



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 9, 2004

Gary Werner, P.E.
Resource Technology, Inc.
5501 Jefferson Blvd. NE Suite 200
Albuquerque, NM 87109

Re: Eldorado North Subdivision, SIA/Financial Guarantee Release
Pond Reclamation Plan Engineer's Stamp dated 11-24-03
Certification dated 2-06-04
Grading and Drainage Plan Engineer's Stamp dated 3-27-02 (L9/D27B)
Certification dated 1-13-04

Dear Mr. Werner,

Based upon the information provided in your submittal received 2-06-04, the above referenced certification is approved for release of SIA and Financial Guarantee.

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: Arlene Portillo, COA# 689881
file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

L-9/D27B

PROJECT TITLE: EL DORADO NORTH City Project # 6898.81
 DRB #: 1001071 EPC#: _____ ZONE MAP/DRG. FILE #: L9Z
 WORK ORDER#: _____

LEGAL DESCRIPTION: EL DORADO NORTH SUBDIVISION
 CITY ADDRESS: _____

ENGINEERING FIRM: RESOURCE Technology
 ADDRESS: 5501 JEFFERSON, SUITE 200
 CITY, STATE: ALBUQ, NM

CONTACT: GARY WERNER
 PHONE: 243-7300
 ZIP CODE: 87109

OWNER: TEN WEST, LLC
 ADDRESS: 333 LOMAS NE
 CITY, STATE: ALBUQ, NM

CONTACT: FRANK WILSON
 PHONE: 998-0301
 ZIP CODE: 87102

ARCHITECT: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

SURVEYOR: Surveys Southwest
 ADDRESS: 333 LOMAS NE
 CITY, STATE: ALBUQ, NM

CONTACT: DAN GRANEY
 PHONE: 998-0303
 ZIP CODE: 87102

CONTRACTOR: NEW Concepts
 ADDRESS: P.O. Box 9555
 CITY, STATE: ALBUQ, NM

CONTACT: BURL DICKINSON
 PHONE: 452-8910
 ZIP CODE: 87119

CHECK TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION-CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMP/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CoA# 689881 G&D plan date 3/27/02

SO19 → Y, 1/14/04
 Pond Plan → date 11/24/03

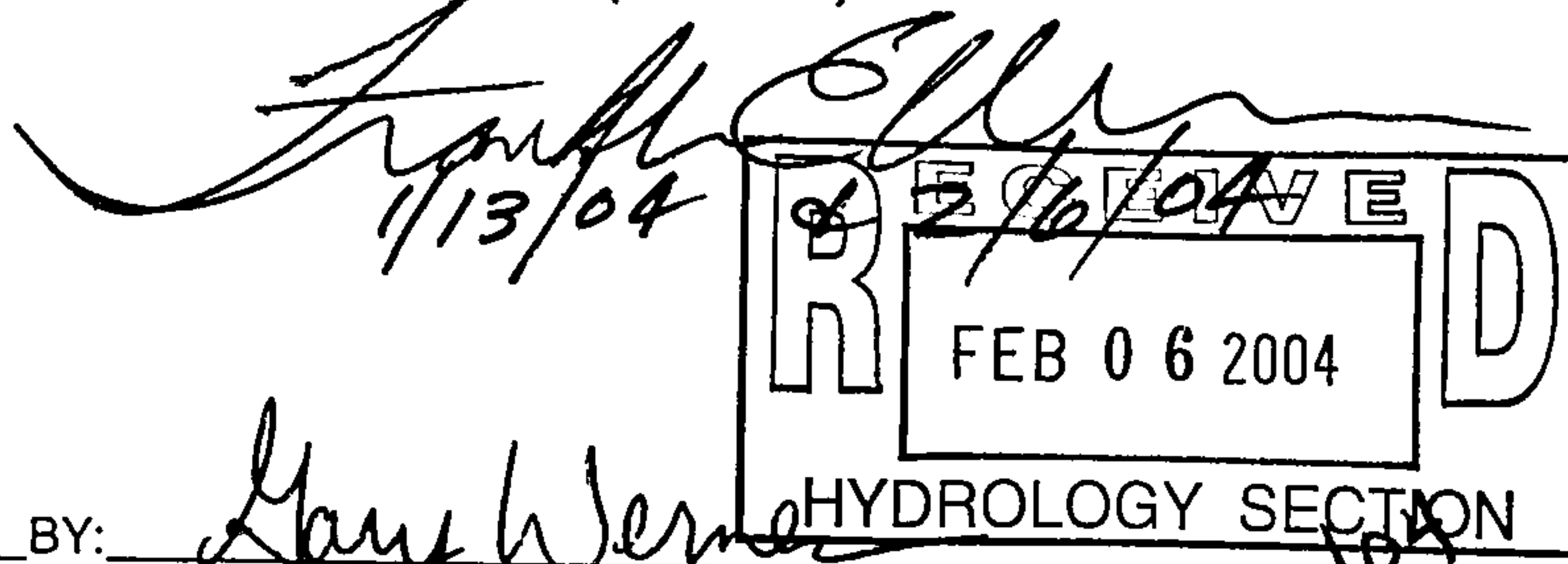
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 1/13/04 BY: Gary Werner

CHECK TYPE OF APPROVAL SOUGHT:

- ☒ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ 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 (PERM.)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5)
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

STUSON, INC.
333 Lomas NE
Albuquerque, NM 87102
(505) 998-0301

February 6, 2004

Brad Bingham, P.E.
City of Albuquerque
600 Second Street NW
Albuquerque, NM 87102

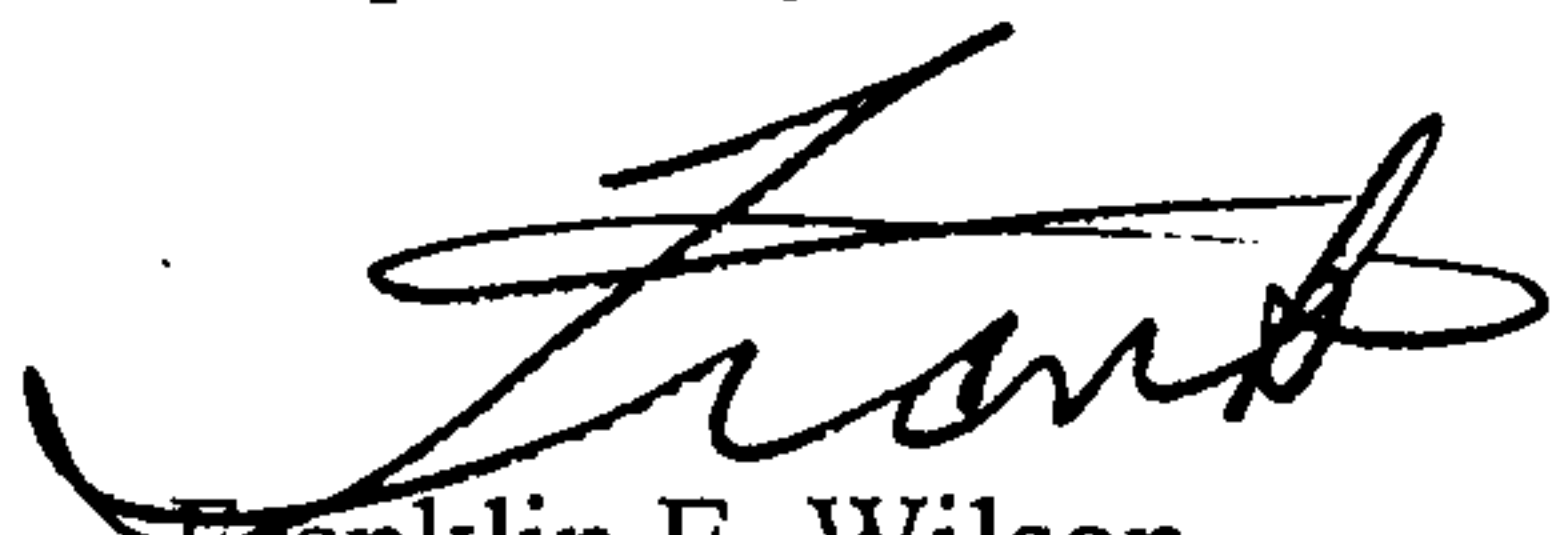
RE: Eldorado North
Project #6898.81

Dear Brad:

Attached please find the two as built grading plans for your review and approval, and the paid in full SAD receipt for Tract B.

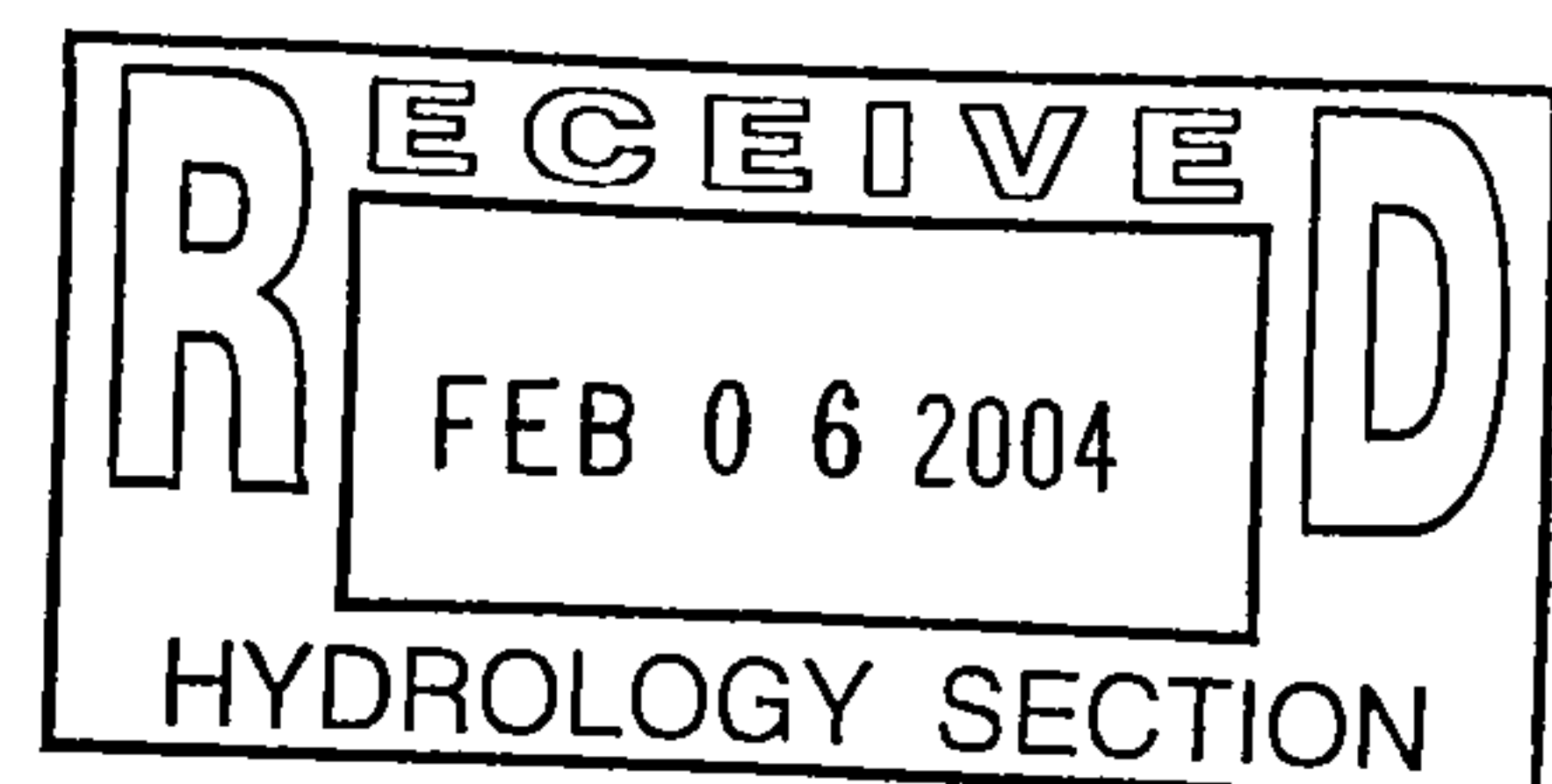
If you have any questions, please call me at 998-0301.

