
INTER

OFFICE

MEMO

To: File
From: Richard Dourte
Subject: Mike Zamora issued perm TCL CO's following projects.
Date: November 4, 2002

Drainage file no.	Description	Date Received	Date Approved
C12/D5A	Quanz Auto Car Care	10-28-02	10-31-02
C13/D12	NM Sports and Wellness	11-01-02	11-01-02
C17/D113	Mechenbier Office/Warehouse	10-29-02	11-04-02
C19/D11D6	Wells Fargo Bank	10-29-02	10-29-02
E12/D2	Texaco Xpress Lube	10-31-02	10-31-02
E12/D14	Riverside Plaza, Tract 6, Bld L-1	10-24-02	10-25-02
E-12/D15A	Bosque School Gymnasium	10-31-02	11-01-02
F13/D14	Shephard of the Valley Pres. Church Renov. & Addn.	10-24-02	10-31-02
F17/D78	Lexus of Albuquerque	10-24-02	10-28-02
F21/D43	Casa Pacifica Condominiums	10-15-02	10-22-02
H11/D66	Sonic Drive In	10-23-02	10-23-02
J19/D39	Garcia Honda Renovation and Addition	10-18-02	10-18-02
K10/D37	Fellowship Missionary Baptist Church	09-25-02	09-25-02
L14/D1C	Roses Southwest Paper	10-23-02	10-28-02
L18/D66	Obee's Soup Salad Subs	10-31-02	10-31-02
M15/D24	Hilton Garden Inn	10-17-02	10-17-02

DRAINAGE INFORMATION SHEET

L-14/DIC

PROJECT TITLE: ROSES SOUTHWEST PAPER ZONE MAP/DRG. FILE #: L-14
 DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: TRACT E-1A, & SOUTH BARELAS INDUSTRIAL PARK, UNIT ONE
 CITY ADDRESS: 1801 2ND ST SW

ENGINEERING FIRM: MARK GOODWIN & ASSOC'S
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

OWNER: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

ARCHITECT: SCHLEGEL LEWIS
 ADDRESS: 1670 CENTRAL SE
 CITY, STATE: ALBUQUERQUE, NM

CONTACT: JAMES LEWIS
 PHONE: 747-1529
 ZIP CODE: 87106

SURVEYOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CONTRACTOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION
- ☐ CLOMR/LOMR
- ☐ OTHER
- ☐ WAS A PRE-DESIGN CONFERENCE ATTENDED?
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

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 APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☒ OTHER (SPECIFY) T.C.L.

DATE SUBMITTED: 10/28/02 BY: [Signature]

RECEIVED
 OCT 28 2002
 HYDROLOGY SECTION

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 (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

D&T
 See Attached Form, Stamped, Signed & Dated By
 "Punner"

10/28/02 - old in GT to Phyllis. - Sent letter (10/28) ? - [Signature]

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

PROJECT TITLE: _____ ZONE MAP/DRG. FILE #: _____
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION:

CITY ADDRESS: 1801 2nd St. SW.

ENGINEERING FIRM: Mark Goodwin & Assoc's.
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

OWNER: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

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:

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- ☐ 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 10-28-02 BY: Kendall Dyle

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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.

Schlegel Lewis Architects

10/21/01

Mr. Mike Zamora
City of Albuquerque
Traffic Division
P.O. Box 1293
Albuquerque, NM 87103

Re: 1701 Second Street, Rose's Southwest Paper
Letter of Architectural Certification submitted for final Certificate of Occupancy

Dear Mr. Zamora,

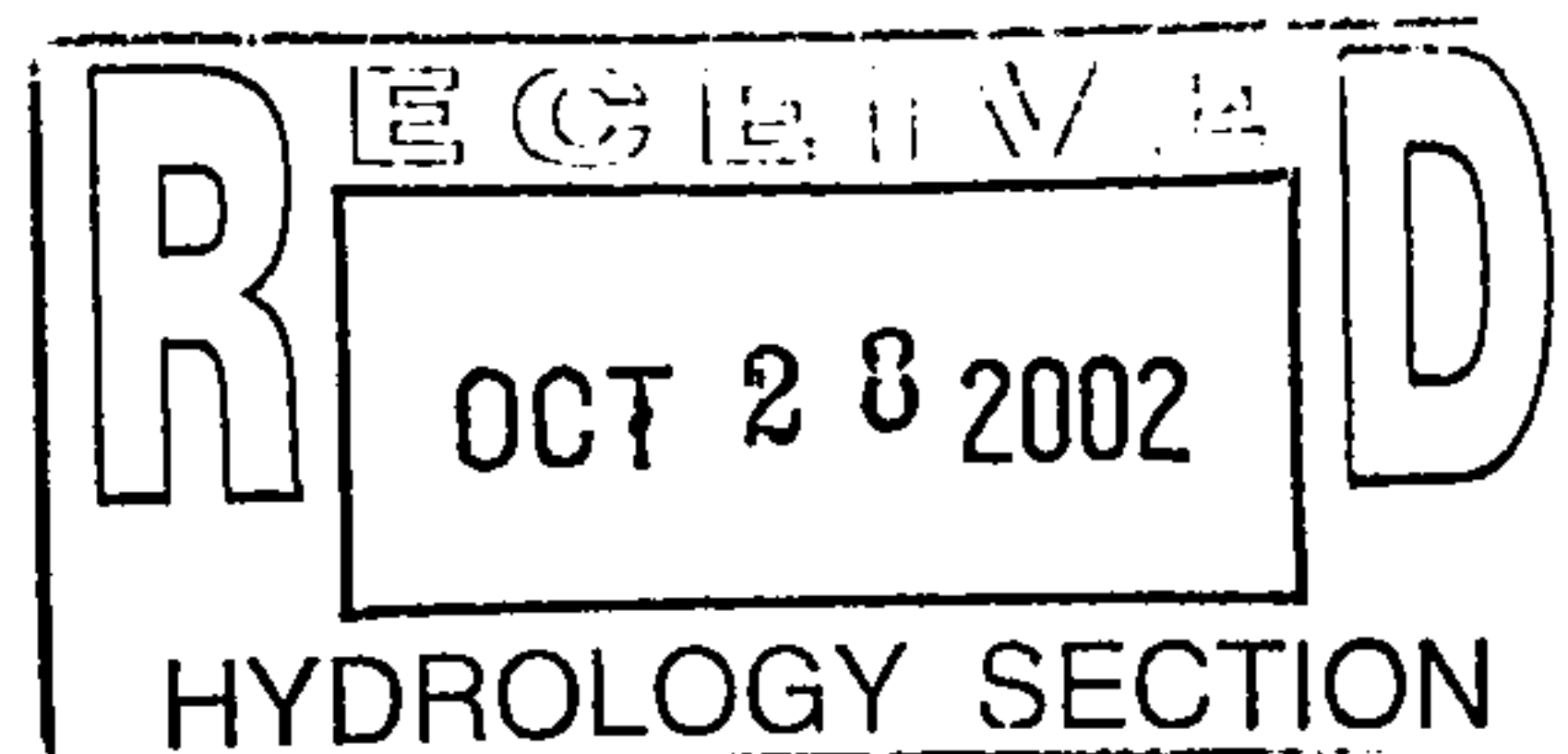
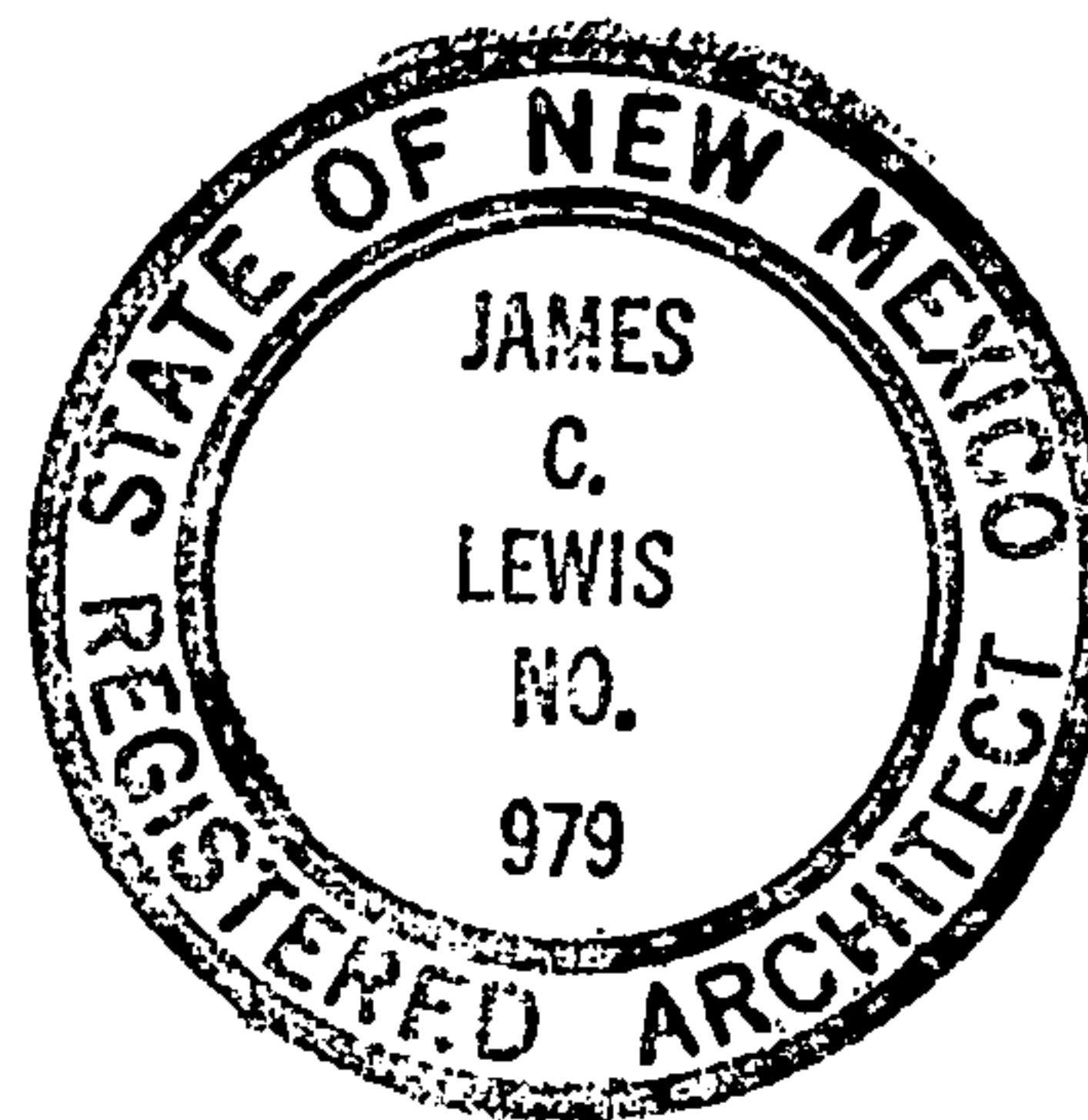
We have visited the above referenced site and to the best of our knowledge, the circulation areas, parking spaces, including HC spaces, sidewalks, ramps and landscaped areas are in general conformance with the approved site plan.

