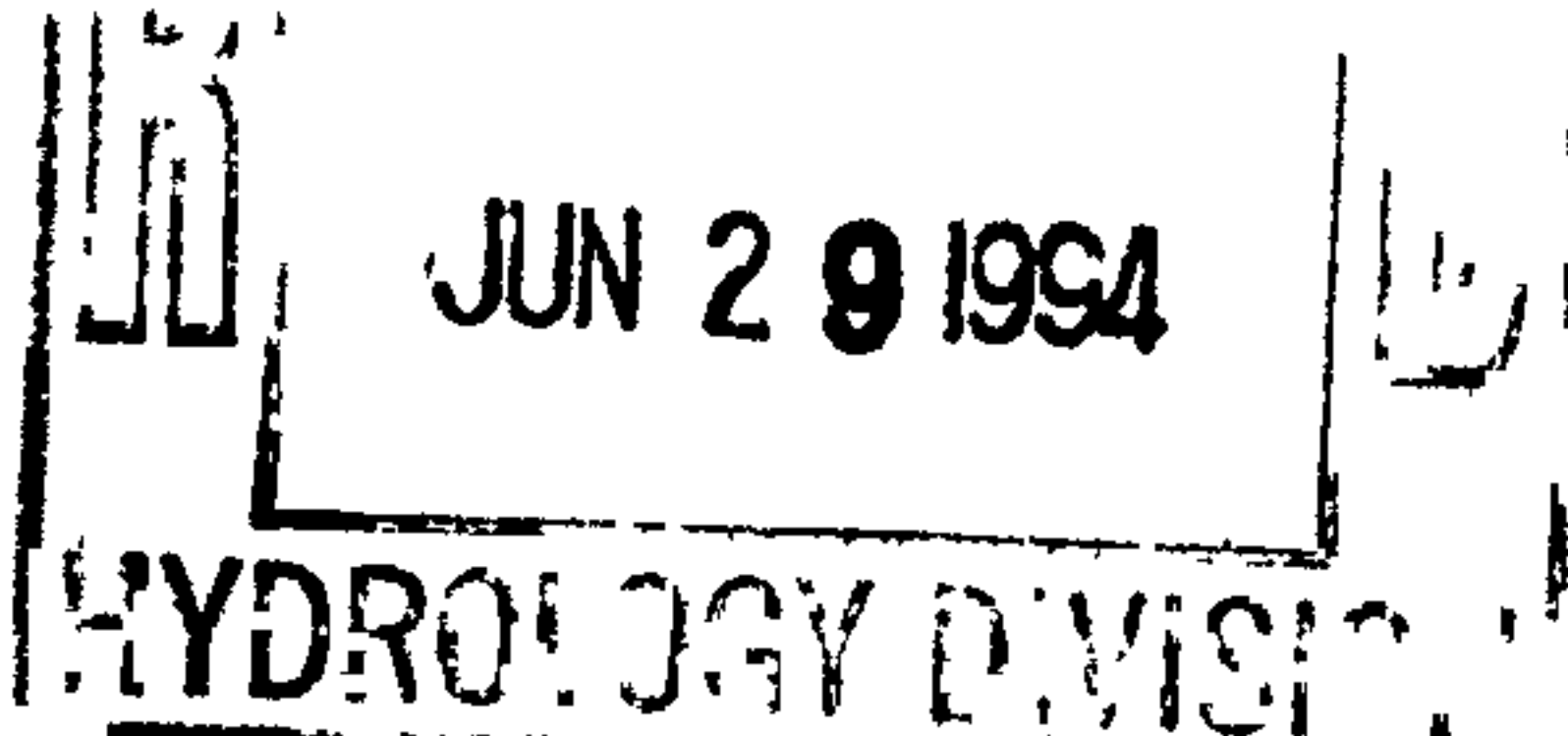
- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION
☐ OTHER

PRE-DESIGN MEETING:

- ☐ YES
☐ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☒ OTHER FINANCIAL (SPECIFY)
GUARANTEE RELEASE

DATE SUBMITTED: 06-28-94BY: JEFFREY G. MORTENSEN

8754



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 23, 1994

CERTIFICATE OF COMPLETION AND ACCEPTANCE

Griff Pickard
Signature J., Homes, Inc.
7007 Wyoming N.E., Suite E
Albuquerque, NM 87109