Respectfully,



Franklin E. Wilson
Managing Partner

FW/lf



FEB 05'04 15:37 No.001 P.01

ID:

ID: *stuson Inc*
CL# 1101

JAN 28'04

16:04 No.002 P.01

Due By:

City of Albuquerque
P.O. Box 1985
Albuquerque, NM 87103-1985
871031985

Account ID: 222 80A47 221635

Remittance ID: 0222221635

BIN Type: Reprint

Amount Due:

\$2,420.13

Amount Enclosed:

*2420.13*SEND ALL CORRESPONDENCE TO CITY OF ALBUQ. PO BOX 1985, 87102
DO NOT SEND CORRESPONDENCE WITH PAYMENT

Mail Payment to:

Franklin E. Wilson
333 Lomas NE
Albuquerque NM 87102
87102City Of Albuquerque
P.O. BOX 1313
Albuquerque, NM 87103-1313

020 *

00002003100100002222216357

0000021907

City of Albuquerque
Treasury Division2/3/2004 3:22PM LOC: MAIN
RECEIPT# 00040904 WSH C03 TRANS# 0196
Account# 02222216357 TRERAR
Trans Amt \$2,420.13
Special Assessment \$2,420.13
CK \$2,420.13
CHANGE \$0.00

Thank You

Post-It® Fax Note 7671		Date <i>2/5/04</i>	Page <i>4</i>
To <i>Mr. Stuart</i>	From <i>Lupe Malloza</i>		
Co./Dept.	CC <i>Special Assessment</i>		
Phone #	Phone # <i>768-3233</i>		
Fax #	Fax #		



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 19, 2003

Elvideo Deniz, PE
Resource Technology, Inc.
5501 Jefferson Blvd NE Ste 200
Albuquerque, NM 87109

**Re: Eldorado North Subdivision Pond Reclamation Grading Plan
Engineer's Stamp 11-24-03, (L9/D27B)**

Dear Mr. Deniz,

Based on your information contained in your submittal dated 11-24-03, the above referenced plan is approved for Preliminary Plat action by the DRB. Prior to Final Plat signoff by City Engineer, please provide the following:

- A Engineer's Certification of this grading plan
- City acceptance of the modifications that you are doing to the SD system. Contact Matt Cline, Storm Drain Maintenance, at 250-2640 to schedule inspection.
- City acceptance of the downstream stormdrain system constructed by Work Order 713381.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept
Development and Building Services

C: Matt Cline, CoA
file

Pam Lujan

approved
SO #19
B.L.B.

**Resource Technology, Inc.**

5501 Jefferson Blvd. NE, Suite 200 Albuquerque, NM 87109

Telephone (505) 243-7300

FAX: (505) 243-7400

E-Mail: rti@nm.net

FACSIMILE TRANSMITTAL SHEET

TO: BRAD BINGHAMFAX NO.: 924-3864 DATE: 11/25/03FROM: GARY WERNER

FAX NO.: (505) 243-7400 TELEPHONE NO.: (505) 243-7300

This transmission will have 3 pages, including this cover page. If you do not receive all of the pages, please call (505) 243-7300.

Thank you.

NOTES: _____

Resource Technology, Inc.

5501 Jefferson Blvd. NE. Ste. 200 Albuquerque, NM 87109

Telephone: (505) 243-7300

FAX: (505) 243-7400

E-Mail: rti@nm.net

TRANSMITTAL

TO: City of Albuquerque FROM: Gary Werner
600 N 2nd Street, NW
Albuquerque, NM 87103 DATE: 11/25/03

ATTN: Bradley BinghamRE: ELDERADO NORTH SUBDIVISION OUR PROJECT NO.: 01-280

WE TRANSMIT THE FOLLOWING:

- | | | |
|--|---|---|
| <input type="checkbox"/> SHOP DRAWINGS | <input type="checkbox"/> SPECIFICATIONS | <input type="checkbox"/> CHANGE ORDER |
| <input type="checkbox"/> PRINTS | <input type="checkbox"/> COPY OF LETTER | <input type="checkbox"/> UNDER SEPARATE COVER VIA _____ |
| | <input type="checkbox"/> DOCUMENTS | <input type="checkbox"/> _____ |

FOR YOUR:

- | | |
|---|--|
| <input type="checkbox"/> APPROVAL | <input type="checkbox"/> DISTRIBUTION TO PARTIES |
| <input type="checkbox"/> REVIEW & COMMENT | <input type="checkbox"/> RECORD |
| <input type="checkbox"/> USE | <input type="checkbox"/> INFORMATION |

IF MATERIAL RECEIVED IS NOT AS LISTED,
PLEASE NOTIFY US AT ONCE.

COPIES	DATE	ITEM DESCRIPTION
1	11/25/03	DRAINAGE INFORMATION SHEET

REMARKS: _____

COPY TO: FRANK WILSON

Civil Engineering - Environmental Sciences - Water Resources - Landscape Architecture - Planning

DRAINAGE INFORMATION SHEET

L-9/0278

PROJECT TITLE: ELDORADO NORTHZONE ATLAS/DRNG. FILE #: L-9-Z

DRB #:

EPC#:

WORK ORDER#:

LEGAL DESCRIPTION:

CITY ADDRESS: NORTH SIDE OF EUCARIZ AVE. BETWEEN 90TH AND 94TH STREETS, SWENGINEERING FIRM: RESOURCE TECHNOLOGY, INC.CONTACT: GARY WERNERADDRESS: 5501 JEFFERSON, NE SUITE 200PHONE: 243-7300Albuquerque, NM 87109OWNER: FRANKLIN WILSON TRUST & F.D. STUART, INC.CONTACT: FRANKLIN WILSONADDRESS: 333 LOMAS NE.PHONE: 998-0301Albuquerque, NM 87102

ARCHITECT:

CONTACT:

ADDRESS:

PHONE:

SURVEYOR:

CONTACT:

ADDRESS:

PHONE:

CONTRACTOR:

CONTACT:

ADDRESS:

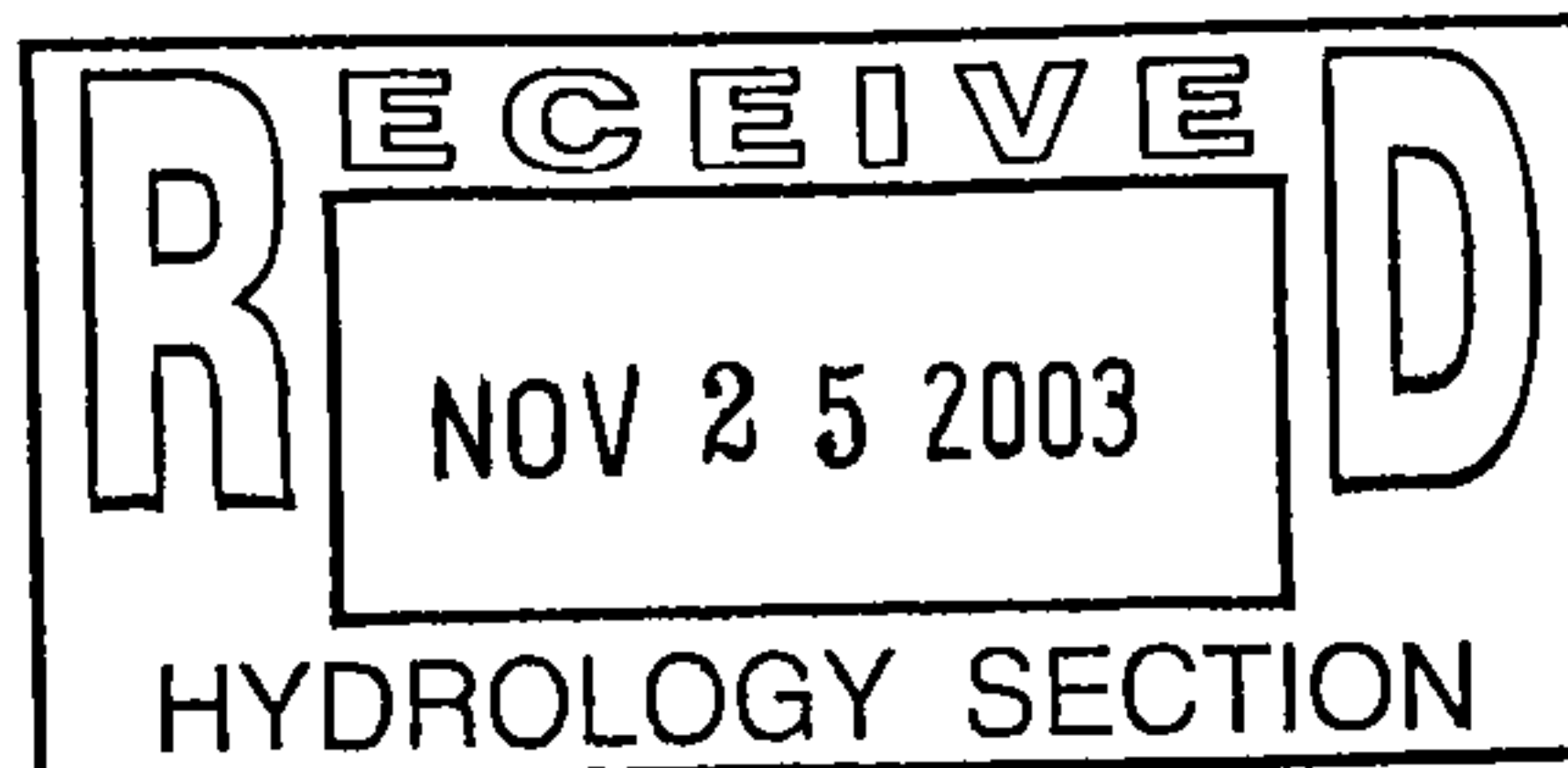
PHONE:

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☒ OTHER RECLAMATION OF TEMPORARY DRAINAGE POND.