If you have any questions, please feel free to call our office at 247-1529.

Sincerely,



James C Lewis



jcl/dba



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 16, 2002

Amy Driscoll, P.E.
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: ROSES PAPERS- PHASE 3 (L-14/D1C)
(1701 2nd St. SW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 2/20/2002
ENGINEERS CERTIFICATION DATED 9/12/2002

Dear Ms. Driscoll:

Based upon the information provided in your Engineers Certification submittal dated 9/13/2002, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin

Hydrology Plan Checker

Development & Bldg. Services Division

BUB

C: Certificate of Occupancy Clerk, COA
✓ drainage file
approval file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV.1/11/2002)

PROJECT TITLE: Roses Papers # PA-3

ZONE MAP/DRB.FILE#: L-14/D1C

DRB#: _____ EPC# _____

WORK ORDER#: _____

LEGAL DESCRIPTION: South Barel as Industrial Park

CITY ADDRESS: 1701 2nd St. Albuquerque NM 87102

ENGINEERING FIRM: Mark Goodwin & Associates, PA

ADDRESS: P.O. Box 90606 Albuquerque NM 87119

CITY, STATE: Albuquerque NM

CONTACT: Amy L. Driscoll, PE

PHONE: 828-2200

ZIP CODE: 87119

OWNER: Roses Paper

ADDRESS: 1701 2nd St.

CITY, STATE: Albuquerque, NM

CONTACT: Steve Dates

PHONE: 842-0134

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: _____

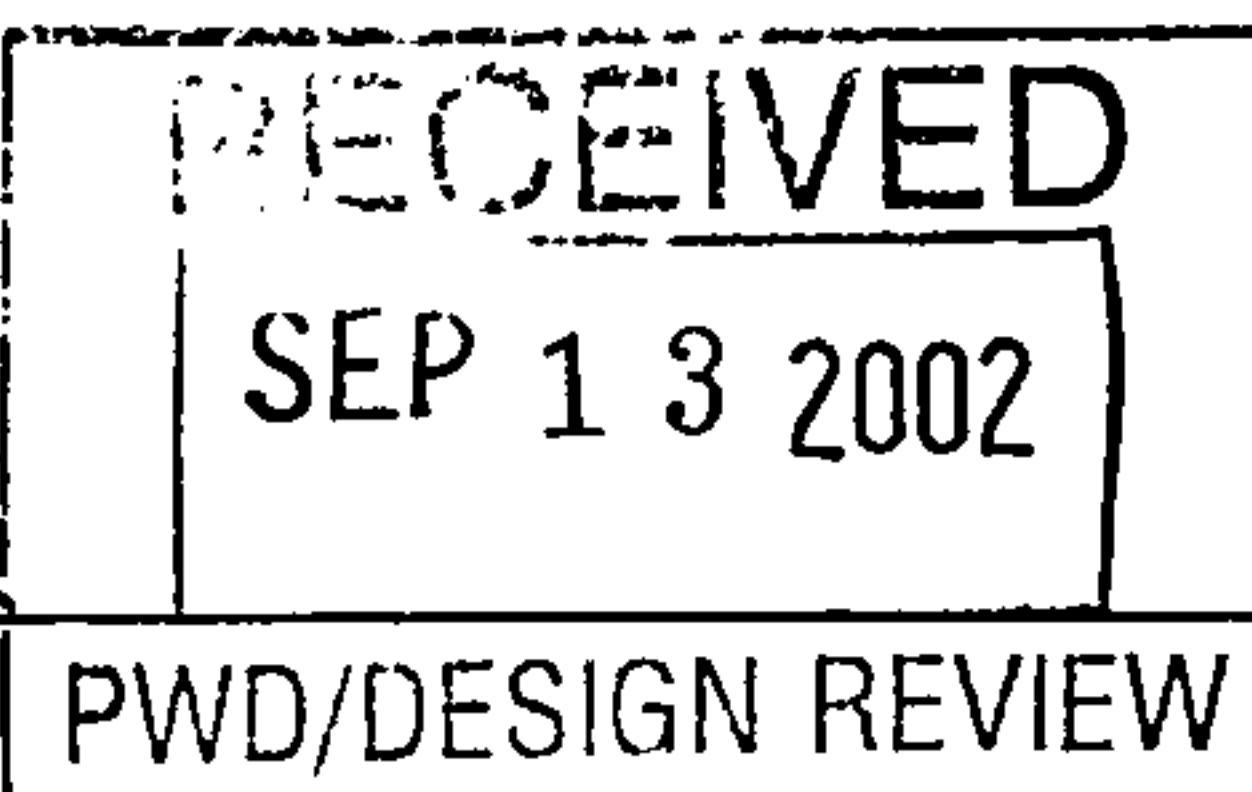
TYPE OF SUBMITTAL:

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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 9/12/02



CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTY 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)

BY: _____

Amy L. Driscoll, PE

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3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

D. Mark Goodwin and Associates, P.A.
Consulting Engineers

P.O. Box 90606 ♦ Albuquerque, NM 87199
(505) 828-2200 ♦ (505) 797-9539 fax
e-mail: dmg@swcp.com

LETTER OF TRANSMITTAL

To: City of Albuquerque Hydrology
One Stop

Date: September 12, 2002

Re: Roses Papers III

L14/D1C

We are sending:

No. Copies	Date	Item Description
1		Engineer's Certification
1		Drainage Information Sheet

☒ For your approval

☐ For your information

☐ As you requested

☐ For your comments

NOTES:

RECEIVED

SEP 13 2002

PWD/DESIGN REVIEW

SIGNED:

Amy L. Driscoll, PE



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 25, 2002

Amy Driscoll, PE
Mark Goodwin & Associates, P.A.
PO Box 90606
Albuquerque, NM 87199

**Re: Roses Papers III Grading and Drainage Plan
 Engineer's Stamp Dated 2-20-02, (L14/D1C)**

Dear Ms. Driscoll,

Based on the information contained in your submittal dated 2-21-02, the above referenced plan is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3984.

Sincerely,

Leslie Romero

Engineering Associate, PWD
Development and Building Services

c: Terri Martin, Hydrology
 File-(2)

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

L-14/D12

PROJECT TITLE: ROSES PAPERS III ZONE MAP/DRG. FILE #: L-14
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: SOUTH BAREAS INDUSTRIAL PARK
CITY ADDRESS: 1701 2ND ST

ENGINEERING FIRM: MARK GOODWIN + ASSOC.
ADDRESS: PO BOX 90000
CITY, STATE: ALB, NM 87199

CONTACT: AMY L. DRISCOLL, PE
PHONE: 828-2200
ZIP CODE: 87199

OWNER: ROSES PAPER
ADDRESS: 1701 2ND ST
CITY, STATE: ALB, NM

CONTACT: STEVE DATES
PHONE: 828-0134
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:

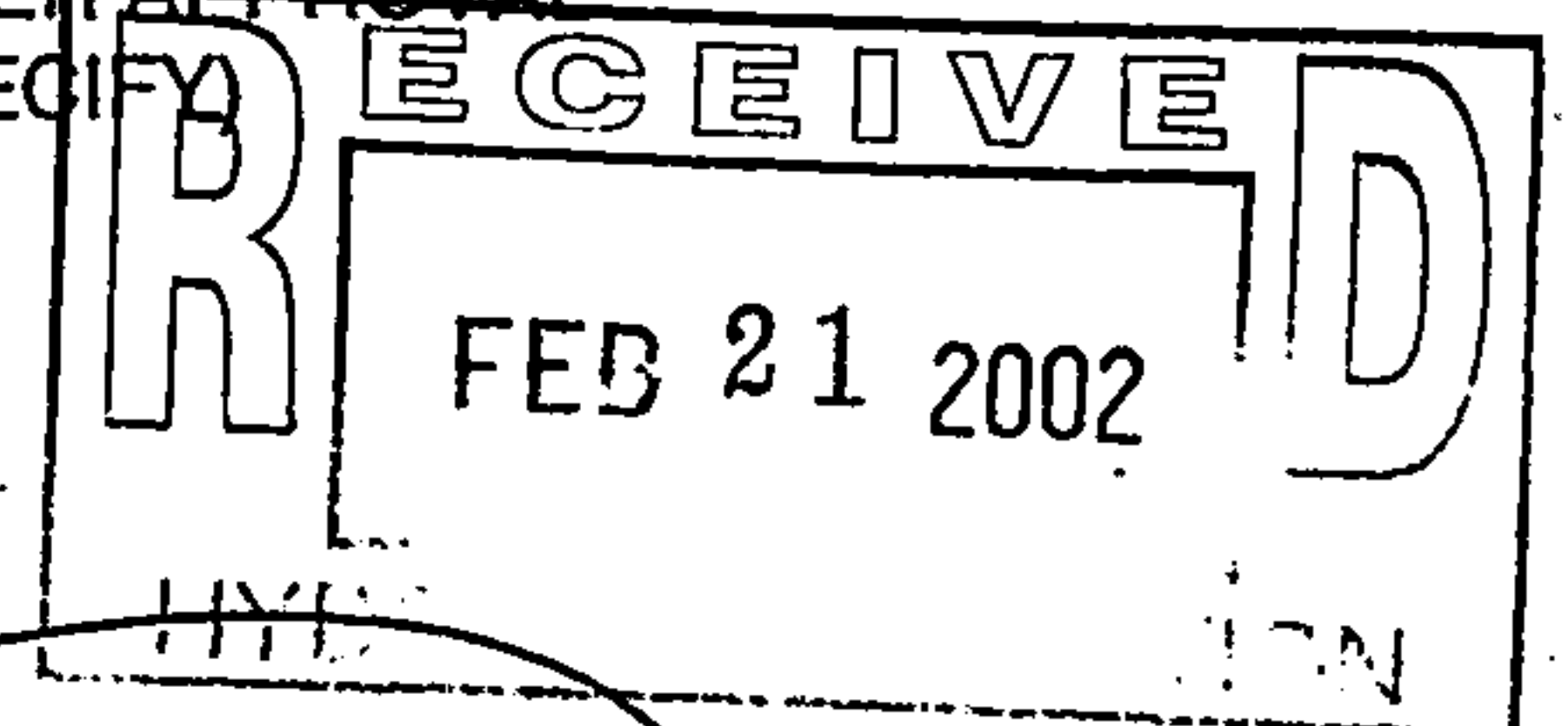
- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☒ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