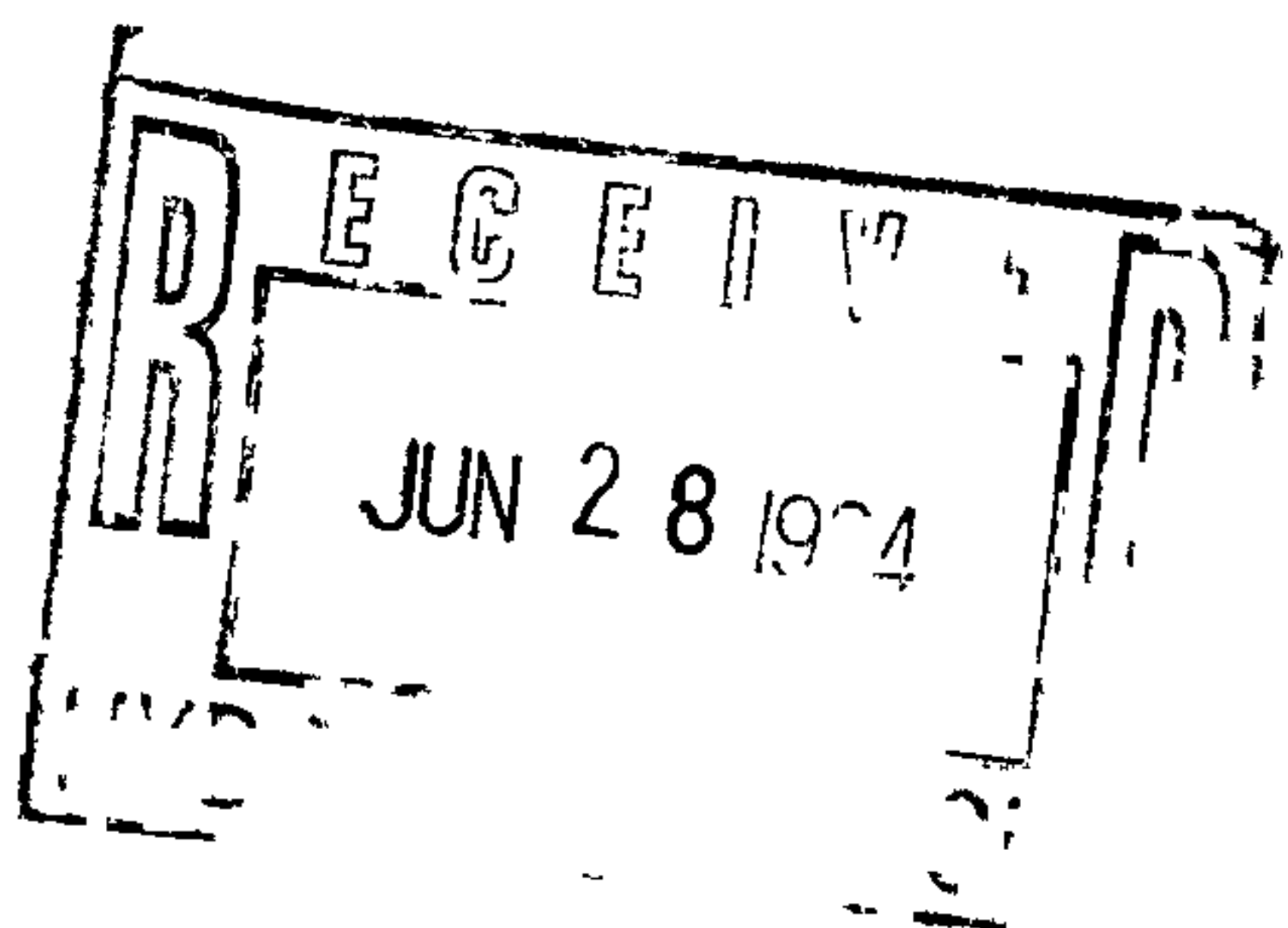
RE: PROJECT NO. 4368.82, TIERRA LA CUEVA, PHASE II , (MAP NO. C-19)

Dear Mr. Pickard:

This is to certify that the City of Albuquerque accepts Project No. 4368.82 as being completed according to approved plans and construction specifications. Please be advised this certificate of completion and acceptance shall only become effective upon final plat approval and filing in the office of the Bernalillo County Clerk's Office,

The project is described as follows:

- Installation of curbing, residential pavement, sanitary sewer main and services, water main and services on Tierra Bonita Place, Tierra Serena Place, and Tierra Alegre Drive as shown on the plat of Lots 1 through 29, Tierra La Cueva, Unit 2.
- Installation of storm sewer catch basin and outfall between Lots 7 and 8 of the Tierra La Cueva, Unit 2.