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 PLAN APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☒ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ SUBDIVISION CERTIFICATION
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: Nov. 25, 2003

BY:

Gary Werner, PE

*** RX REPORT ***

RECEPTION OK

TX/RX NO	7803
CONNECTION TEL	243 7400
SUBADDRESS	
CONNECTION ID	
ST. TIME	11/25 09:34
USAGE T	01'40
PGS.	3
RESULT	OK



Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
• Planning

Ray C. Chavez, E.I.
Engineering Staff

(505) 243-7300
(505) 243-7400 Fax

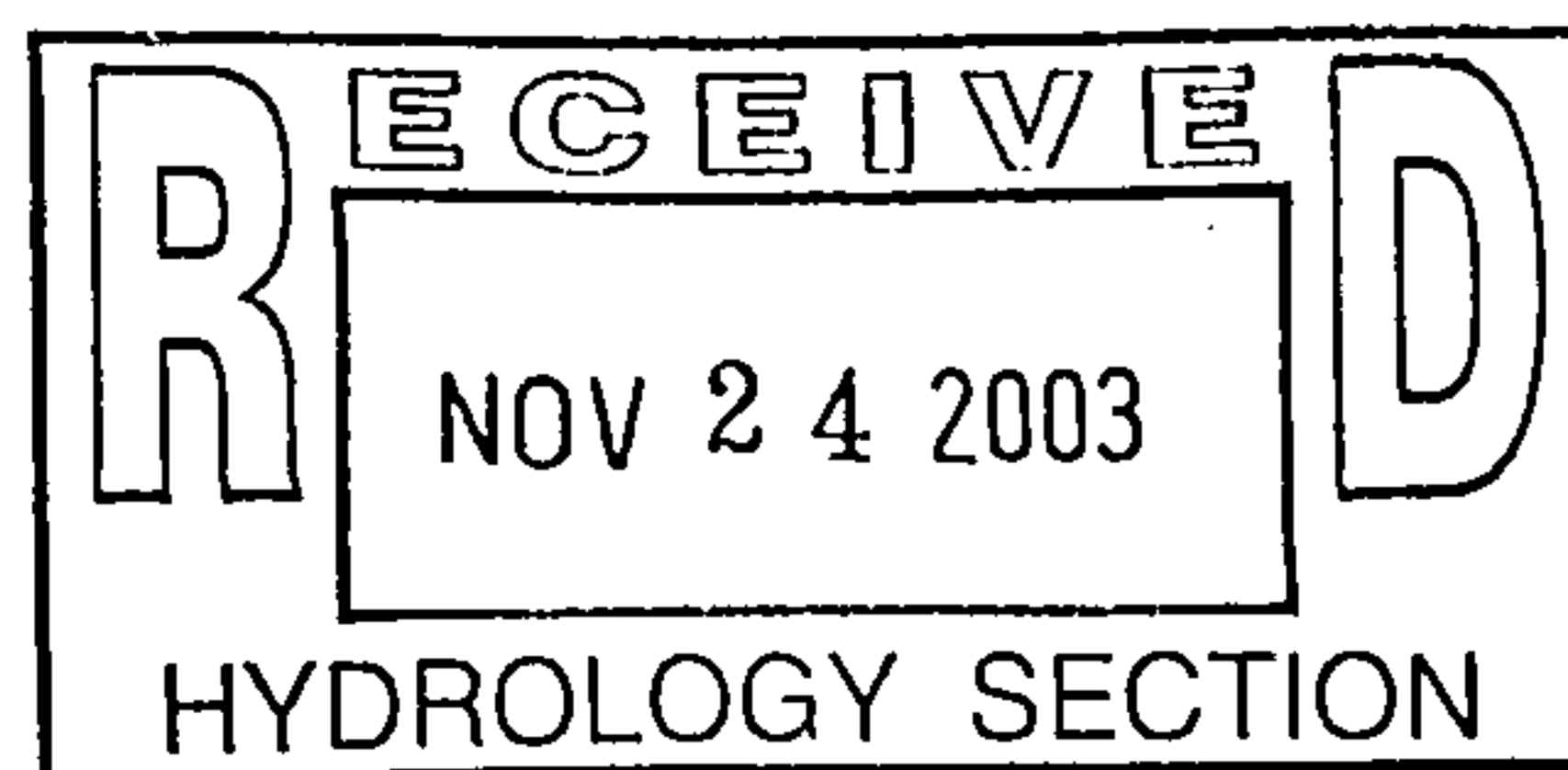
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
Email: rtiengr@nm.net

To: Brad Bingham
From: Gary Werner (RTI)

2 copies of Eldorado North-Temp.
Vacation Pond

To: Brad Bingham
From: Gary Werner (RTI)

2 copies of Eldorado North-Temp.
Vacation Pond





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 9, 2002

June Page, PE
Resource Technology, Inc.
5501 Jefferson Blvd NE Ste 200
Albuquerque, NM 87109

**Re: Eldorado North Subdivision Drainage Report
Engineer's Stamp 3-27-02, (L9/D27B)**

Dear Ms. Page,

Based on your information contained in your submittal dated 4-3-02, the above referenced report is approved for Preliminary Plat action by the DRB.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept
Development and Building Services

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

L-9/D27B

PROJECT TITLE: ELDORADO NORTH ZONE MAP/DRG. FILE #: L 9 Z
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION:

CITY ADDRESS: NORTH SIDE OF EUCARIZ BETWEEN 94th & 90th

ENGINEERING FIRM: RESOURCE TECHNOLOGY INC

ADDRESS: 5501 JEFFERSON NE SUITE 200
CITY, STATE: ALBUQUERQUE NM

CONTACT: JUNE PAUL

PHONE: 2437300

ZIP CODE: 87107

OWNER: FRANK WILSON TRUST F.E.D. STUART INC

ADDRESS: 333 LOMAS NE
CITY, STATE: ALBUQUERQUE NM

CONTACT: FRANK WILSON

PHONE: 9980305

ZIP CODE: 87102

ARCHITECT:

ADDRESS: _____
CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

SURVEYOR:

ADDRESS: _____
CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CONTRACTOR:

ADDRESS: _____
CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

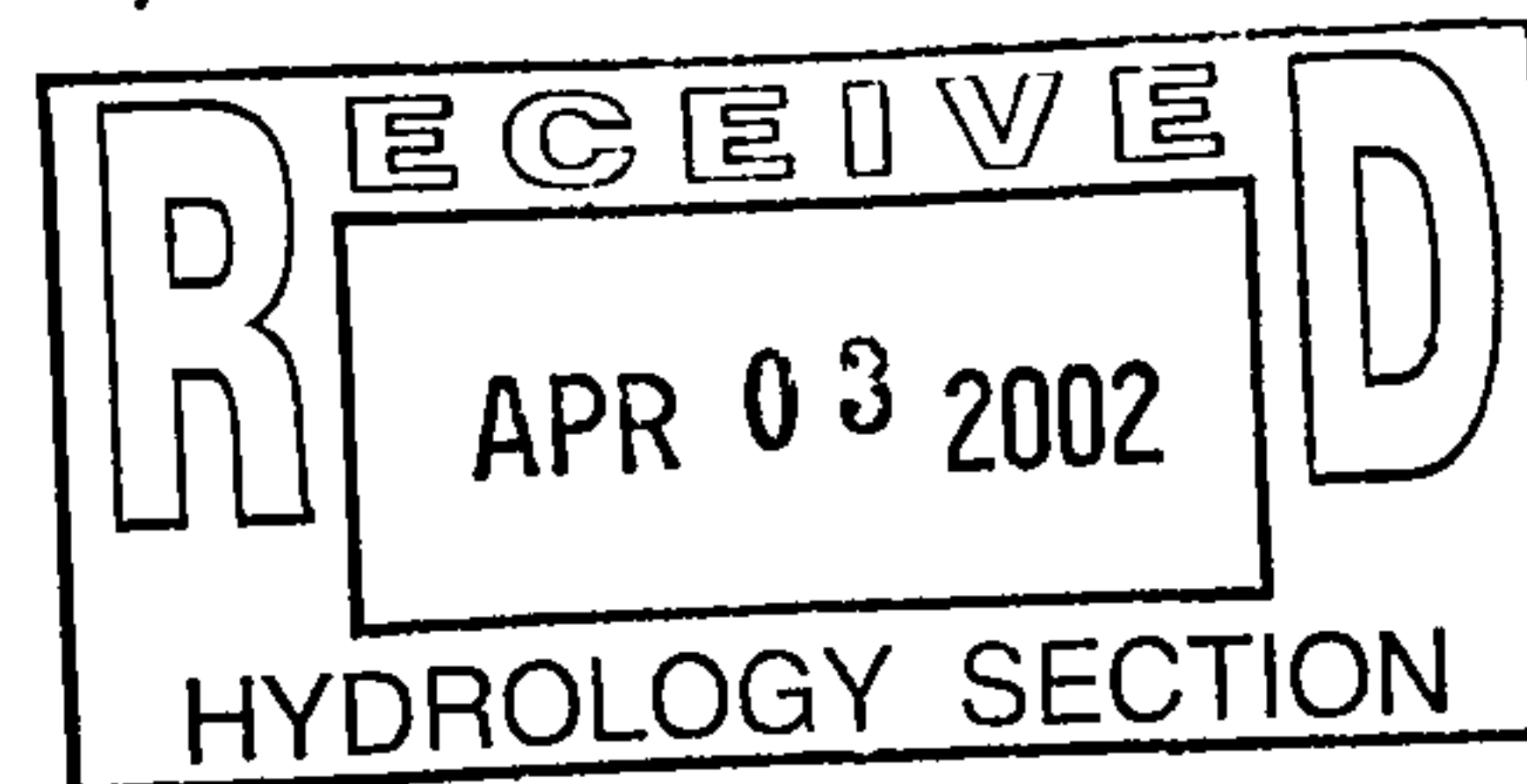
- ☒ DRAINAGE REPORT LETTER AMENDMENT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN RESUBMITTAL
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☒ 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 (PERM.)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED



DATE SUBMITTED: 28 MAR 02 BY: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5)
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or

Resource Technology, Inc.