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
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- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☒ NO
- ☐ COPY PROVIDED



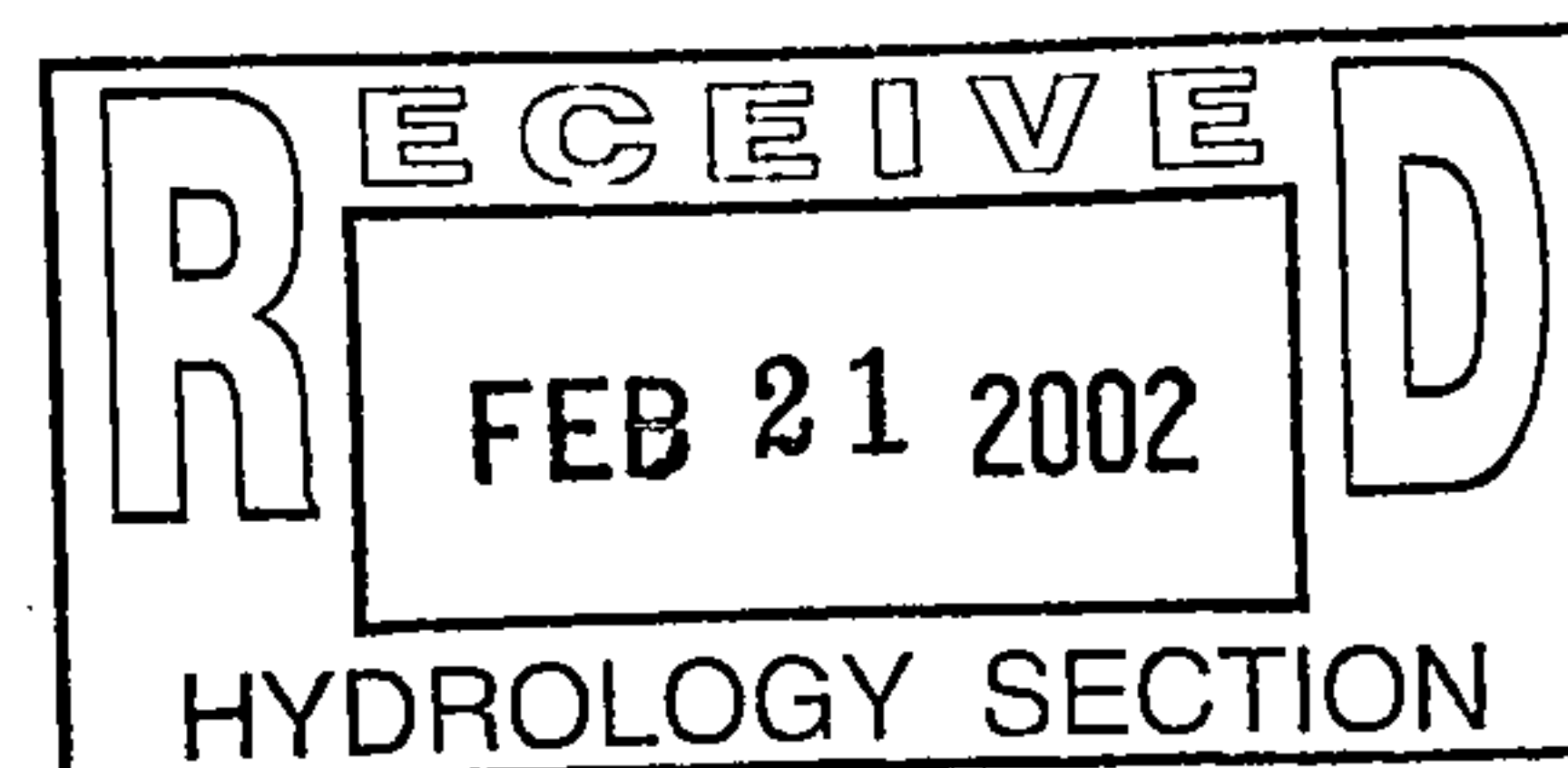
DATE SUBMITTED: 2/21/02 BY: [Signature]

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
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3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or

D. Mark Goodwin and Associates, P.A.
Consulting Engineers

P.O. Box 90606 ♦ Albuquerque, NM 87199
(505) 828-2200 ♦ (505) 797-9539 fax
e-mail: dmg@swcp.com



LETTER OF TRANSMITTAL

To: City of Albuquerque Hydrology
One Stop

Date: February 21, 2002

Re: Roses Papers III

L14/D1C

We are sending:

No. Copies	Date	Item Description
1		Grading and Drainage Plan
1		Drainage Information Sheet
1		TCL

☒ For your approval

☐ For your information

☐ As you requested

☐ For your comments

NOTES:

SIGNED:


Amy L. Driscoll, PE



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmgs@swcp.com

February 21, 2002

Mr. Carlos Montoya
City of Albuquerque
600 2nd Street SW
Albuquerque, NM 87103

Re: Roses Papers III, L14/D1C

Dear Mr. Montoya:

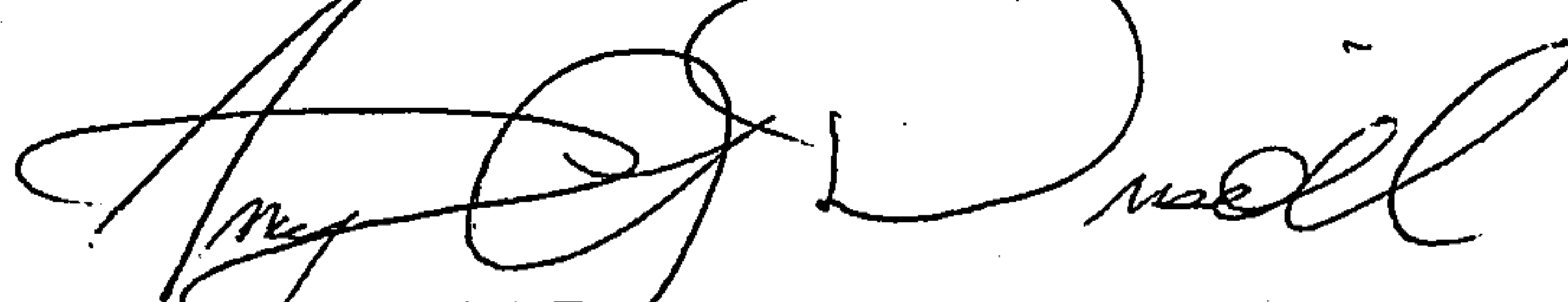
This letter is in response to your letter of February 11, 2002.

1. The roof drains are shown on the new building.
2. The outfall of the sump pump is shown along with details of the sump pump.
3. The envelope of the building was already on the drawing.
4. The north arrow is on the Zone Atlas Map.

Please let me know if I can be of further assistance..

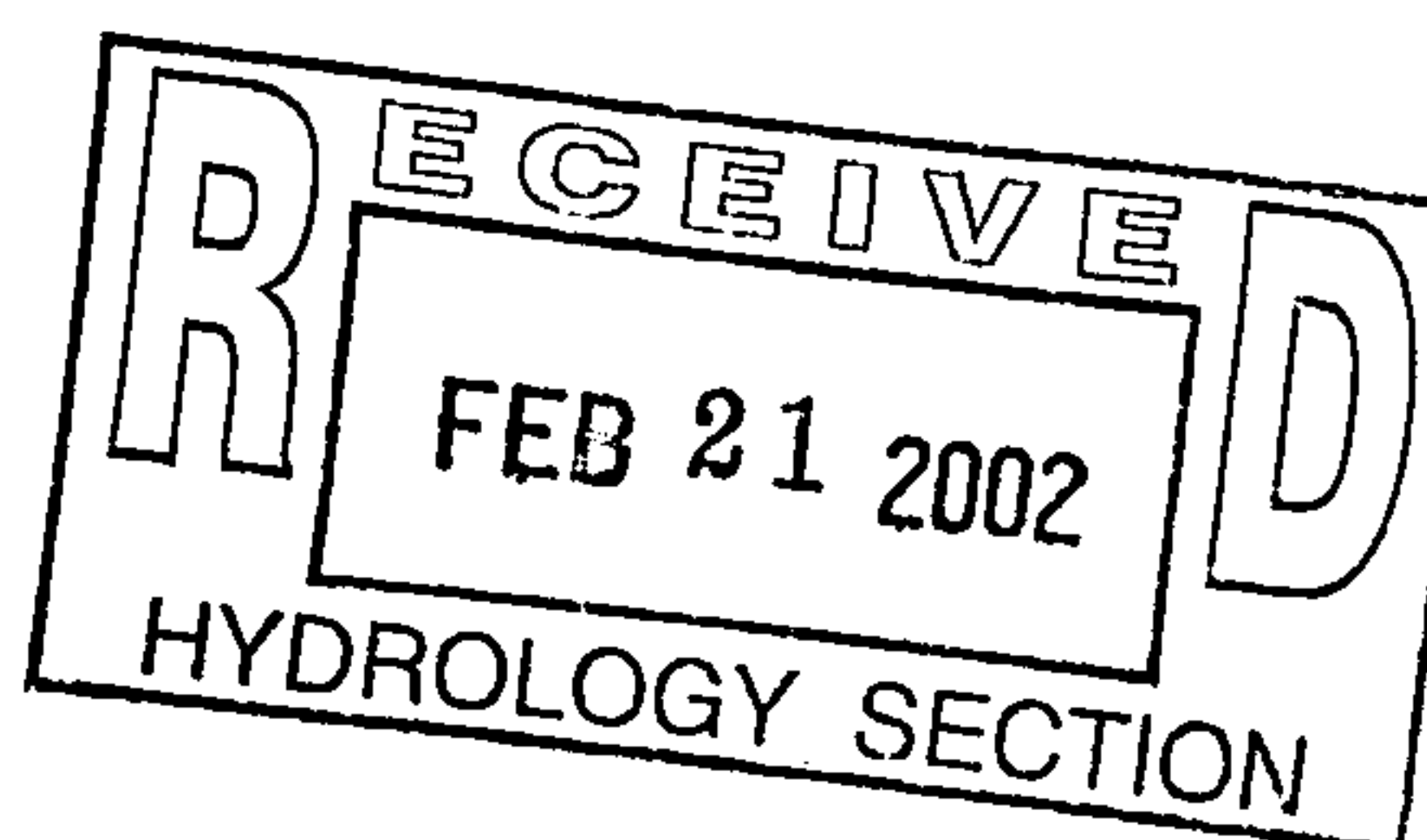
Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.