PROJECT TITLE: TIERRA LA CUEVA - UNIT 2 ZONE ATLAS/DRNG. FILE #: 940101 C19/D9A
 DRB #: 93-2 EPC #: _____ WORK ORDER #: 4368.91
 LEGAL DESCRIPTION: TIERRA LA CUEVA UNIT 2
 CITY ADDRESS: _____

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

OWNER: SIGNATURE J. HOMES CONTACT: RICK DANIELS

ADDRESS: _____ PHONE: 828-1100

ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

CONTRACTOR: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☒ OTHER EASEMENT

PRE-DESIGN MEETING:

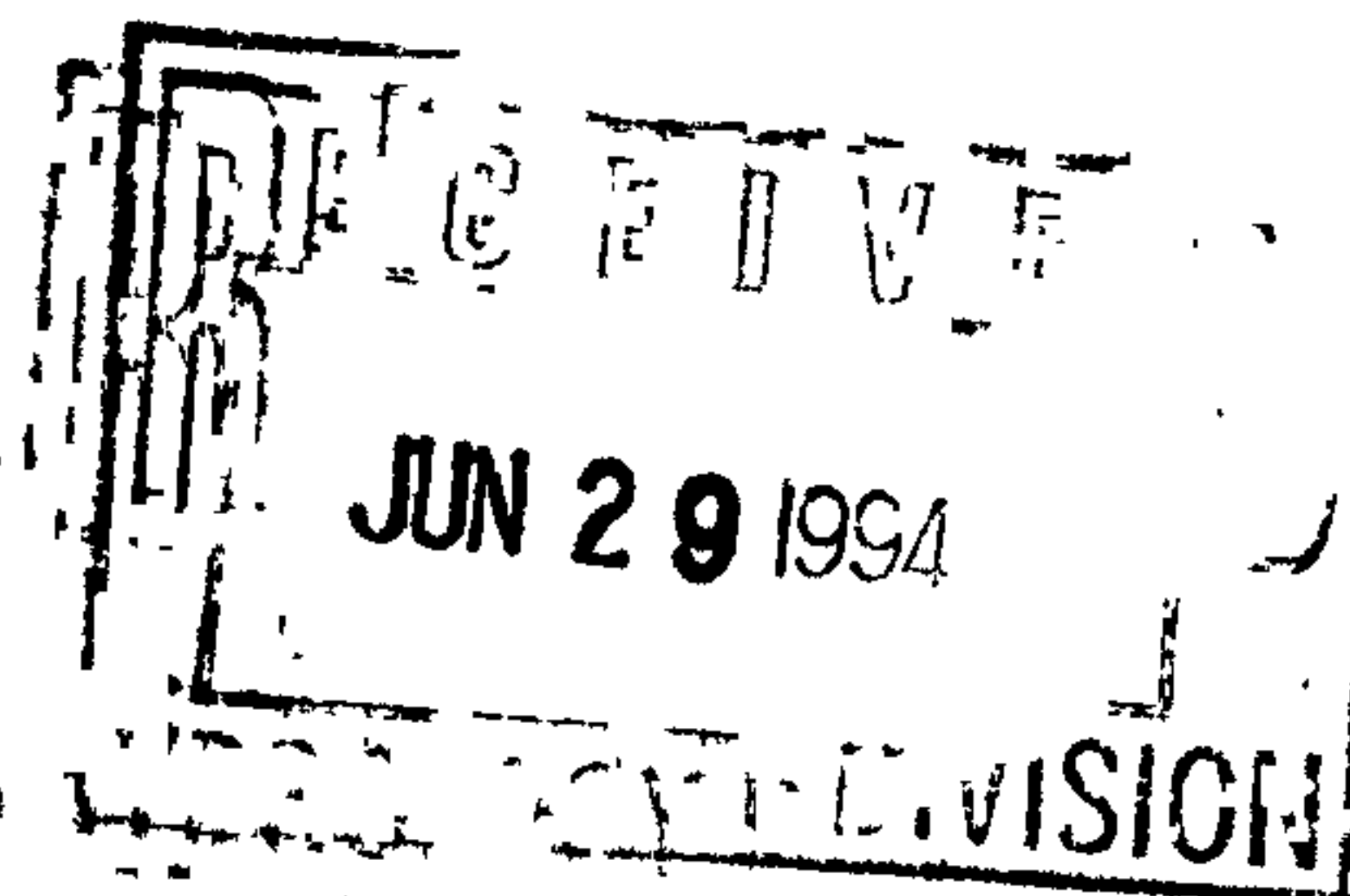
- ☐ YES
☐ NO
☐ COPY PROVIDED

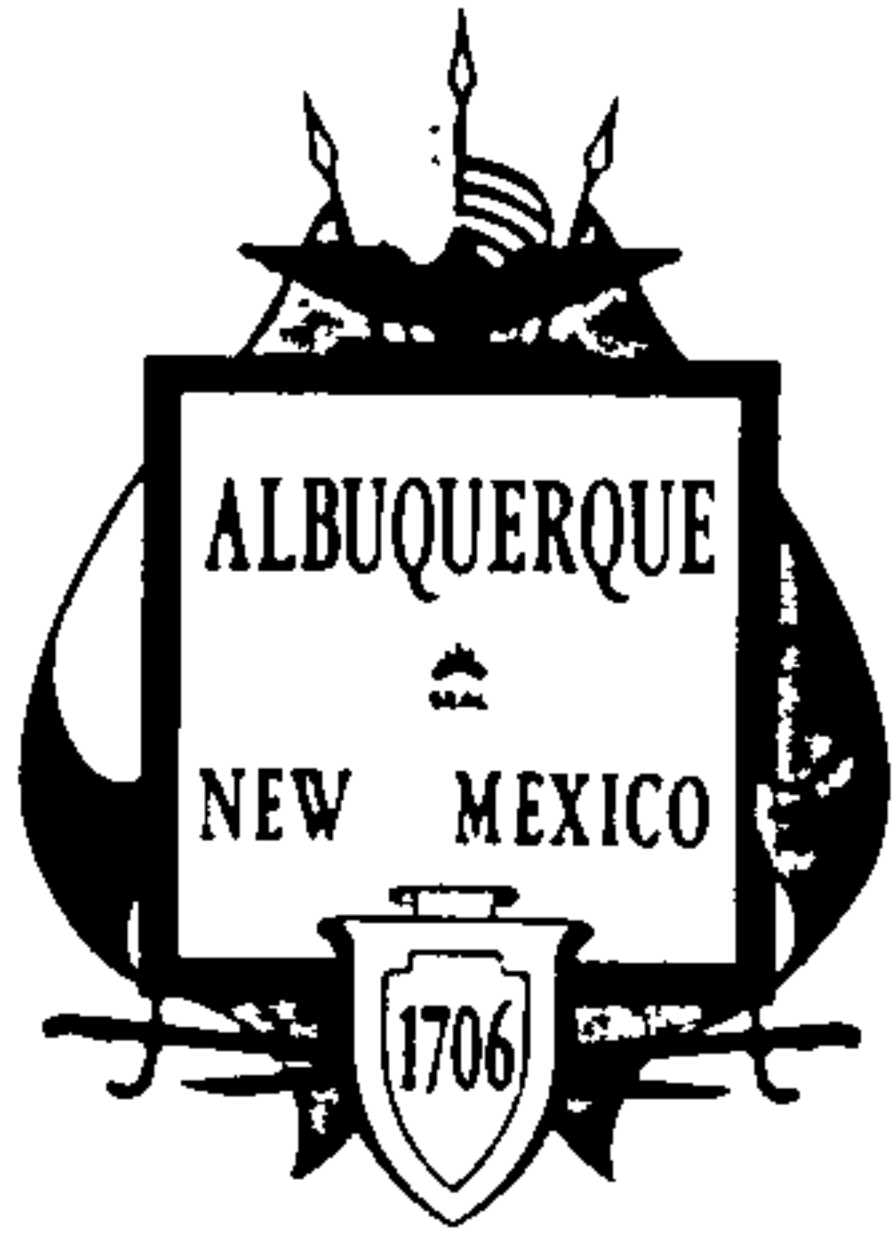
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☒ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 06-28-94

BY: JEFFREY G. MORTENSEN





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 18, 1993

Jeffrey G. Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
6010-B Midway Park Boulevard, NE
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR TIERRA LA CUEVA UNIT II, RECEIVED REPORT AUGUST 25
FOR PRELIMINARY PLAT & GRADING PERMIT APPROVAL, (C-19/D9A)

Dear Mr. Mortensen:

Based on the information provided on the referenced submittal, the report is acceptable for Preliminary Plat.