5501 Jefferson Blvd. NE, Ste. 200 Albuquerque, NM 87109
Telephone: (505) 243-7300
FAX: (505) 243-7400
E-Mail: rti@nm.net

TRANSMITTAL

TO: Mr Bradley Bingham PE FROM: JUNE PAGE PE

DATE: 28 MAR 02

ATTN: _____

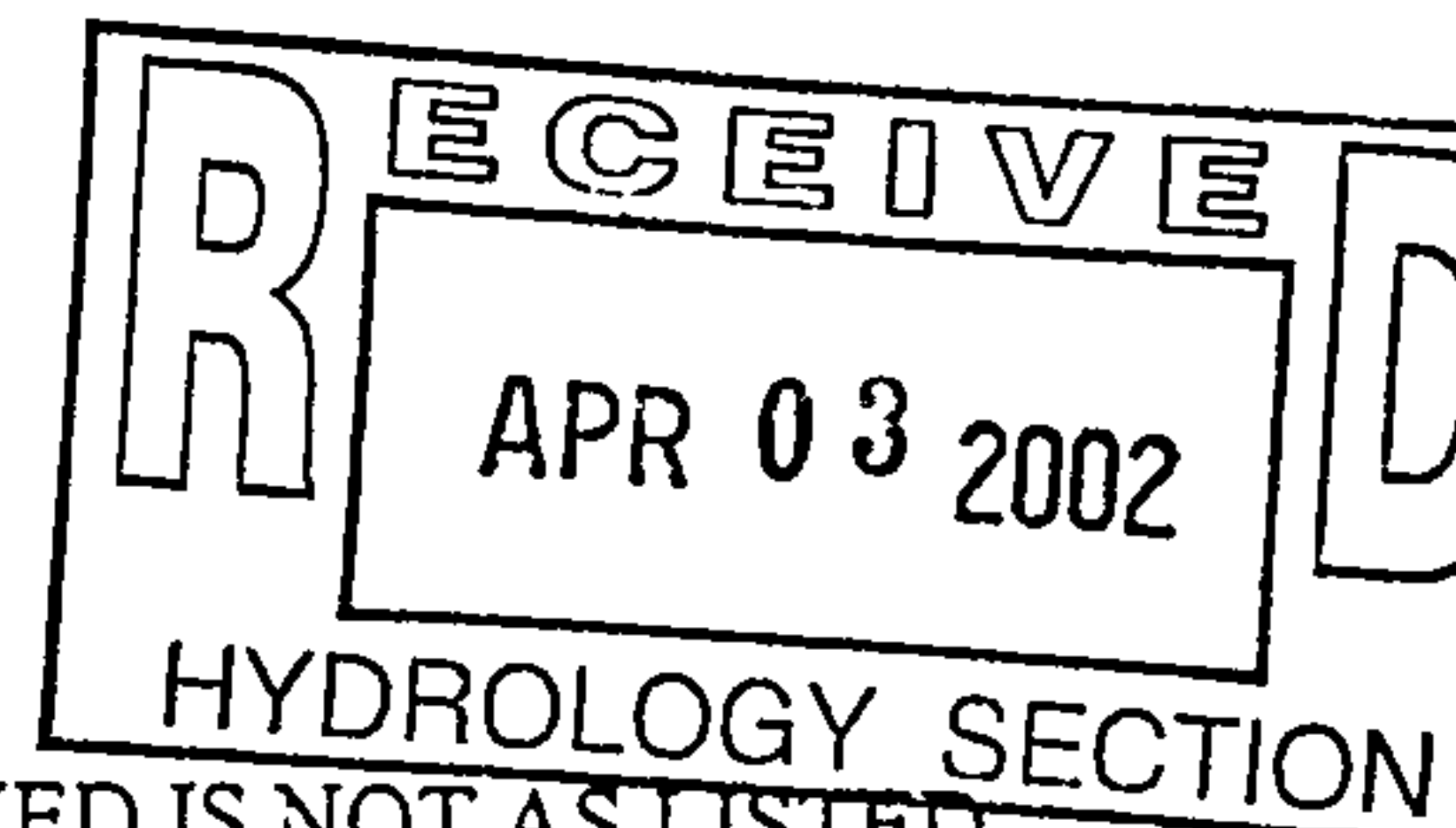
RE: ELDORADO NORTH L9/D27 B OUR PROJECT NO.: 01-280

WE TRANSMIT THE FOLLOWING:

- | | | |
|--|---|---|
| <input type="checkbox"/> SHOP DRAWINGS | <input type="checkbox"/> SPECIFICATIONS | <input type="checkbox"/> CHANGE ORDER |
| <input type="checkbox"/> PRINTS | <input type="checkbox"/> COPY OF LETTER | <input type="checkbox"/> UNDER SEPARATE COVER VIA _____ |
| | <input type="checkbox"/> DOCUMENTS | <input type="checkbox"/> _____ |

FOR YOUR:

- | | |
|---|--|
| <input type="checkbox"/> APPROVAL | <input type="checkbox"/> DISTRIBUTION TO PARTIES |
| <input type="checkbox"/> REVIEW & COMMENT | <input type="checkbox"/> RECORD |
| <input type="checkbox"/> USE | <input type="checkbox"/> INFORMATION |



IF MATERIAL RECEIVED IS NOT AS LISTED,
PLEASE NOTIFY US AT ONCE.

COPIES	DATE	ITEM DESCRIPTION
1	27 MAR '02	ELDORADO NORTH GRADING & DRAIN.
1	Mar 7 '02	Letter from BRADLEY BINGHAM
1	Mar 25 '02	Letter to ammend ELD. N. Drainage
1	28 MAR	DRAINAGE INFO SHEET REPORT

REMARKS: Dear Brad, We have made the revisions
you requested in your March 7th letter. Here is a
letter revision to the drainage report to
include that 1st inlet. All of the work is to go to
COPY TO: the east according to the S.A.D.

Thanks! - June
Civil Engineering - Environmental Sciences - Water Resources - Landscape Architecture - Planning

CC FRANK WILSON

March 25, 2002



5501 Jefferson Blvd. NE, Ste. 200 Albuquerque, NM 87109

Telephone: (505) 243-7300

FAX: (505) 243-7400

E-Mail: rti@nm.net

Mr. Bradley L. Bingham, P.E.
Sr. Design Engineer, PWD
Development and Building Services
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

**RE: Eldorado North Subdivision Drainage Report - Amendment
Engineer's Stamp 2-11-02, (L9/D27B)**

Dear Mr. Bingham:

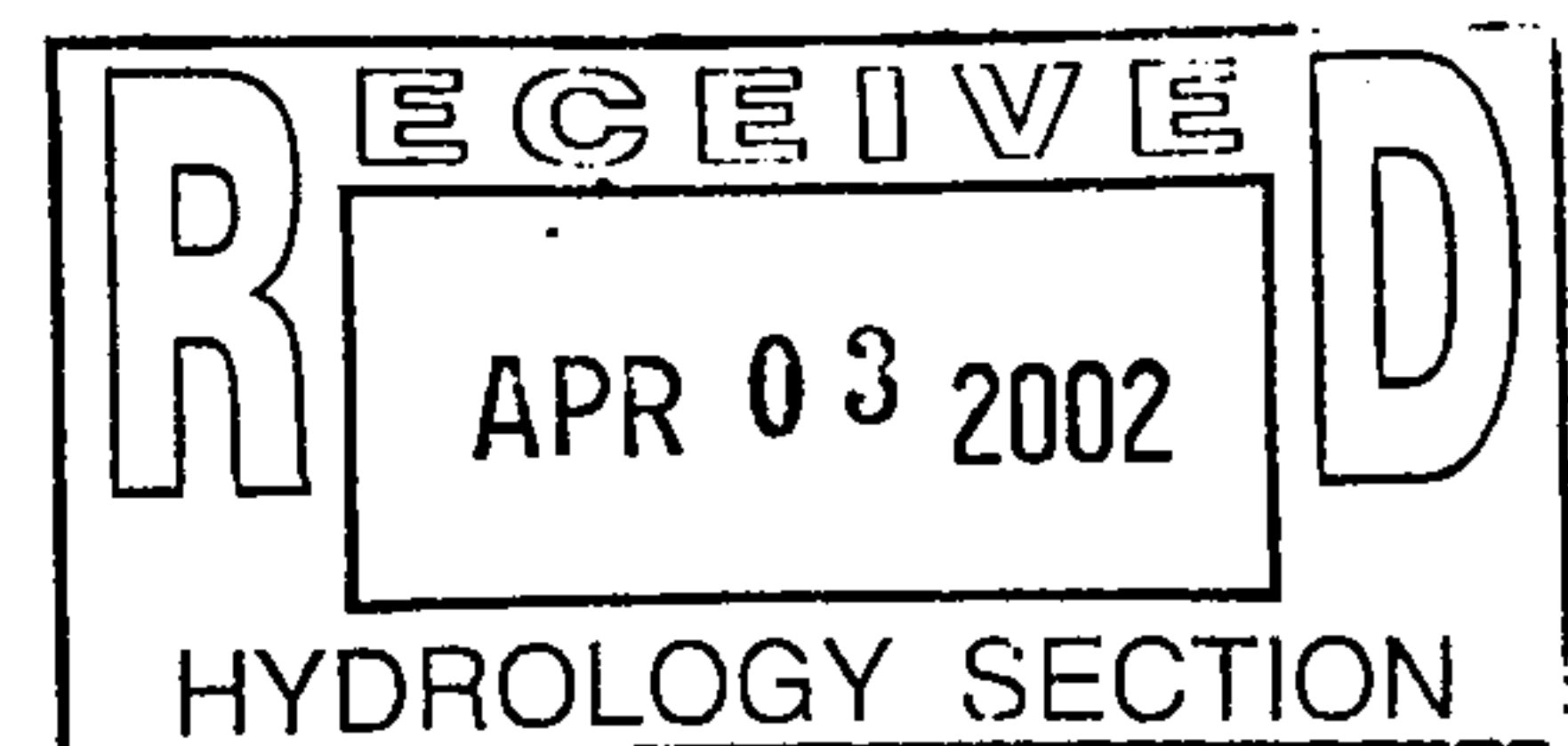
The Eldorado North Drainage Report needs to be amended as follows:

Runoff from the south side of Eucariz Avenue SW, will be collected by a drop inlet located on the south side of Eucariz Ave just west of Monicatt Street. The 100-year peak discharge for this area totals 1.9 cfs, which increases the total 100-year peak discharge from Eldorado North to 37.7 cfs, and the total volume required for the temporary detention pond to 1.1 acre-ft.

Sincerely,

RESOURCE TECHNOLOGY, INC.

June Page, P.E., C.F.M.
Senior Civil Engineer
JP:tew





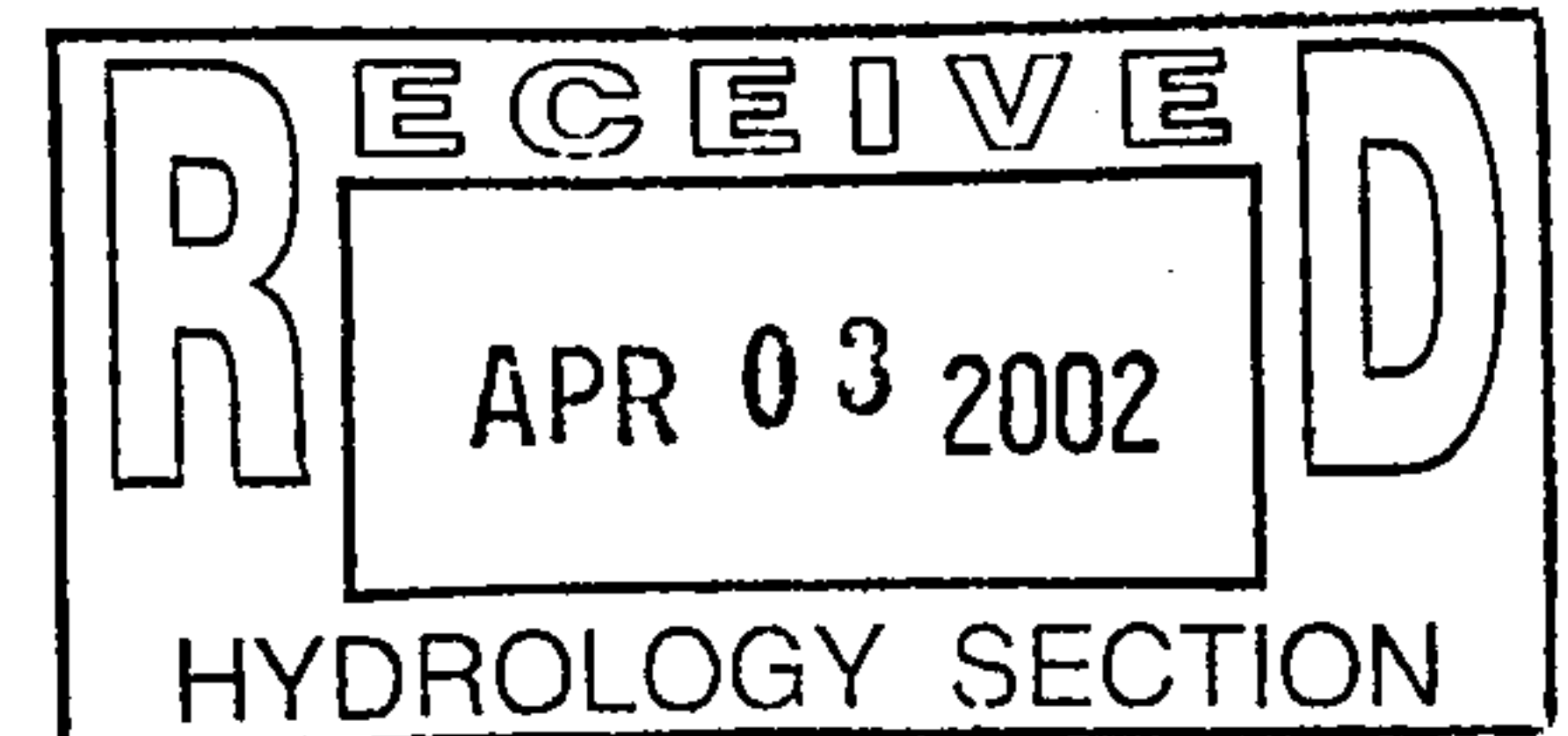
City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 7, 2002

June Page, PE
Resource Technology, Inc.
1720-B Randolph SE
Albuquerque, NM 87106

Re: Eldorado North Subdivisions Drainage Report
Engineer's Stamp 2-11-02, (L9/D27B)



Dear Ms. Page,

Based on your information contained in your submittal dated 10-16-01, the above referenced report cannot be approved for Preliminary Plat until the following comments are addressed.