Amy L. Driscoll, PE

\\rosespaperIII\carlos3





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 11, 2002

Amy Driscoll, PE
Mark Goodwin & Associates, P.A.
PO Box 90606
Albuquerque, NM 87199

**Re: Roses Papers III Grading and Drainage Plan
Engineer's Stamp Dated 2-7-02, (L14/D1C)**

Dear Ms. Driscoll,

Based on the information contained in your submittal dated 2-7-02, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

- ✎ Please identify roof drains for proposed building.
- Show new alignment outfall of sump pump. Show new details of sump pump.
- Show envelope of the building.
- North arrow is required on the Zone Map.

If you have any questions, you can contact me at 924-3982.

Sincerely,

Carlos A. Montoya, PE
Floodplain Administrator, PWD
Development and Building Services

c: Terri Martin, Hydrology
File (2)

DRAINAGE INFORMATION SHEET

(REV. 11/01/2001)

L-14/DIC

PROJECT TITLE: ROSES PAPERS III

ZONE MAP/DRG. FILE #: L-14

DRB #: _____ EPC#: _____

WORK ORDER#: _____

LEGAL DESCRIPTION: SOUTH PARELAS INDUSTRIAL PARK

CITY ADDRESS: 1701 2nd ST

ENGINEERING FIRM: MARIL GOODWIN & ASSOC

ADDRESS: PO BOX 9000

CITY, STATE: ALB, NM 87199

CONTACT: AMY L. DRISCOLL, PE

PHONE: 824-2200

ZIP CODE: 87199

OWNER: ROSES PAPER

ADDRESS: 1701 2nd ST

CITY, STATE: ALB, NM

CONTACT: STEVE DATES

PHONE: 842-0134

ZIP CODE: 87102

ARCHITECT: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

SURVEYOR: JAKE ARGUELLES LAND SURVEYING

ADDRESS: 2912 SAN VICENTE RD SW

CITY, STATE: ALB, NM 87121

CONTACT: JAKE ARGUELLES

PHONE: 975-0958

ZIP CODE: 87121

CONTRACTOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
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- ☐ 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:

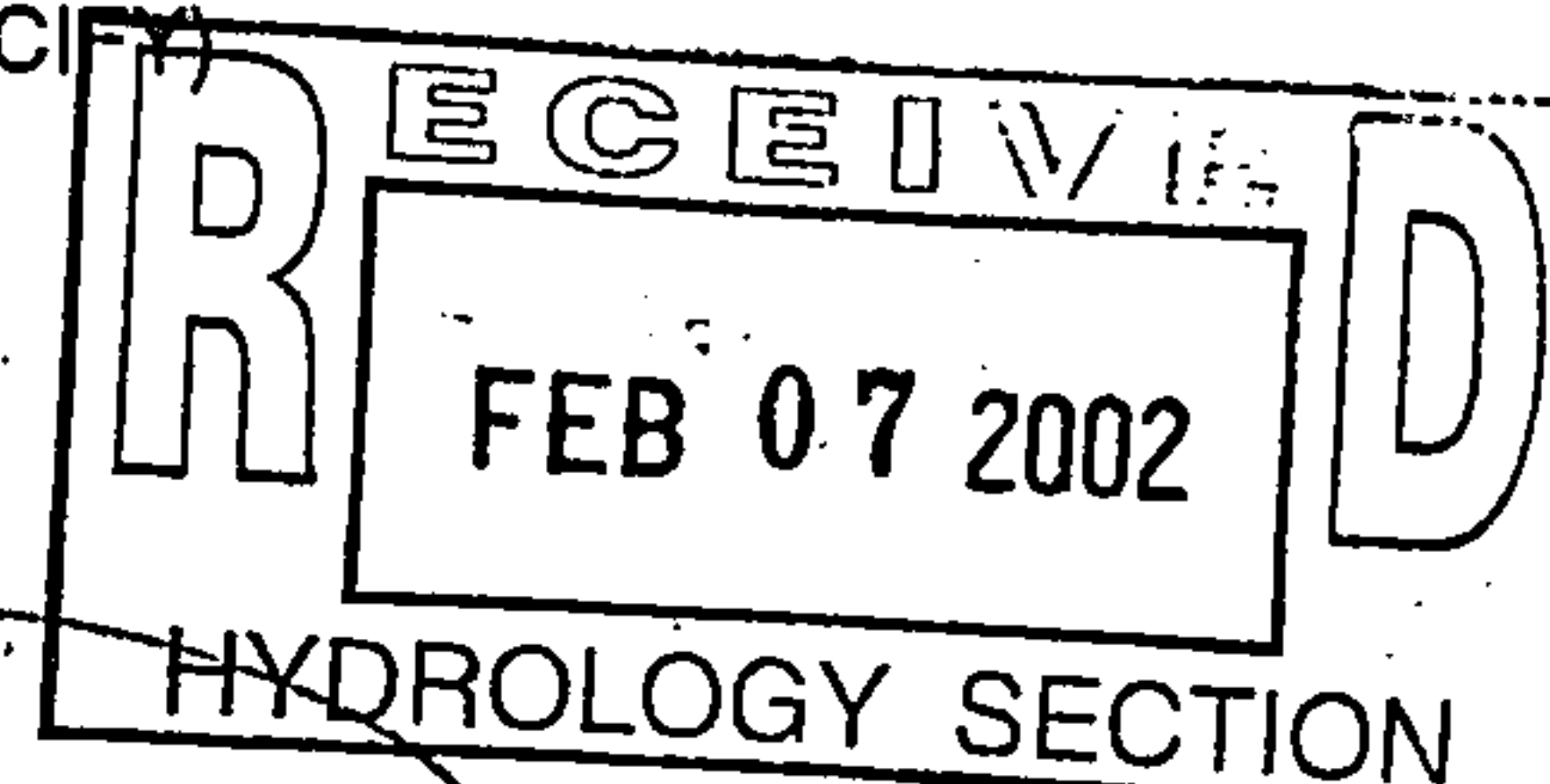
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
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- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 2/7/02

BY: [Signature]



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:

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City of Albuquerque

September 27, 2000

Mark Goodwin, P.E.
Mark Goodwin & Assoc.
P. O. Box 90606
Albuquerque, NM 87199

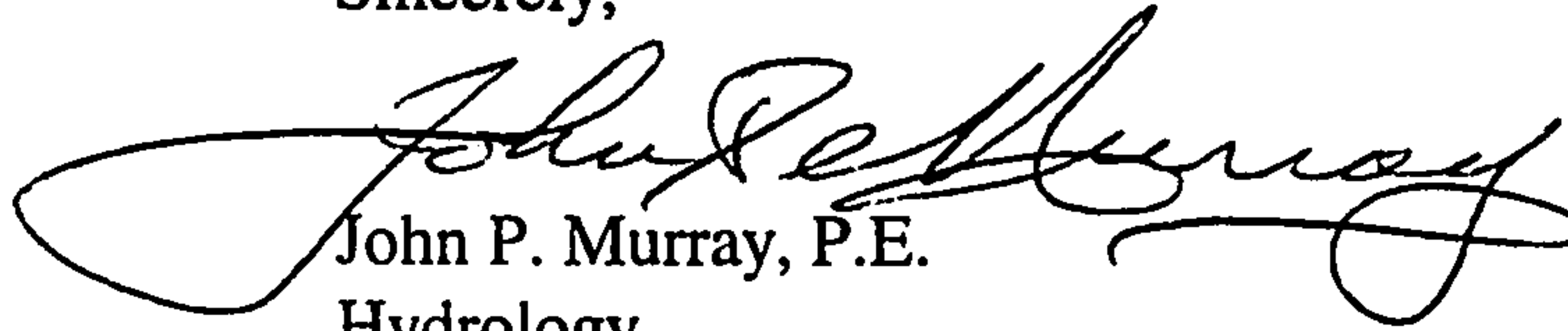
**RE: ROSES PAPERS ADDITION, PHASE 2 (L14-D1C). ENGINEER'S
CERTIFICATION FOR CERTIFICATE OF OCCUPANCY APPROVAL.
ENGINEER'S STAMP DATED SEPTEMBER 1, 2000.**

Dear Mr. Goodwin:

Based on the information provided on your September 1, 2000 submittal, the above referenced project is approved for Certificate of Occupancy.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

✓ c: Whitney Reiersen
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roses Papers Addition Phase 2 ZONE/ATLAS/DRNG#: L-14 / 10001C
DRB#: EPC# WORK ORDER#:
LEGAL DESCRIPTION: Tract E-1-A, Unit 1, South Barelav Industrial Park
CITY ADDRESS: 1701 2nd Street

ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	<u>Mark Goodwin, PE</u>
ADDRESS:	<u>P.O. Box 90606, Albuquerque, NM 87199</u>	PHONE:	<u>828-2200</u>
OWNER:	<u>Roses Papers</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
ARCHITECT:	<u>SLNB, Inc.</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701, Albuquerque, NM 87190-0701</u>	PHONE:	<u>884-1990</u>
CONTACTOR:	<u>S & J Enterprises</u>	CONTACT:	<u>Mike Kerr</u>
ADDRESS:	<u>3535 Princeton NE, Albuquerque, NM 87107</u>	PHONE:	<u>884-6234</u>