Prior to Rough Grading Permit approval, kindly address the following comments:

1. Are you proposing that the garage be lower than the street for lots 2-8? Are you proposing walk out basements on the rear yards for these lots? Additional cross sections are required to show how these pads will work.
2. It appears you are missing some retaining walls particularly adjacent to Wilshire and Barstow street, is this correct?
3. Show official designated 100-year floodplain on the grading plan.
4. Submit a copy of the easement and drainage analysis for the downstream channel for this file.
5. It appears that a maintenance vehicle will have a difficult time maneuvering into the channel. There is an 8 inch drop behind the sidewalk with a ramp slope of 4:1. Please modify this design.

Please consider a hardlined treatment for the swale along Wyoming Boulevard.

Financial Guarantees must be in place with DRC prior to Final Plat sign-off by the City Engineer.

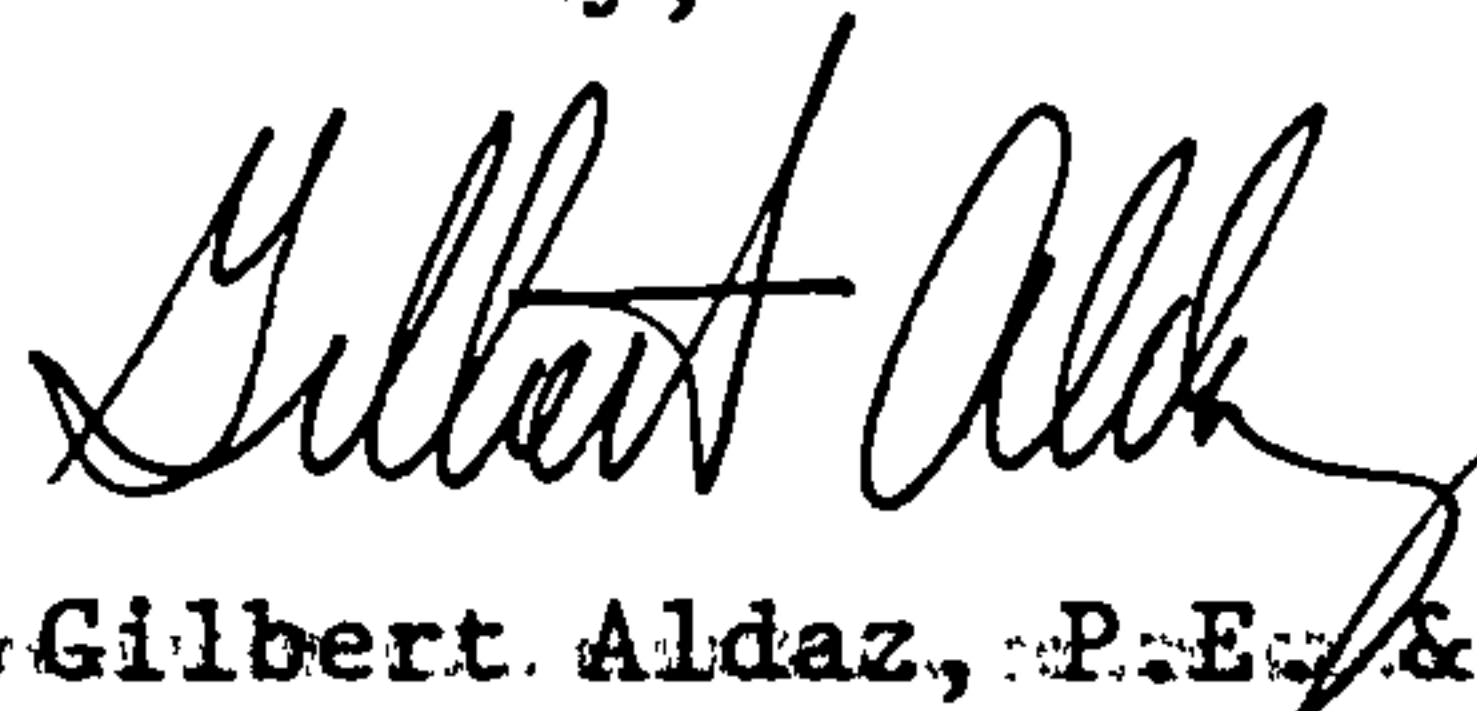
PUBLIC WORKS DEPARTMENT

Jeffrey Mortensen
Page 2

A note will be required on the plat regarding flood insurance requirements for those lots in the official 100-year floodplain, until such time that a LOMR is secured.