- I would prefer to see a masonry "drainage diversion" wall along the northern property lines of this project. Please remove the swale indicator and show a wall here.
- The park will need to be graded as part of this project. Per park design criteria, maximum slopes should be 4:1 at boundaries. Maximize usable area and grade it at no more than a 5% slope. Accessibility should be addressed near adjoining sidewalks. The park's drainage should be analyzed as part of this plan, as well as the west half of 90th. Is there an existing road in 90th? What is the elevation at the intersection of Eucariz and 90th?
- I will need more spot elevations along backyards and show.
- This plan should show the pond to be constructed. Please add volume, water surface elevation and show how the water in Eucariz will get to this pond.

If you have any questions about my comments, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, PWD
Development and Building Services

C: file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 7, 2002

June Page, PE
Resource Technology, Inc.
1720-B Randolph SE
Albuquerque, NM 87106

Re: Eldorado North Subdivisions Drainage Report
Engineer's Stamp 2-11-02, (L9/D27B)

Dear Ms. Page,

Based on your information contained in your submittal dated 10-16-01, the above referenced report cannot be approved for Preliminary Plat until the following comments are addressed.

- I would prefer to see a masonry "drainage diversion" wall along the northern property lines of this project. Please remove the swale indicator and show a wall here.
- The park will need to be graded as part of this project. Per park design criteria, maximum slopes should be 4:1 at boundaries. Maximize usable area and grade it at no more than a 5% slope. Accessibility should be addressed near adjoining sidewalks. The park's drainage should be analyzed as part of this plan, as well as the west half of 90th. Is there an existing road in 90th? What is the elevation at the intersection of Eucariz and 90th?
- I will need more spot elevations along backyards and show
- This plan should show the pond to be constructed. Please add volume, water surface elevation and show how the water in Eucariz will get to this pond.

If you have any questions about my comments, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE

Sr. Engineer, PWD

Development and Building Services

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

L-9/D27BPROJECT TITLE: ELDORADO NORTHZONE MAP/DRG. FILE #: L-9-Z

DRB #: _____ EPC#: _____

WORK ORDER#: _____

LEGAL DESCRIPTION:

CITY ADDRESS: NORTH SIDE OF EUCARIZ BETWEEN 94TH & 90THENGINEERING FIRM: RESOURCE TECHNOLOGY INCADDRESS: 5501 JEFFERSON N.E. SUITE 200CITY, STATE: ALBUQUERQUE, N.M.CONTACT: JUNE PAGEPHONE: 243 7300ZIP CODE: 87109OWNER: FRANK WILSON TRUST F.E.D. SUART, INC.ADDRESS: 333 LOMAS N.E.CITY, STATE: ALBUQUERQUE, NM. 87102CONTACT: FRANK WILSONPHONE: 998 0305ZIP CODE: 87102

ARCHITECT: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

SURVEYOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CONTRACTOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ ENGINEERS CERTIFICATION (TCL)
☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
☒ 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 (PERM.)
☐ CERTIFICATE OF OCCUPANCY (TEMP.)
☒ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY)

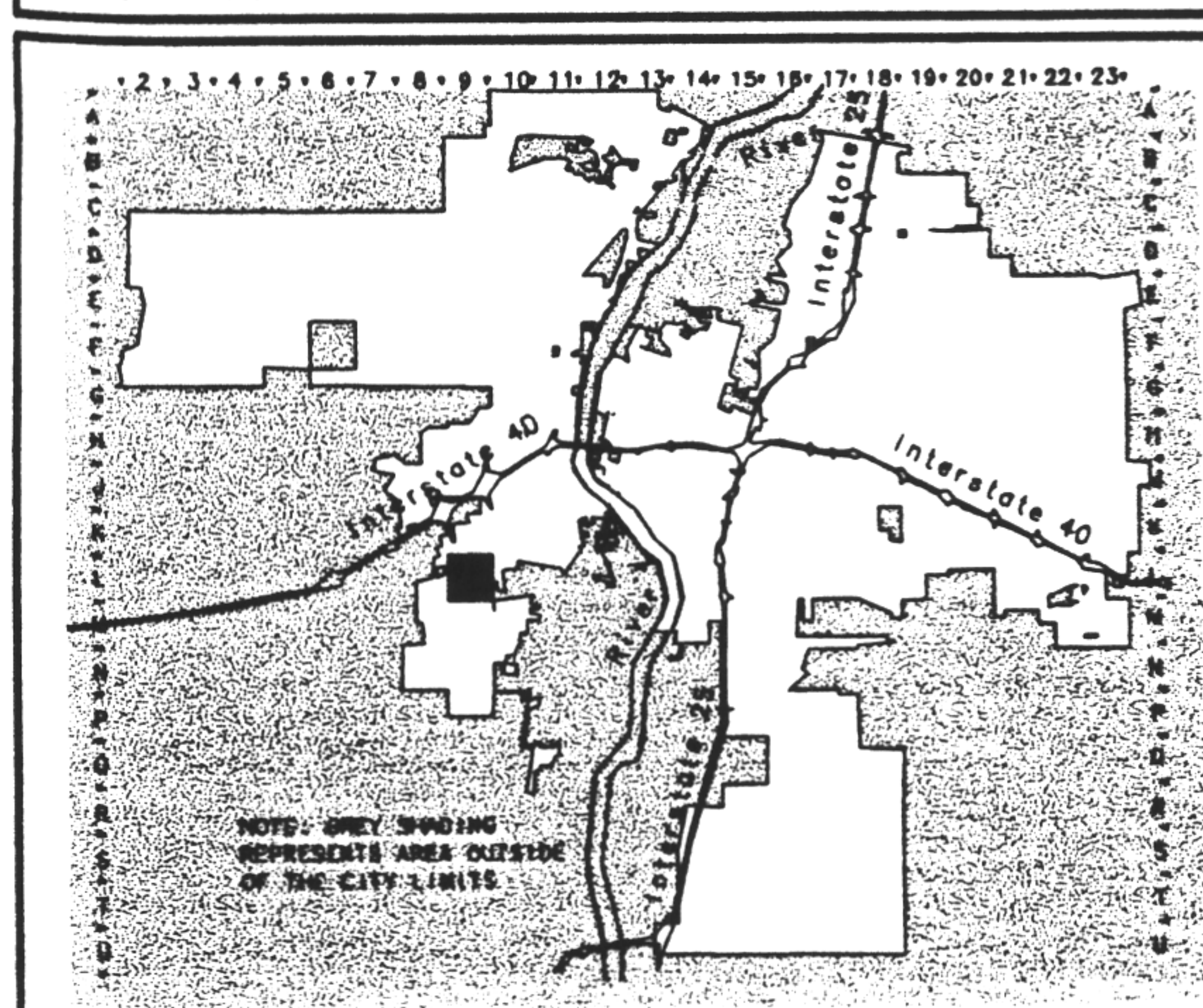
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
☐ NO
☐ COPY PROVIDED

DATE SUBMITTED: 13 FEB 2002 BY: June Page PE

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5)
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or