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

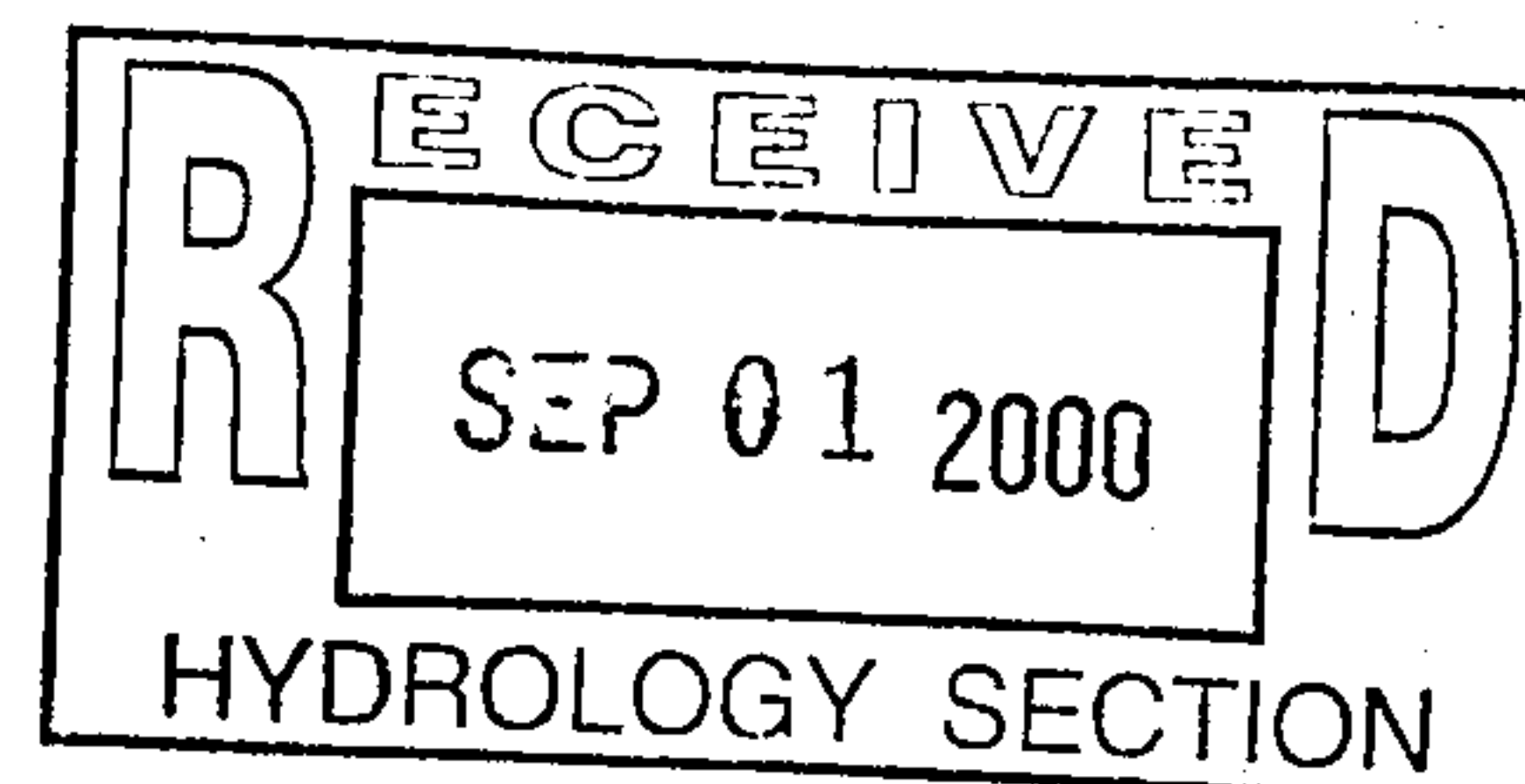
CHECK TYPE OF APPROVAL SOUGHT:

☐ 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
☒ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY

DATE SUBMITTED: 9/1/00

BY: Mark Goodwin

Mark Goodwin, PE





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 15, 1999

Mark Goodwin, P.E.
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

***RE: ROSES PAPER ADDITION - PHASE 2 (LI4-DIC). GRADING & DRAINAGE PLAN
FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED MARCH
11, 1999.***

Dear Mr. Goodwin:

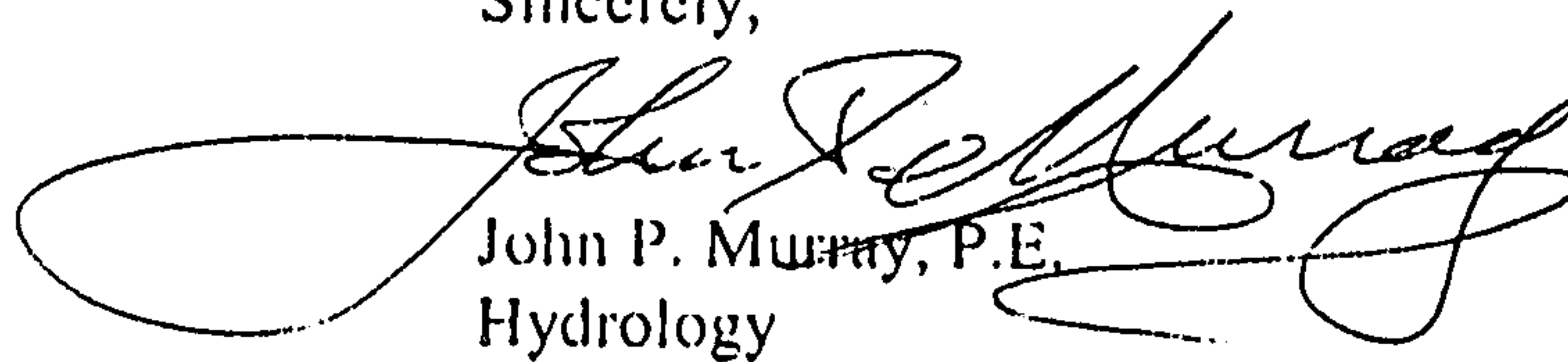
Based on the information provided on your March 11, 1999 submittal, the above referenced project is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to Certificate of Occupancy approval, an Engineer's Certification per the DPM will be required.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: ~~Andrew Garcia~~
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roses Papers Addition - **PHASE 2** ZONE/ATLAS/DRNG, FILE#: L-14 **IDIC**
DRB#: _____ EPC# _____ WORK ORDER#: _____
LEGAL DESCRIPTION: Tract E-1-A, Unit 1, South Barelbas Industrial Park
CITY ADDRESS: _____

ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	<u>Mark Goodwin, PE</u>
ADDRESS:	<u>P.O. Box 90606, Albuquerque, NM 87199</u>	PHONE:	<u>828-2200</u>
OWNER:	<u>Roses Papers</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
ARCHITECT:	<u>SLNB, Inc.</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701, Albuquerque, NM 87190-0701</u>	PHONE:	<u>884-1990</u>
CONTACTOR:	<u>S & J Enterprises</u>	CONTACT:	<u>Mike Kerr</u>
ADDRESS:	<u>3535 Princeton NE, Albuquerque, NM 87107</u>	PHONE:	<u>884-6234</u>

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

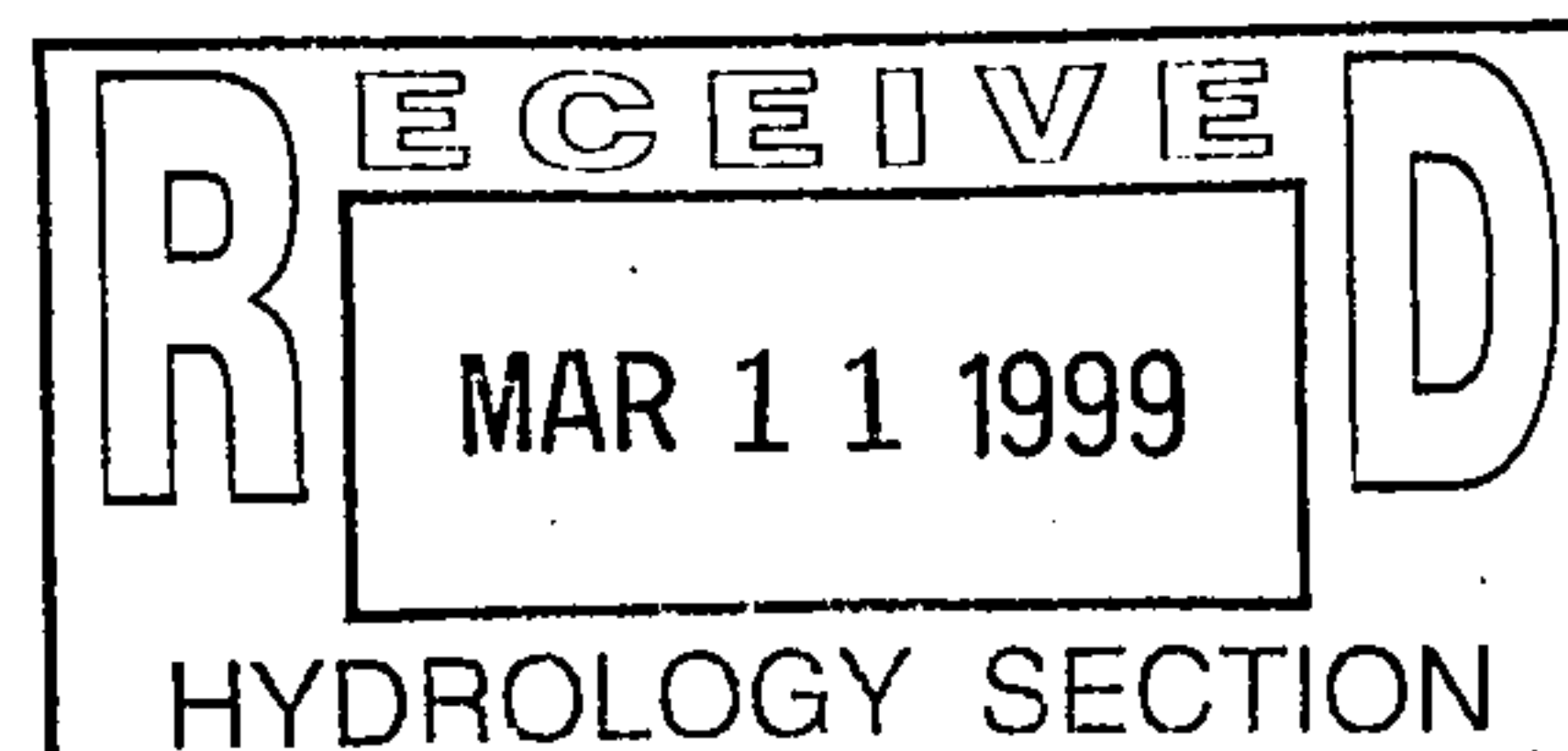
CHECK TYPE OF APPROVAL SOUGHT:

☐ 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
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY

DATE SUBMITTED: 3/11/99

BY: Mark Goodwin

Mark Goodwin, PE





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 26, 1999

Mark Goodwin, P.E.
Mark goodwin & Assoc.
P. O. Box 90606
Albuquerque, NM 87199

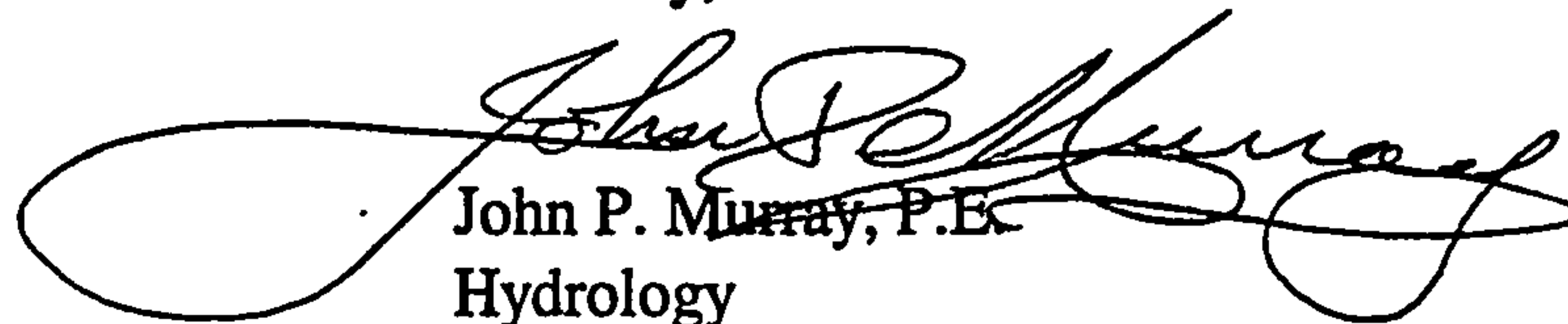
***RE: ROSES PAPER ADDITION (L14-D1C). ENGINEER'S CERTIFICATION FOR
CERTIFICATE OF OCCUPANCY APPROVAL. ENGINEER'S STAMP DATED
OCTOBER 11, 1999.***