If you should have any questions, please do not hesitate to contact me.

Cordially,

A handwritten signature in black ink, appearing to read "Gilbert Aldaz", written in a cursive style.

Gilbert Aldaz, P.E. & P.S.
City/County Floodplain Administrator

GA/WPHYD2889

xc: Clifford E. Anderson, AMAFCA
(File)

DRAINAGE INFORMATION SHEET

921041

PROJECT TITLE: TIER 2 LA CUEVA UNIT 2 ZONE ATLAS/DRNG. FILE #: C19/D9A
 DRB #: 93-2 EPC #: _____ WORK ORDER #: _____
 LEGAL DESCRIPTION: LOTS 13920, BLK 15, N. ALB. ACRES, T12 2,
 CITY ADDRESS: UNIT 3 AND LOT 40 TIER 2 LA CUEVA UNIT 1
 ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250
 OWNER: SUNCOR DEVELOPMENT CONTACT: GRIFF PICKARD
 ADDRESS: _____ PHONE: 828-1100
 ARCHITECT: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250
 CONTRACTOR: SPARKLING CONSTRUCTION CONTACT: BOB SPARKLING
 ADDRESS: _____ PHONE: 821-1034

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT☒ DRAINAGE PLAN☐ CONCEPTUAL GRADING & DRAINAGE PLAN☒ GRADING PLAN☐ EROSION CONTROL PLAN☐ ENGINEER'S CERTIFICATION☐ OTHER

PRE-DESIGN MEETING:

☒ YES☐ NO☐ COPY PROVIDED

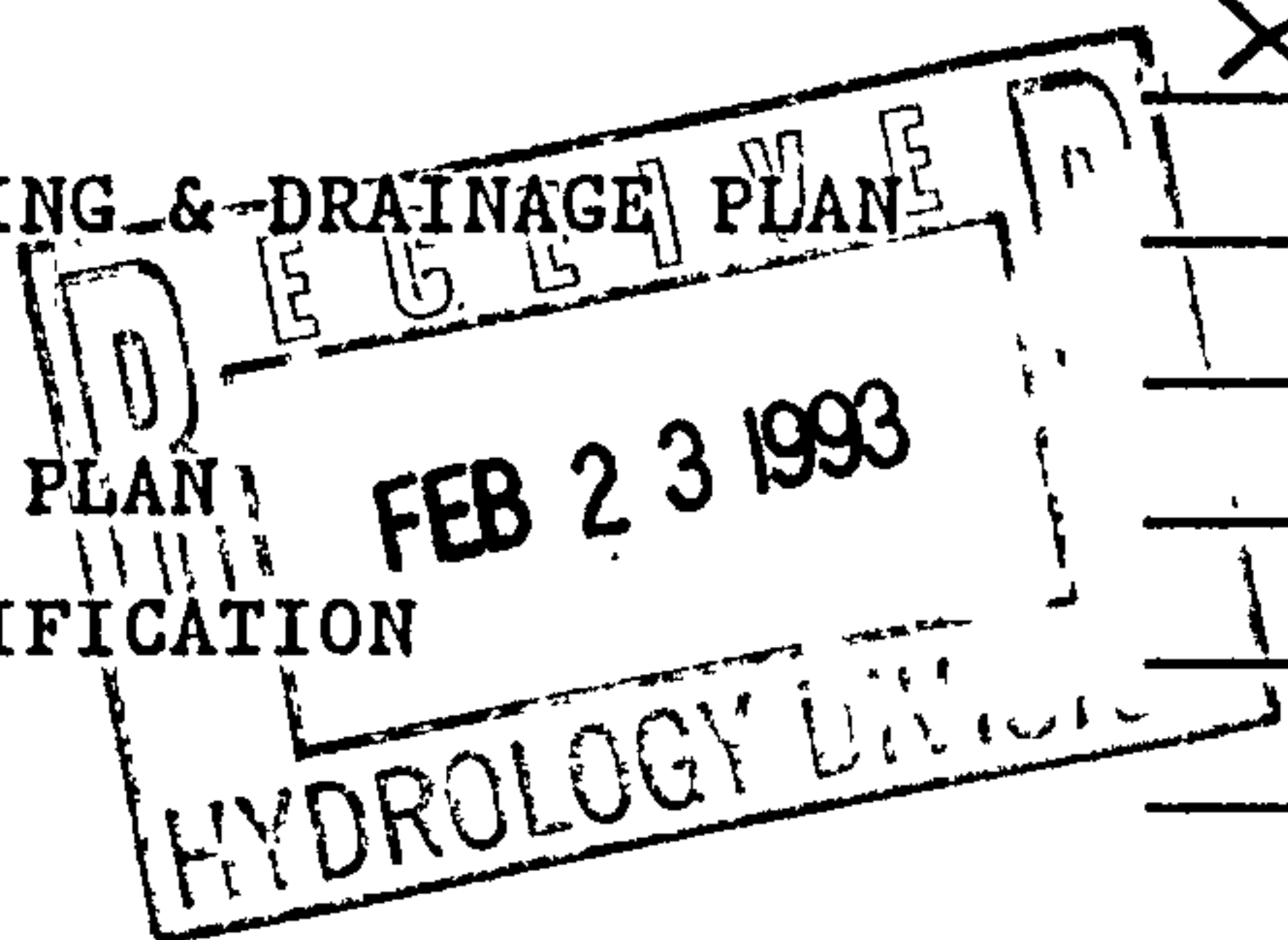
CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL☒ PRELIMINARY PLAT APPROVAL☐ S. DEV. PLAN FOR SUB'D. APPROVAL☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL☐ SECTOR PLAN APPROVAL☐ FINAL PLAT APPROVAL☐ FOUNDATION PERMIT APPROVAL☐ BUILDING PERMIT APPROVAL☐ CERTIFICATE OF OCCUPANCY APPROVAL☒ GRADING PERMIT APPROVAL☐ PAVING PERMIT APPROVAL☐ S.A.D. DRAINAGE REPORT☐ DRAINAGE REQUIREMENTS☐ OTHER _____ (SPECIFY)