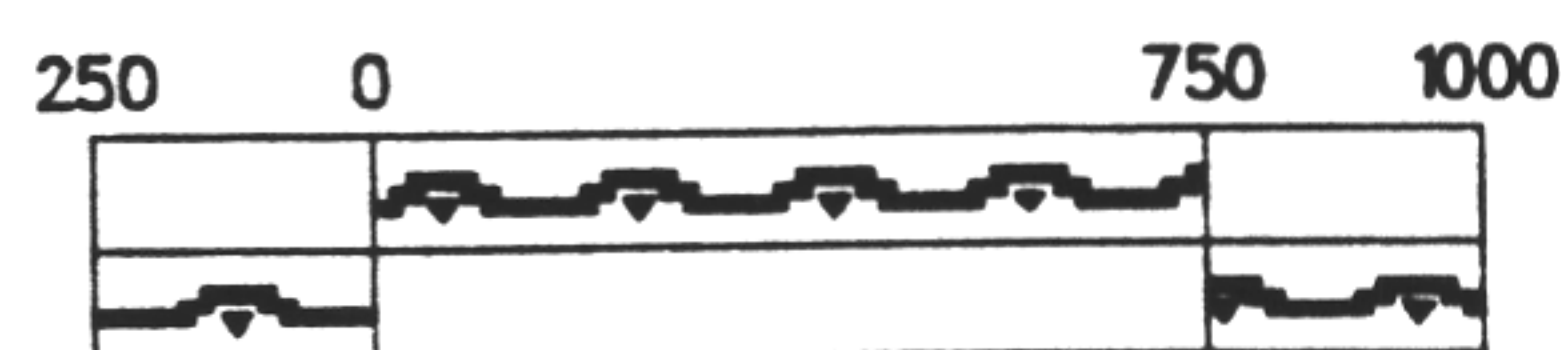


CITY OF
Albuquerque

Albuquerque Geographic Information System
PLANNING DEPARTMENT

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GRAPHIC SCALE IN FEET



Zone Atlas Page

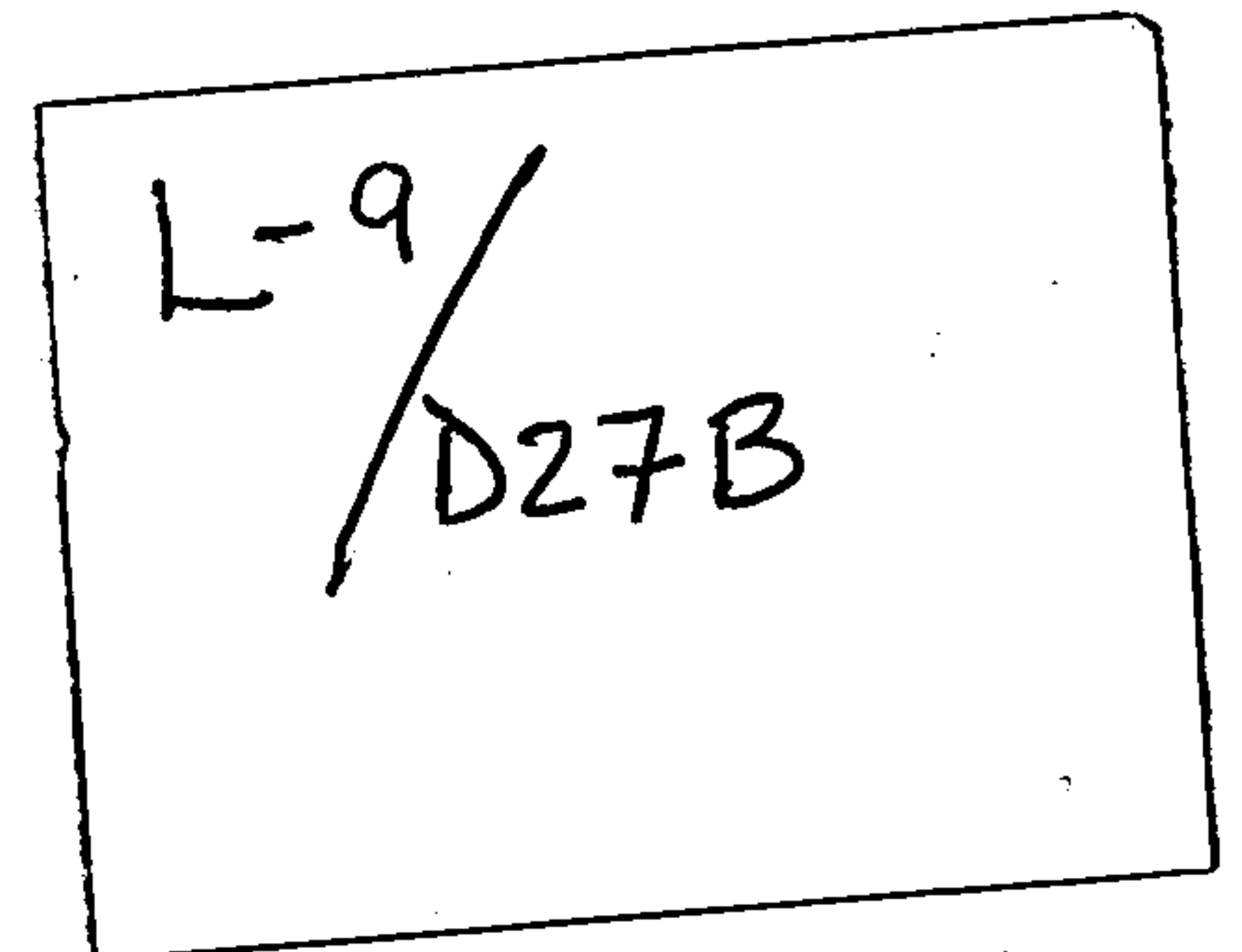
L-9-Z

Map Amended through July 18, 2001

MASTER DRAINAGE PLAN
AND
DRAINAGE REPORT
FOR ELDORADO NORTH SUBDIVISION

Prepared for:

FRANK WILSON TRUST & E.D. STUART, INC.
333 Lomas NE
Albuquerque, NM 87102



Prepared by:



5501 Jefferson Blvd. NE Suite 200, Albuquerque, NM 87109
Telephone (505) 243-7300 * Fax (505) 243-7400
E-mail: rti@nm.net

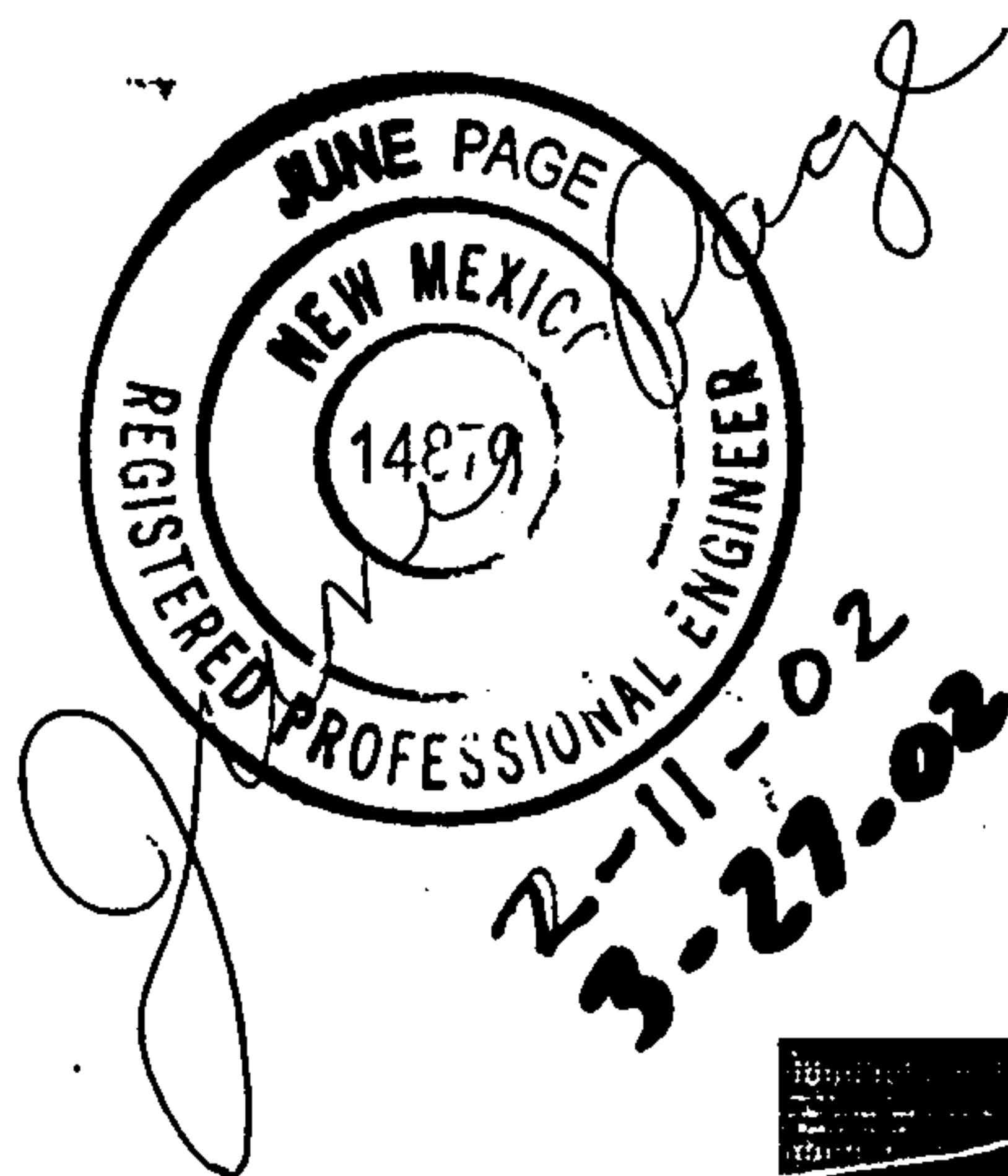
February 11, 2002

L-9/D27B

MASTER DRAINAGE PLAN
AND
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Prepared for:

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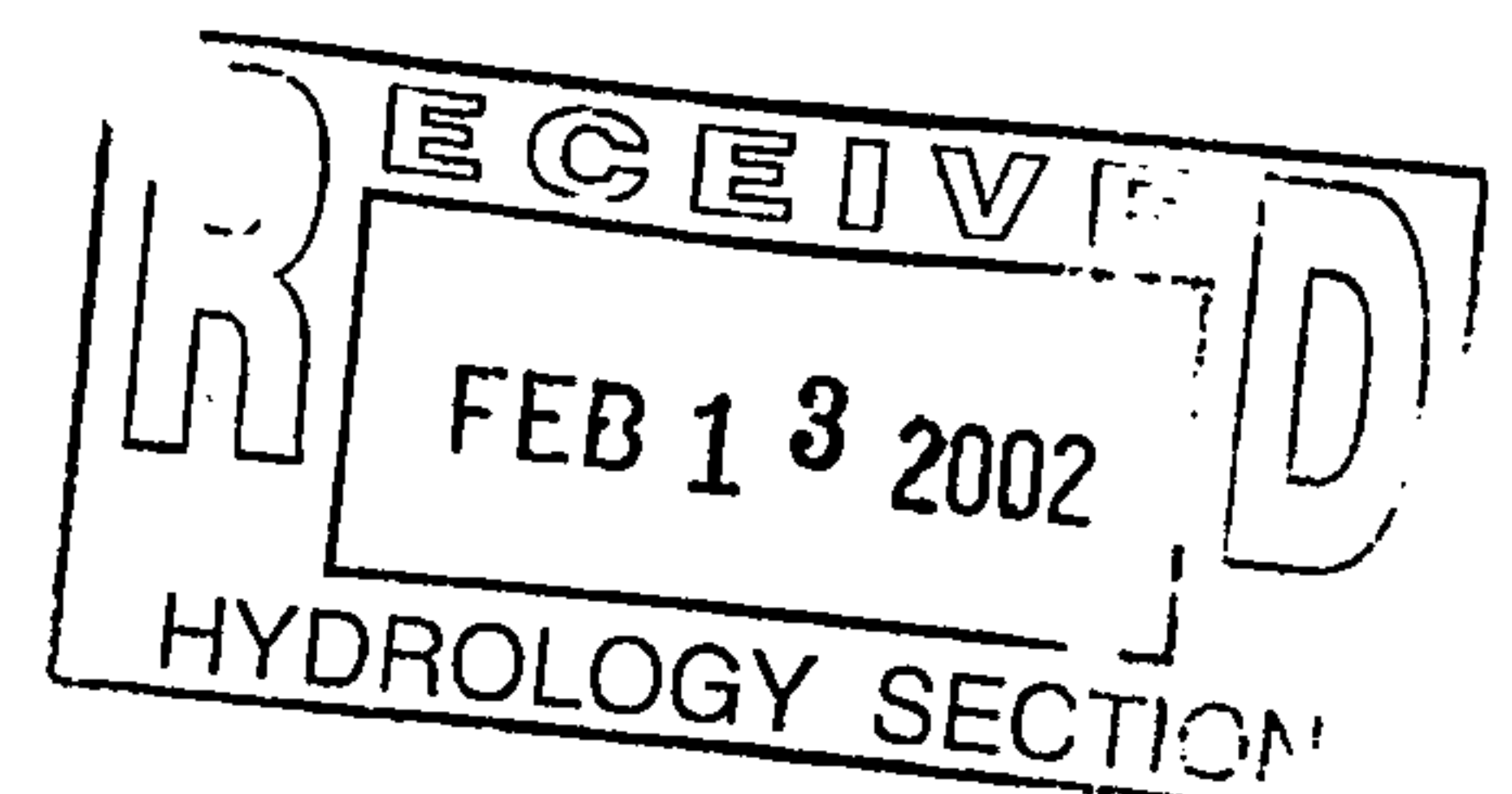


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February 11, 2002





ELDORADO NORTH FROM 94TH STREET AND EUCARIZ AVENUE
LOOKING NORTHEAST

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TABLE A:.....HYDROLOGY ANALYSIS AND COMPARISON

TABLE B:.....STREET FLOWS AND CONNECTOR PIPE CAPACITIES

PLATES

PLATE 1. STREET CAPACITY GRAPH

PLATE 2 GRATING CAPACITIES GRAPHS

APPENDICES (In folders)

Sheet 1:	DRAINAGE MASTER PLAN	1" = 100'
Sheet 2:	GRADING AND DRAINAGE PLAN	1" = 50'

INTRODUCTION

This report presents a Drainage Plan for the Eldorado North Subdivision. The purpose of this plan is to: 1) identify and quantify runoff peak discharge and volume under existing and proposed conditions, and 2) present hydraulic analysis and drainage design. This submittal is made in support of the ~~site plan for building permit~~ for DRB action.