Dear Mr. Goodwin:

Based on the information provided on your October 11, 1999 submittal, the above referenced project is approved for Certificate of Occupancy.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: WR
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roses Papers Addition ZONE/ATLAS/DRNG#: L-14 / D001C
DRB#: _____ EPC# _____ WORK ORDER#: _____
LEGAL DESCRIPTION: Tract E-1-A, Unit 1, South Barelás Industrial Park
CITY ADDRESS: 1701 2nd Street

ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	<u>Mark Goodwin, PE</u>
ADDRESS:	<u>P.O. Box 90606, Albuquerque, NM 87199</u>	PHONE:	<u>828-2200</u>
OWNER:	<u>Roses Papers</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
ARCHITECT:	<u>SLNB, Inc.</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701, Albuquerque, NM 87190-0701</u>	PHONE:	<u>884-1990</u>
CONTACTOR:	<u>S & J Enterprises</u>	CONTACT:	<u>Mike Kerr</u>
ADDRESS:	<u>3535 Princeton NE, Albuquerque, NM 87107</u>	PHONE:	<u>884-6234</u>

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

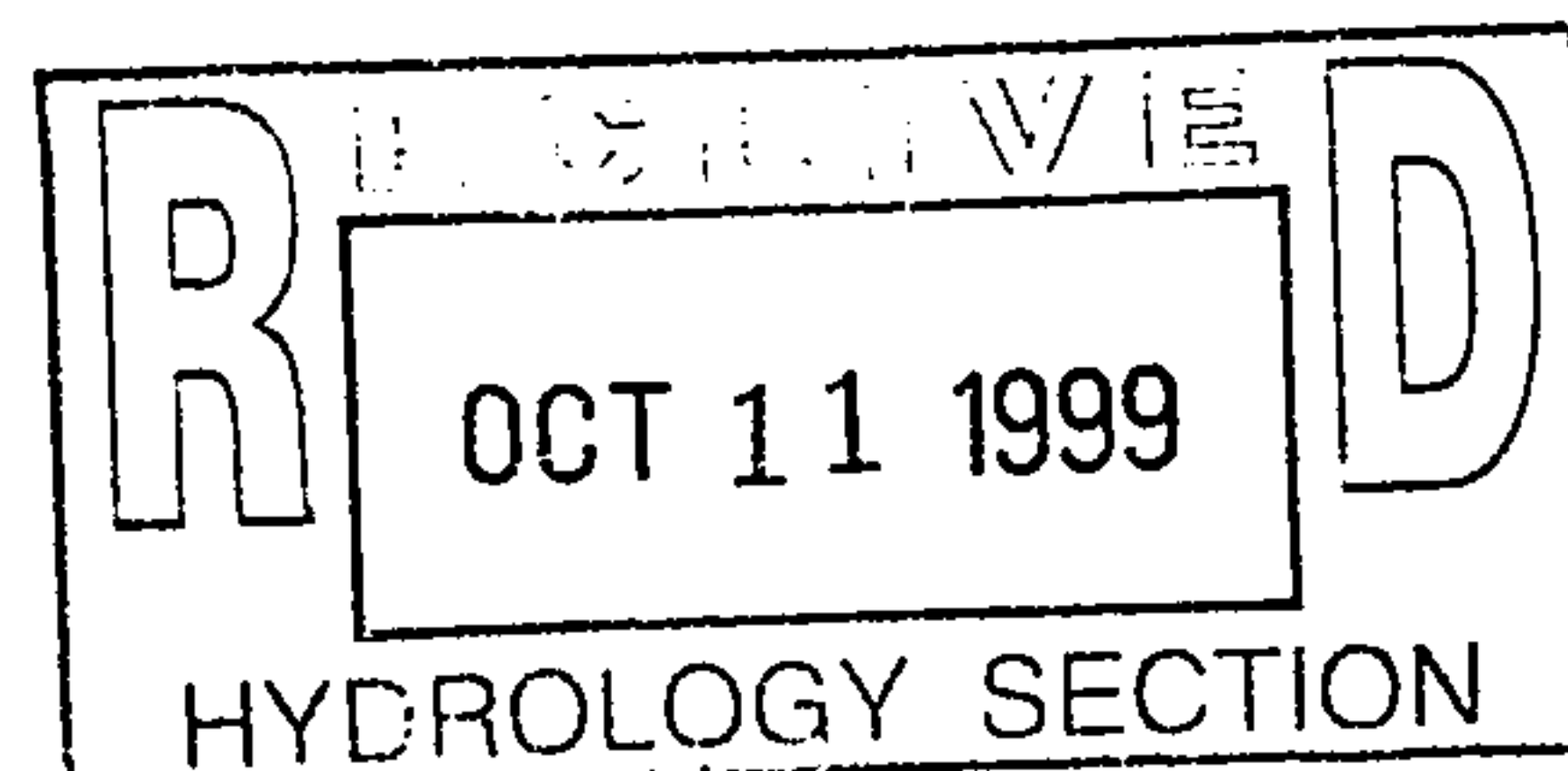
CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
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☒ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY

DATE SUBMITTED: 10/11/99

BY: Mark Goodwin

Mark Goodwin, PE





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 3, 1999

Mark Goodwin, P.E.
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

***RE: ROSES PAPERS ADDITION (LI4-DIC). GRADING AND DRAINAGE PLAN FOR
BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED JANUARY 11,
1999.***

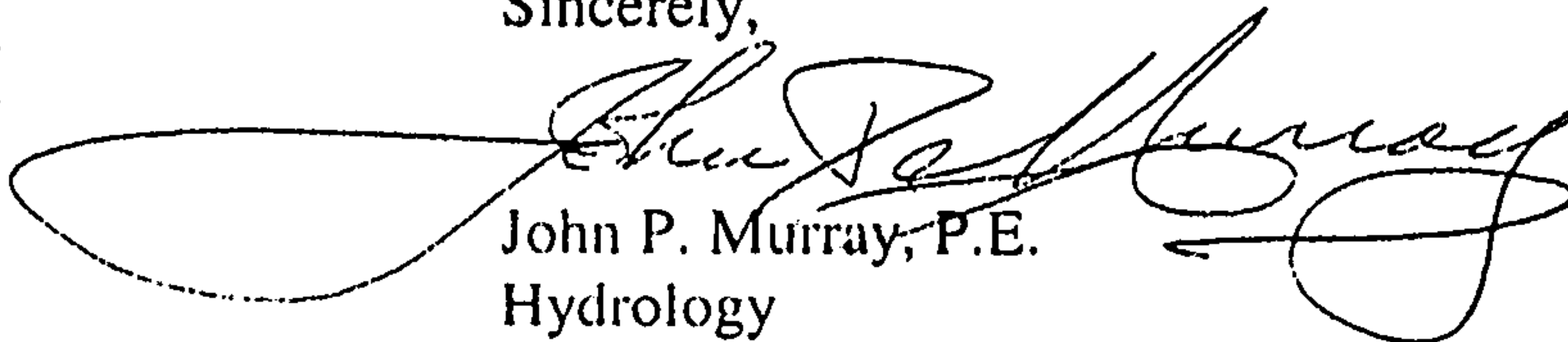
Dear Mr. Goodwin:

Based on the information provided on your January 11, 1999 submittal, the above referenced project is approved for Building Permit.

Prior to Certificate of Occupancy approval, an Engineer's Certification will be required.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,



John P. Murray, P.E.
Hydrology

c: Andrew Garcia
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roses Papers Addition ZONE/ATLAS/DRNG, FILE#: L-14 / D001C
DRB#: _____ EPC# _____ WORK ORDER#: _____
LEGAL DESCRIPTION: Tract E-1-A, Unit 1, South Barelav Industrial Park
CITY ADDRESS: _____

ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	<u>Mark Goodwin, PE</u>
ADDRESS:	<u>P.O. Box 90606, Albuquerque, NM 87199</u>	PHONE:	<u>828-2200</u>
OWNER:	<u>Roses Papers</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
ARCHITECT:	<u>SLNB, Inc.</u>	CONTACT:	<u>David Abbott</u>
ADDRESS:	<u>1620 Central Ave SE, Albuquerque, NM 87106</u>	PHONE:	<u>247-1529</u>
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701, Albuquerque, NM 87190-0701</u>	PHONE:	<u>884-1990</u>
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ADDRESS:	<u>3535 Princeton NE, Albuquerque, NM 87107</u>	PHONE:	<u>884-6234</u>