DATE SUBMITTED:

02-23-93

BY:

JEFFREY G. MORTENSEN



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 22, 1992

Jeffrey G. Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
6010-B Midway Park Boulevard, NE
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR TIERRA LA CUEVA UNIT II, RECEIVED REPORT AUGUST 25
FOR PRELIMINARY PLAT & CONDITIONAL LETTER OF MAP REVISION,
ENGINEER'S STAMP DATED AUGUST 24, 1992, (C-19/D9A)

Dear Mr. Mortensen:

Based on the information provided on the referenced submittal, the report is approved for Preliminary Plat.

We have sent the report to FEMA for a Conditional Letter of Map Revision, by separate cover letter.

Please consider a hardlined treatment for the swale along Wyoming Boulevard.

Financial Guarantees must be in place with DRC prior to Final Plat sign-off by the City Engineer.

A note will be required on the plat regarding flood insurance requirements for those lots in the official 100-year floodplain, until such time that a LOMR is secured.

If you should have any questions, please do not hesitate to contact me.

Cordially,

Gilbert Aldaz, P.E. & P.S.
City/County Floodplain Administrator

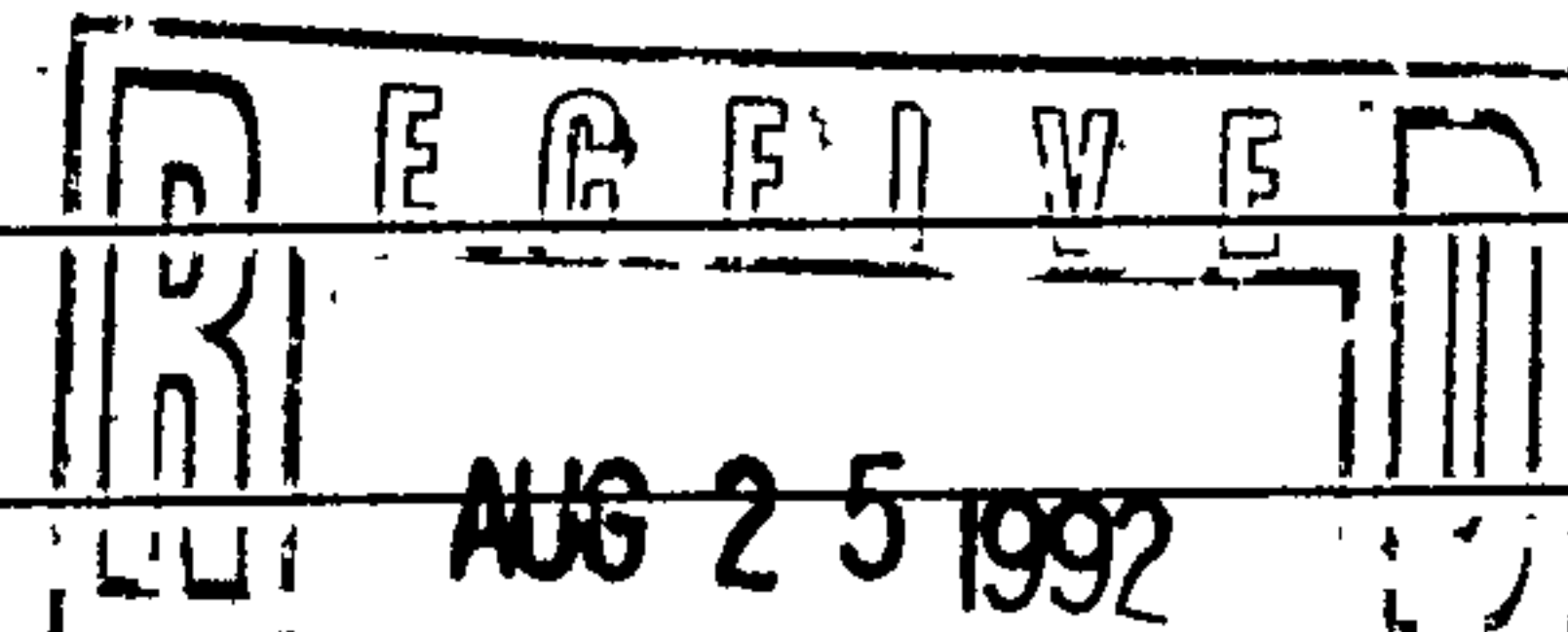
GA/WPHYD2889

xc: Clifford E. Anderson, AMAFCA
File

PUBLIC WORKS DEPARTMENT

DRA . GE INFORMATION SHEET

PROJECT TITLE: Tierra La Cueva Unit 2 ZONE ATLAS/DRNG. FILE #: C-19/D9/A
 DRB #: 91-78 EPC #: Z-91-19 WORK ORDER #: 4368.90