Preliminary Plat

ELDORADO NORTH SUBDIVISION DESCRIPTION

The proposed 8 acre development site is the Eldorado North Unit of the Eldorado Park Subdivision located approximately one mile southwest of Central Avenue and Unser Boulevard. The subdivision is located on the north side of Eucariz Avenue S.W. and on the east side of 94th Street S. W. A proposed city park is on the east between the subdivision and 90th Street. The current legal description is Tracts numbered Forty-four (44) and Forty-five (45), Unit Two (2) of the plat showing a Portion of Tracts Allotted from Town of Atrisco Grant, as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on December 5, 1944. Eucariz Avenue S.W. and 94th Street S.W. are classified as collector streets. There are three interior streets that end in cul-de-sacs.

Lands bounding the north side are occupied with residences and storage yards with little improvement beyond the clearing of desert shrubs and weeds. No development plans are known for these tracts. Land bounding the west side is undeveloped range with desert shrubs and weeds with a single-family residential subdivision currently being planned. The south side of Eucariz Avenue is a unit of Eldorado Park with similar development currently being planned.

The site is within the Albuquerque City Limits and the county of Bernalillo, New Mexico. The area is shown as a portion of the Town of Atrisco Grant Unit 2 on City Of Albuquerque Zone Atlas Map L-9. This is part of Section 28, Township 10 N, Range 2 E.

BACKGROUND DOCUMENTS

The following document(s) were reviewed and associated research activities conducted as part of the evaluation of requirements and downstream conditions for this project:

Special Assessment District 222, Storm drainage plans at 86th Street and Eucariz Avenue SW, dated Dec 12, 2000. The Special Assessment District 222 improvements will provide stormwater removal from the study area. Fully developed conditions have been generally estimated based on zoning.

As-built utility drawings for 90th Street along Valhalla Estates' west side and at the intersection of 94th Street and Eucariz Avenue.

Orthophotos and topography, dated 1999 provided by Bernalillo County, New Mexico.

The City of Albuquerque Design Process Manual, Volume 2, 1997.

Utility availability maps showing storm drainage pipes viewed on the Albuquerque City Web Site.

EXISTING CONDITIONS

Based on site visits and an orthophoto DACA63-97-D-0030, dated 1999, provided by Bernalillo County, New Mexico most of the site is undeveloped and undisturbed consisting of local natural vegetation. Existing conditions are illustrated on the grading plan. Runoff generated by this site flows from west to east to 90th Street. From this point, runoff continues east across undeveloped lands to 86th Street.

DEVELOPMENT PLAN

The site is currently undeveloped with a cover of native shrubs and grass, with dumped refuse located over portions of the site. Proposed development includes the construction of three paved cul-de-sacs running north from Eucariz Avenue on the south. Single family residences on lots sized at approximately six per acre are planned.

The proposed full development comprises an interior development of 48 single family residential lots, as shown on Sheet 1. The southeast 2 lots will be used for a temporary storm water retention pond receiving runoff from Eldorado North Subdivision. The volume to be retained is the total volume of the 100-year 10-day storm.

NB ~~It is assumed that the park on the east side of the project will contain its own runoff from the 100-year rainfall event.~~

DRAINAGE CONCEPT FOR THE SITE

Runoff in the area of this development flows naturally from the west to the east. Areas upstream to the west and northwest of the site are intercepted by the existing and proposed storm drainage projects in 94th Street.

Sheet 2 shows the grading plan for Eldorado North Subdivision. Runoff from the site will follow the proposed streets to the south and then to the east along Eucariz Avenue where drop inlets will pick up the runoff and connect to a storm drain flowing east. This main will ultimately carry it off site to the SAD 222 storm drain at 86th Street S.W. A temporary retention pond will be the outfall for the Eucariz drain pipe until the connection with the SAD 222 pipe is constructed.

Standard curb and gutter or rolled curb will be used throughout the development, with transitions where necessary from rolled curb to standard curb and gutter at the south end of each cul-de-sac as flow rates require. No other surface runoff is expected from this development.

SAD 222 is expected to complete Eucariz Avenue's storm water connection to the storm main planned for 86th Street after or concurrently with construction of Eldorado North Subdivision.

OFFSITE FLOWS HANDLING AND DISCHARGE

The Eldorado North Subdivision accepts very little water from offsite. Street runoff from the intersection of Eucariz Avenue and 94th Street will flow easterly by way of gutters in Eucariz Avenue. Due to the fill required to drain these lots to Eucariz, off-site drainage from adjacent lands to the north will flow to 90th Street and not onto this project. The area to the north currently drains to 90th Street. ?

ONSITE FLOWS HANDLING AND DISCHARGE

Not final
Eucariz Avenue SW is classified as a collector street and the interior streets of the subdivision are local streets. According to the City of Albuquerque Design Process Manual 22, E, 2: "b. Flow depths in the event of the 100-year design discharge may not exceed 0.2 feet above curb height or 0.87 feet at any location. c. Flow depth in the event of the 10-year design discharge may not exceed 0.5 feet in any collector or arterial street."

0.67 Velocity head = 0.2 max

Plate 1 is a reproduction of the street capacity curves from the City of Albuquerque Design Process Manual. All of the flow from Eldorado North will be picked up by inlets on the north side of Eucariz Avenue. The point of concentration is at the southeastern corner of Eldorado North.

The inlets will be connected to a 24-inch storm drain via 18-inch connector pipes. The alignment of the main is east along Eucariz Avenue. Ultimately the pipe will be connected to a proposed 36-inch storm drain at 86th Street provided for within SAD 222. Temporarily a 1.62 ac.-ft. retention pond in the two lots at the southeast corner of the Eldorado North Subdivision will hold the runoff until the Eucariz storm drain pipe is complete. Sheet 2 provides a schematic of the storm drain layout.

Table A provides hydrologic data for the drainage area within the development for existing and full development conditions. Street flows are presented in Table B with the size of collector and feeder pipes between the drop inlets and the storm drain along Eucariz Avenue. A 24"-inch diameter RCP only storm drain along Eucariz Avenue from Street "A" to 90th Street is selected based on $Q_{100} = 29$ cfs, $S = 1.5\%$, and Manning roughness coefficient of 0.013.

IMPACTS AND REQUIREMENTS

Runoff from the undeveloped site is 10.3 cfs for the 100-year event. The land treatment will be changed from mostly uncompacted ground to mostly impervious. A total of 29.3 cfs will flow off the site from the developed project. SAD 222 structures have been designed to accept flow from the fully developed subdivision.

No FEMA Flood Zone A areas are mapped on the site on the existing FEMA Map No. 35001C0328D, panel 328 of 825, dated September 20, 1996.

GRADING AND DRAINAGE PLAN

The Grading and Drainage Plan on Sheet 2 shows:

- 1) existing grades indicated by spot elevations and topographic contours at one foot intervals
- 2) proposed grades indicated by spot elevations and approximate street slopes
- 3) continuity between existing and proposed grades.

CALCULATIONS

The calculations contained herein analyze both the existing and developed conditions for the 100-year, 6-hour rainfall. The procedure for 40-Acre and Smaller Basins, as set forth in the revision of Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated 1997, has been used to quantify the peak rate of discharge and volume of runoff generated.

Table A provides hydrologic data for the drainage area for existing and full development conditions. Tables A1-A7 illustrate hydrology calculation for each drainage basin. Street flows computed in Table B are used to determine the size of collector and feeder pipes between the drop inlets and the storm drain trunk along Eucariz Avenue. The magnitudes of individual street flows are shown in Table B. Table C lists the pipe lengths, computed flows, and computed pipe sizes. For flow rates in pipe along Eucariz, $S = 1.5\%$, and Manning roughness coefficient of 0.013. The hydraulic design calculations for the site are presented on Table B.

CONCLUSIONS

The analyses contained herein support the following conclusion

1. Storm drainage system on site will convey runoff expected by the 100-year, 6-hour rainfall event in the proposed condition. Plans are adequate to carry site flows to planned SAD 222 Facilities.
2. The Eldorado North Subdivision accepts very little water from offsite.
3. The downstream streets and storm drainage systems will be owned, operated and maintained by the city Public Works Department.

TABLE A

EXISTING CONDITION HYDROLOGY --- ELDORADO NORTH

Basin	Area (ac)	Land Treatment				Qpeak (cfs)		Volume (ac-ft)		
		%A	%B	%C	%D	10-yr	100-yr	10-yr	100-yr	100-yr
						6-hr		6-hr		10-day
A	1.41	100	0	0	0	0.3	1.8	0.009	0.052	0.052
B	1.33	100	0	0	0	0.3	1.7	0.009	0.049	0.049
C	1.34	100	0	0	0	0.3	1.7	0.009	0.049	0.049
D	1.35	100	0	0	0	0.3	1.7	0.009	0.049	0.049
E	1.37	100	0	0	0	0.3	1.8	0.009	0.050	0.050
F	1.33	100	0	0	0	0.3	1.7	0.009	0.049	0.049
TOTAL	8.12					1.95	10.47	0.05	0.30	0.30

PARK	2.70	100	0	0	0	0.6	3.5	0.018	0.099	0.099
------	------	-----	---	---	---	-----	-----	-------	-------	-------

FUTURE CONDITION HYDROLOGY --- ELDORADO NORTH --- FULL DEVELOPMENT

Basin	Area (ac)	Land Treatment				Qpeak (cfs)		Volume (ac-ft)		
		%A	%B	%C	%D	10-yr	100-yr	10-yr	100-yr	100-yr
						6-hr		6-hr		10-day
A	1.41	0	20	20	60	3.1	5.1	0.103	0.178	0.282
B	1.33	0	20	20	60	2.9	4.8	0.097	0.168	0.266
C	1.34	0	20	20	60	2.9	4.8	0.097	0.168	0.267
D	1.35	0	20	20	60	2.9	4.8	0.098	0.170	0.269
E	1.37	0	20	20	60	3.0	4.9	0.100	0.172	0.273
F	1.33	0	20	20	60	2.9	4.8	0.097	0.168	0.266
TOTAL	8.12					17.73	29.25	0.59	1.02	1.62

PARK	2.70	0	75	18	7	2.8	6.3	0.074	0.184	0.207
------	------	---	----	----	---	-----	-----	-------	-------	-------

TABLE A 1

PROJECT: Eldorado North
 BASIN : Basin A
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input

zone (x)

1	X
2	
3	
4	

Area
(acres)

1.4102

Land
Treatment

%

A	0.00
B	20.00
C	20.00
D	60.00

100.00

Output

(ac-ft)