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

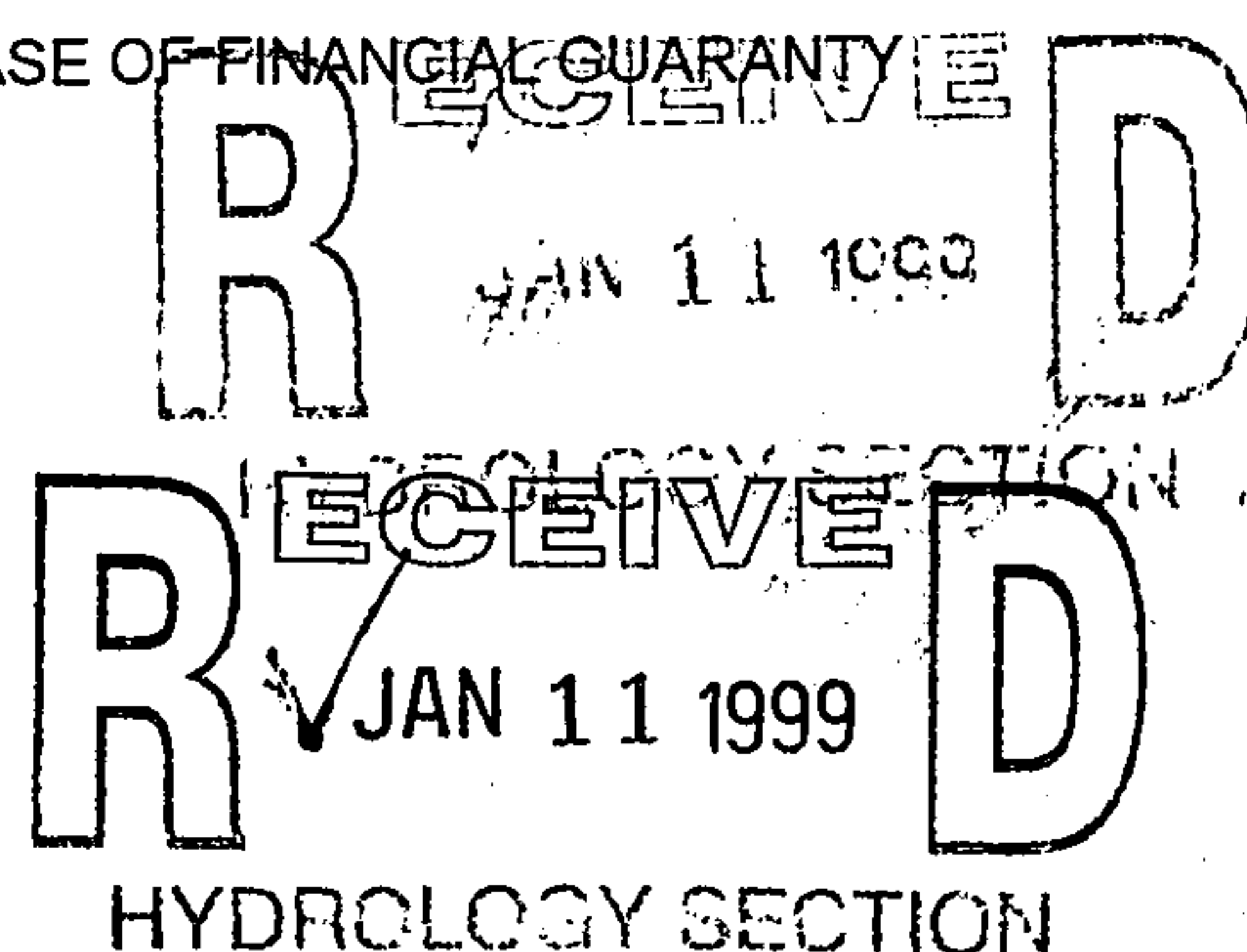
CHECK TYPE OF APPROVAL SOUGHT:

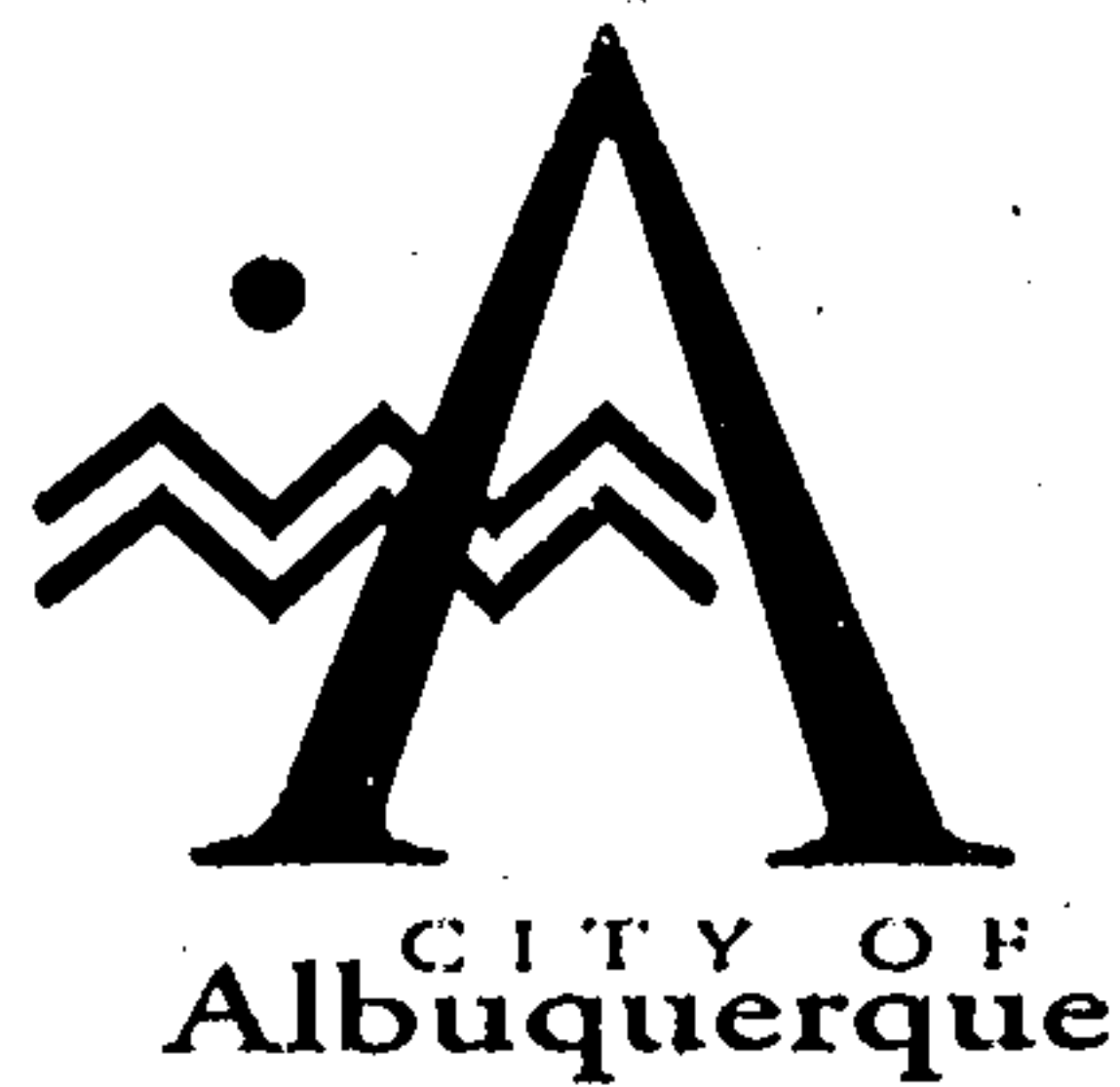
☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
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☐ FINAL PLAT APPROVAL
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☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY

DATE SUBMITTED: 1/12/99

BY: Mark Goodwin

Mark Goodwin, PE





Martin J. Chávez, Mayor

November 4, 1997

Mark Burak
Burak Engineering
1512 Sagebrush Trail SE
Albuquerque, New Mexico 87110

RE: ENGINEER CERTIFICATION FOR ROSES SW PAPER (L14-D1C) CERTIFICATION
STATEMENT DATED 10/24/97

Dear Mr. Burak:

Based on the information provided on your October 24, 1997 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me 924-3986.

C: Andrew Garcia

File

Sincerely

Bernie J. Montoya CE
Associate Engineer



PROJECT TITLE: ROSES SW PAPER ZONE ATLAS/DRNG. FILE #: L14-D1C

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: _____

CITY ADDRESS: 1801 2ND ST. SW

ENGINEERING FIRM: MARK BURAK CONTACT: MARK BURAK

ADDRESS: 1512 SAGEBRUSH TR SE PHONE: 296-0461

OWNER: 87123 CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: FM SM CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

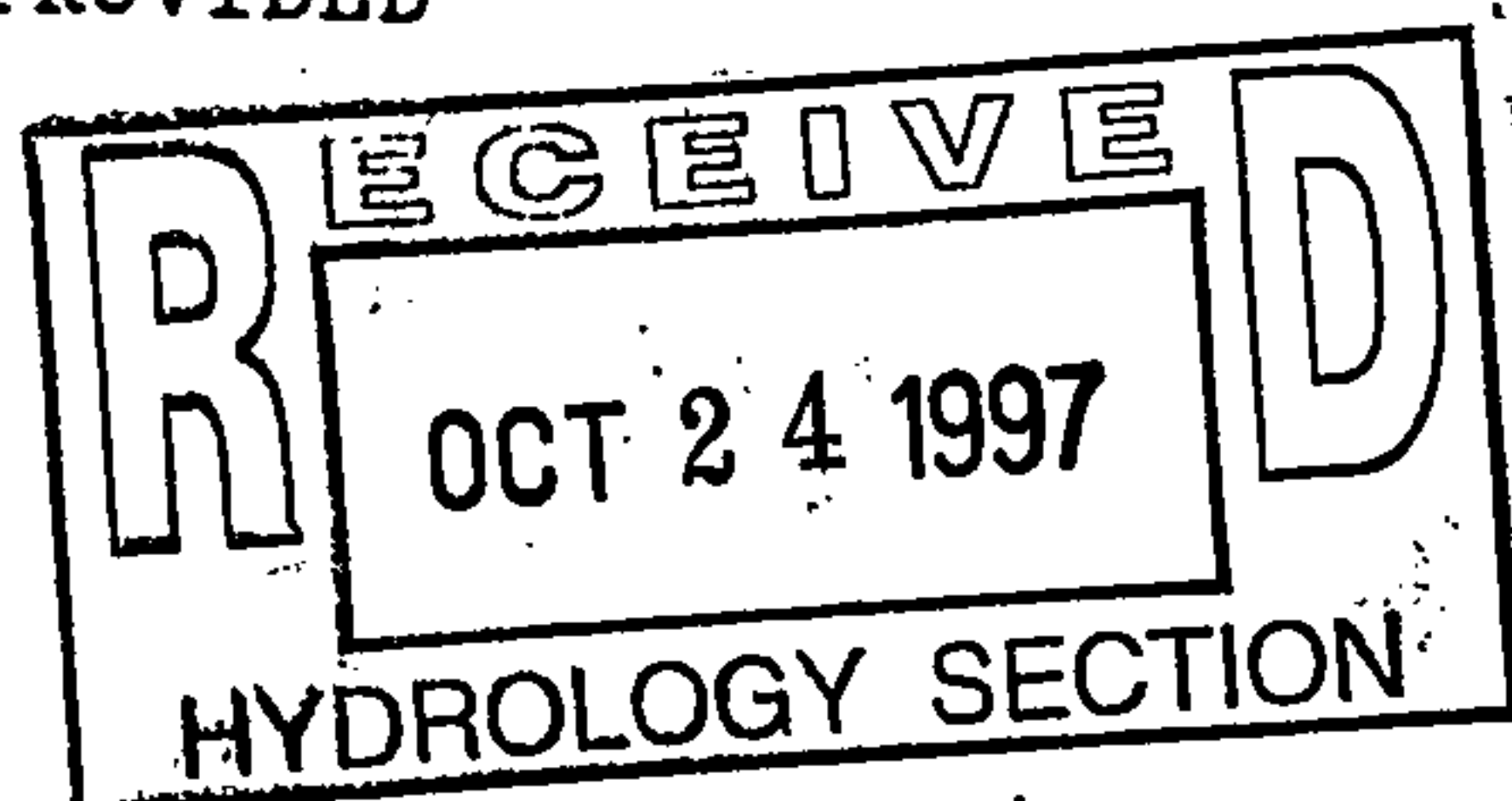
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