 LEGAL DESCRIPTION: Lot 40, Tierra La Cueva Unit 1
 CITY ADDRESS: Intersection of Barstow Street N.E. & Alameda Avenue N.E.
 ENGINEERING FIRM: Jeff Mortensen & Associates CONTACT: Jeffrey G. Mortensen
 ADDRESS: 6010-B Midway Park Blvd. N.E. PHONE: 345-4250
 OWNER: Suncor Development Company, Inc. CONTACT: H. Griffin Pickard, Jr.
 ADDRESS: 7007 Wyoming N.E., Bldg. E-1 PHONE: 828-1100
 ARCHITECT: n/a CONTACT: _____
 ADDRESS: _____ PHONE: _____
 SURVEYOR: Jeff Mortensen & Associates, Inc. CONTACT: Jeffrey G. Mortensen
 ADDRESS: 6010-B Midway Park Blvd. N.E. PHONE: 345-4250
 CONTRACTOR: not selected CONTACT: _____
 ADDRESS: _____ PHONE: _____



TYPE OF SUBMITTAL:

___ DRAINAGE REPORT
 ___ DRAINAGE PLAN
 ___ CONCEPTUAL GRADING & DRAINAGE PLAN
 ___ GRADING PLAN
 ___ EROSION CONTROL PLAN
 ___ ENGINEER'S CERTIFICATION
xxx OTHER (CLOMR)

PRE-DESIGN MEETING:

xx YES (with Gilbert Aldaz)
 ___ NO
 ___ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL
xx PRELIMINARY PLAT APPROVAL
 ___ S. DEV. PLAN FOR SUB'D. APPROVAL
 ___ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
 ___ SECTOR PLAN APPROVAL
 ___ FINAL PLAT APPROVAL
 ___ FOUNDATION PERMIT APPROVAL
 ___ BUILDING PERMIT APPROVAL
 ___ CERTIFICATE OF OCCUPANCY APPROVAL
 ___ GRADING PERMIT APPROVAL
 ___ PAVING PERMIT APPROVAL
 ___ S.A.D. DRAINAGE REPORT
 ___ DRAINAGE REQUIREMENTS
xx OTHER CLOMR (SPECIFY)

DATE SUBMITTED: August 25, 1992BY: Jeffrey G. Mortensen, P.E.