Volume

2-YR

6-hr

24-hr

4-day

10-day

0.054
0.086
0.086
0.093

10-YR

6-hr

24-hr

4-day

10-day

0.103
0.135
0.135
0.142

100-YR

6-hr

24-hr

4-day

10-day

0.178
0.210
0.243
0.282

Q-Peak

2-YR

10-YR

100-YR

(cfs)

1.571
3.080
5.080

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 61,430 1.410239

TABLE A 2

PROJECT: Eldorado North
 BASIN : Basin B
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input			
zone (x)	Area (acres)	Land Treatment	%
1 x	1.3322	A	0.00
2		B	20.00
3		C	20.00
4		D	60.00
			100.00

Output				(ac-ft)		(cfs)	
Volume	2-YR	6-hr				Q-Peak	2-YR
		24-hr		0.051			1.484
		4-day		0.081			2.910
		10-day		0.081			4.799
				0.087			
	10-YR	6-hr		0.097			
		24-hr		0.128			
		4-day		0.128			
		10-day		0.134			
	100-YR	6-hr		0.168			
		24-hr		0.199			
		4-day		0.229			
		10-day		0.266			

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 58,030 1.332185

TABLE A 3

PROJECT: Eldorado North
 BASIN : Basin C
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input

zone (x)	Area (acres)	Land Treatment	%
1	1.3352	A	0.00
2		B	20.00
3		C	20.00
4		D	60.00
			100.00

Output

		(ac-ft)			(cfs)
Volume	2-YR	6-hr	Q-Peak	2-YR	1.487
		24-hr		10-YR	2.916
		4-day		100-YR	4.809
		10-day			
	10-YR	6-hr			
		24-hr			
		4-day			
		10-day			
	100-YR	6-hr			
		24-hr			
		4-day			
		10-day			

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 58,161 1.335193

TABLE A 4

PROJECT: Eldorado North
 BASIN : Basin D
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input				Area		Land			
zone (x)				(acres)		Treatment		%	
1				1.3467		A		0.00	
2						B		20.00	
3						C		20.00	
4						D		60.00	
								100.00	
Output				(ac-ft)				(cfs)	
Volume	2-YR	6-hr	0.051		Q-Peak	2-YR	1.500		
		24-hr	0.082			10-YR	2.941		
		4-day	0.082			100-YR	4.851		
		10-day	0.088						
	10-YR	6-hr	0.098						
		24-hr	0.129						
		4-day	0.129						
		10-day	0.135						
	100-YR	6-hr	0.170						
		24-hr	0.201						
		4-day	0.232						
		10-day	0.269						

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 58,661 1.346671

TABLE A 5

PROJECT: Eldorado North
 BASIN : Basin E
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input

zone (x)

1	X
2	
3	
4	

Area
(acres)

1.3671

Land
Treatment

A
B
C
D

%

0.00
20.00
20.00
60.00
100.00

Output

(ac-ft)

Volume

2-YR

6-hr

0.052

24-hr

0.084

4-day

0.084

10-day

0.090

10-YR

6-hr

0.100

24-hr

0.131

4-day

0.131

10-day

0.137

100-YR

6-hr

0.172

24-hr

0.204

4-day

0.235

10-day

0.273

Q-Peak

2-YR

(cfs)

1.523

10-YR

2.986

100-YR

4.924

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 59,550 1.36708

TABLE A 6

PROJECT: Eldorado North
BASIN : Basin F
CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input				Area	Land				
zone (x)				(acres)	Treatment		%		
1				1.3317	A	0.00			
2					B	20.00			
3					C	20.00			
4					D	60.00			
							100.00		
Output				(ac-ft)			(cfs)		
Volume	2-YR	6-hr		0.051	Q-Peak	2-YR		1.484	
		24-hr		0.081		10-YR		2.908	
		4-day		0.081		100-YR		4.797	
		10-day		0.087					
	10-YR	6-hr		0.097					
		24-hr		0.128					
		4-day		0.128					
		10-day		0.134					
	100-YR	6-hr		0.168					
		24-hr		0.199					
		4-day		0.229					
		10-day		0.266					

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 58,011 1.331749

TABLE A 7

PROJECT: Eldorado North
 BASIN : Basin PARK
 CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input

zone (x)

1	x
2	
3	
4	

Area
(acres)

2.6960

Land
Treatment

A
B
C
D

%

0.00
75.00
18.00
7.00
100.00

Output

Volume

2-YR

6-hr

24-hr

4-day

10-day

10-YR

6-hr

24-hr

4-day

10-day

100-YR

6-hr

24-hr

4-day

10-day

(ac-ft)

0.018

0.025

0.025

0.027

0.074

0.082

0.082

0.083

0.184

0.191

0.198

0.207

Q-Peak

2-YR

10-YR

100-YR

(cfs)

0.608

2.805

6.322

* City of Albuquerque Development Process Manual, Volume 1, 1997 Revision, pages 22-7 to 22-16.

Square Ft Acres
 117,438 2.696006

TABLE A 8

PROJECT: Eldorado North
BASIN : ALL BASINS w/o PARK
CONDITION: Developed-Residential

Part A -- Procedure for 40 Acre and Smaller Basins*

Input									
		zone (x)		Area (acres)		Land Treatment		%	
Volume	2-YR	6-hr	0.000	10-YR	0.054	100-YR	0.298	Q-Peak	2-YR
		24-hr	0.000						10-YR
		4-day	0.000						100-YR
		10-day	0.000						
Output									

TABLE B
CONNECTOR PIPE CAPACITIES

Street	Segment	Discharge (cfs)	Length (ft)	Diameter (in)
Eurcariz Ave	C St-90th St	29.3	330	24

	Street Slope (%)	Half Street Capacity ⁽¹⁾ (cfs)
32 Ft. Wide Street	0.7	20
	3.3	45
	5.0	54

	Pipe Slope (%)	Pipe Flow (cfs)
18 Inch Storm Drain	0.7	8.7
	3.3	19.0
	5.0	23.5

24 Inch Storm Drain	0.7	18.9
	3.3	41.0
	5.0	50.5

36 Inch Storm Drain	5	149.0
---------------------	---	-------

- (1) Based on DPM Plate 22.3 D-1 for 32 ft. street; d=0.6 ft. (0.67 ft. available)
(2) From Plate 22.3 D-1 for 32 ft. street

2.6% ~

PLATES

Plate 1. Street Capacity Graph from the DPM, City of Albuquerque Plate 22.3 D-1
Plates 2 & 3. Grating Capacities for Type A, C, and D from DPM Plates 22.3 D-5 & 6

APPENDIXES
(In folders)

Appendix 1

Sheet 1 Master Drainage Plan 1"=100'
Sheet 2 Construction Grading & Drainage Plan 1"=50'

DEVELOPMENT & BUILDING SERVICE CENTER

ONE STOP SHOP

600 SECOND ST. N.W.

ATTENTION: Hydrology

505-924-3900

Records Withdrawal Form

Project No. M-10/D14

Date: 7/6/06

Project Title: Vista Manzano

a. File b. Mylars c. Redlines/Comments
④ Other Hydrology Report

Requested by: RUDY ARMISO Bohannon-Horton Phone No.: 235-4259
Name and Company

Comments:

Copy of report & full size copy of drainage and grading plan

Anticipated Return Date: _____

I hereby accept full responsibility for the security of the above noted records/plans until return receipt acknowledgement is completed. Records/plans will be returned to the Development and Building Services Center on or before the indicated anticipated return date.

Delivery Picked Up By:

Name: FRANK LUCERO
Print

Organization: Alb. Reprographics

Signed: Frank Lucero

Date: 7-7-06

.....
Office Use Only

Return Acknowledged:

Received By: _____
Print

Date: _____

CITY OF ALBUQUERQUE

PERMIT FOR EXCAVATION, CONSTRUCTION AND BARRICADING

COA 5 DM
M. J. [Signature]
1/16/03

**CONTRACTOR
LICENSE
ADDRESS**

NEW CONCEPTS, INC.
GF09
P.O. BOX 9555
ALBUQUERQUE, NM 87119-9555

**PERMIT NUMBER
PROJECT NUMBER
PERMIT ISSUE DATE
BARRICADED BY**

2076995

01/09/2004

SITE

INTRSC. EUCARIZ AV SW
..... 90TH ST SW

**BLUE STAKE
PAVING BY**

CON

EXCAVATION 443008-5810000

42.00 EX

SIDEWALK 443012-5810000

0.00 SW

DRIVEPAD 443011-5810000

0.00 DP

CURB/GUTTER 443010-5810000

0.00 CG

BARRICADING 443009-5810000

25.00 BR

RESTORATION 443017-5810000

0.00 RS

TOTAL FEE

67.00

PERMIT AND DETOUR PLAN COMMENTS

SO # 19 LETTER ON FILE DATED 12/19/03
EL DORADO SUBD. POND RECLAMATION
GRADIN PLANE. CONTACT MATT KLINE F/
INSPECTION @ 250-2640

START DATE	COMPLETION DATE	PERMIT EXPIRES	INSURANCE EXPIRES	BOND EXPIRES	ZONE ATLAS
01/14/2004	01/30/2004	01/30/2004	07/01/2004	12/31/2004	

[Signature]
APPLICANT

[Signature]
ISSUED BY

VOID UNTIL VALIDATED BY CITY TREASURER

PERMITTEE AGREES TO ASSUME ALL LIABILITY, INCLUDING INDEMNIFYING, DEFENDING AND HOLDING THE CITY HARMLESS FOR ALL DAMAGES OR INJURY TO PERSONS OR PROPERTY RESULTING FROM PERMITTEE'S EXCAVATION AND/OR BARRICADE WORK. THIS PERMIT IS GRANTED IN CONSIDERATION OF PERMITTEE'S ASSUMING SAID LIABILITY AND IS APPROVED FOR THE WORK DESCRIBED ABOVE. IN ACCORDANCE WITH SECTION 6-5-2-1 ET SEQ. R.O. (1994), PERMITTEE AGREES TO COMPLY WITH ALL APPLICABLE CITY RULES, REGULATIONS AND ORDINANCES, AND WHEN EXCAVATING, TO PATCH OR PLATE PRIOR TO OPENING TO TRAFFIC IN ACCORDANCE WITH APPLICABLE RULES, REGULATIONS AND ORDINANCES. PLEASE CALL 924-3400 FOR ADDITIONAL INFORMATION.

CAUTION: PROTECT UNDERGROUND UTILITIES CALL 260-1990, 48 HOURS IN ADVANCE FOR LINE STAKING

PWD 003 REV 04/03



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

*Eddie / New Concepts
Pulled permit on
1/14/04 2076995*

December 19, 2003

Elvideo Deniz, PE
Resource Technology, Inc.
5501 Jefferson Blvd NE Ste 200
Albuquerque, NM 87109

Re: Eldorado North Subdivision Pond Reclamation Grading Plan
Engineer's Stamp 11-24-03, (L9/D27B)

Dear Mr. Deniz,

Based on your information contained in your submittal dated 11-24-03, the above referenced plan is approved for Preliminary Plat action by the DRB. Prior to Final Plat signoff by City Engineer, please provide the following:

- A Engineer's Certification of this grading plan
- City acceptance of the modifications that you are doing to the SD system. Contact Matt Cline, Storm Drain Maintenance, at 250-2640 to schedule inspection.
- City acceptance of the downstream stormdrain system constructed by Work Order 713381.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
Sr. Engineer, Planning Dept
Development and Building Services

*Approved 50#19
B.B.*
C: Matt Cline, CoA
file

Pam Lujan



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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