- ☐ YES
☐ NO
☐ COPY PROVIDED



CHECK TYPE OF APPROVAL SOUGHT:

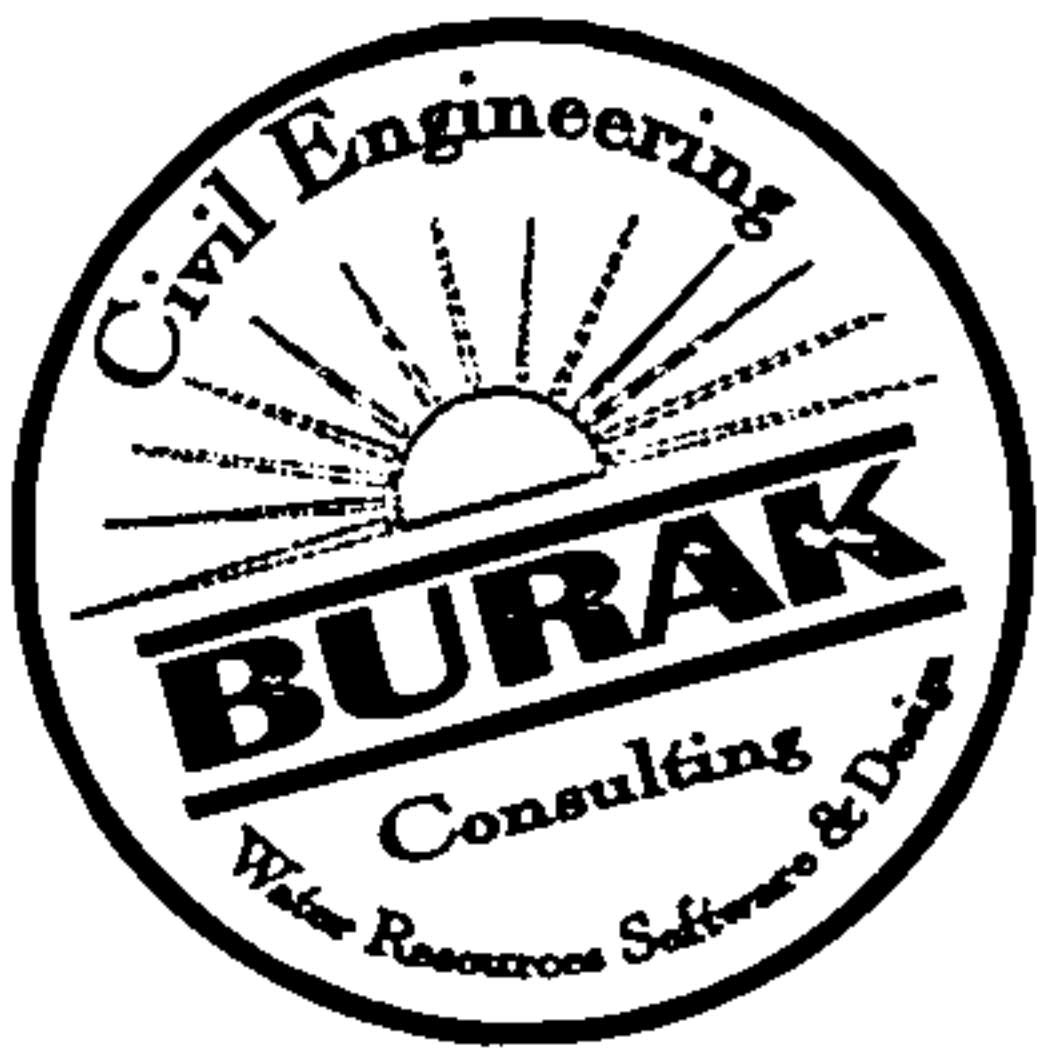
- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING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

DATE SUBMITTED:

BY:

10/24/97

Mark Burak



Mark H. Burak, P.E.

1512 Sagebrush Trail SE Albuquerque, NM 87123

(505) 296-0461

235-2256 cell

296-0467 fax

October 23, 1997

Lisa Manwill, P.E.
City of Albuquerque
Albuquerque, NM 87110

RE: ROSES SW PAPER - CERTIFICATE OF OCCUPANCY (L14-D1C)

Dear Ms. Manwill:

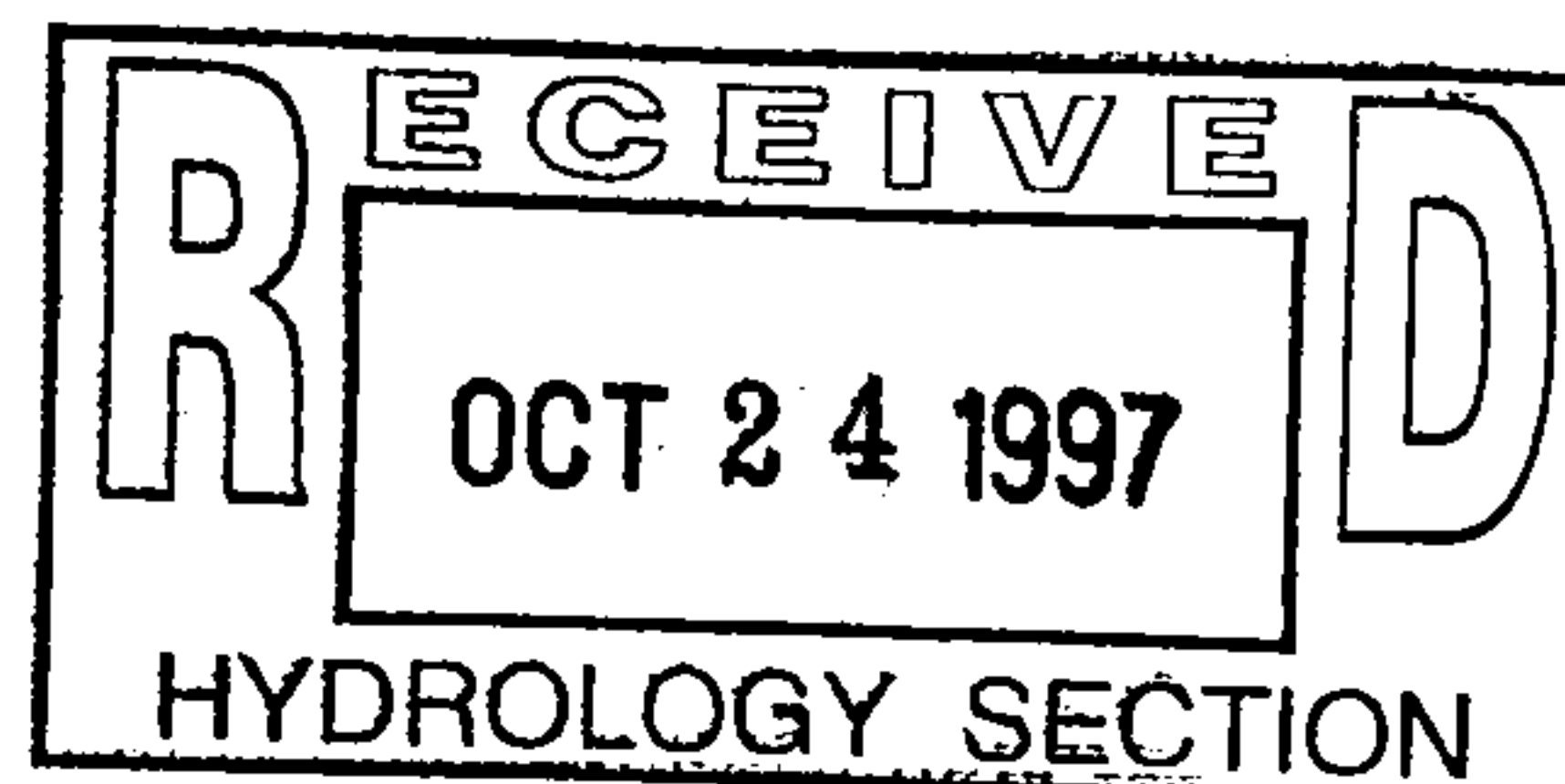
This letter is in response to your comments dated 8/13/97.

- I appologize for not having an answer for you concerning the Work Order, but it was conducted properly by the contractor. The work order acceptance and inspection was conducted by the City in June. Attached is a letter from Peter Chang concerning the final inspection. I do not typically deal with the contractors and am not aware of their scheduling for permitting or inspections. I think that is where the confusion started. Also, the City department that is supposed to forward a copy of the Work Order and inspection information to you didn't follow through with it.
- The surveyor that marked up the grading plan for his as-built certification used a sheet stamped by Eddie Livingston. It is the same sheet that I stamped and you approved with additional notes and more clarification and point elevations called out. I have enclosed a copy of the approved sheet stamped by me and certified by me along with the one with the surveyor's information.

I hope this letter along with the attached sheets and drawings will provide you with sufficient information to approve this project without further delay. If you have any additional comments or require clarification on any aspect of this project, please feel free to contact me at 296-0461.

Sincerely,

Mark Burak



OCT.14.1997 11:25AM S J ENTERPRISE

127 P02 NO.153 OCT 14 '97 10:31



Public Works Department

Martin J. Chávez, Mayor

Robert E. Gurne, Director

INTEROFFICE MEMORANDUM

DATE:

TO: Distribution

FROM: Peter Chang, Civil Engineer, PWD

SUBJECT: FINAL INSPECTION

A final inspection will be conducted on the following project. The date, time and location are shown below. Please insure that any interested parties from your organization attend.

The contractor is required to attend the final inspection and provide personnel and equipment to open manholes, operate valves and provide information or make decisions regarding any work which needs to be completed.

If the City of Albuquerque is not providing as-builts on the projects, the contractor or other agent of the owner must have two complete sets of as-builts available at the inspection. The as-builts will be retained by City of Albuquerque personnel after completion of the inspection. The final inspection will not be started without as-built drawings.

<u>W.D. NO.</u>	<u>PROJECT NAME</u>	<u>DATE</u>	<u>TIME</u>
560051	Rosas Southwest Paper	6/10/97	2:30
<u>CONTRACTOR</u>	<u>PUBLIC WORKS CONSTRUCTION</u>	<u>LOCATION TO START</u>	
TLC Plumbing	Mike Stickler	4th St., South of Bridge	

DISTRIBUTION

Ramon Gullyos COA Storm Drain Maint.
TLC Plumbing

Good for You, Albuquerque!

Wastewater Utility Division





August 13, 1997

Martin J. Chávez, Mayor

Mark Burak, P.E.
1512 Sagebrush Trail SE
Albuquerque, NM 87123

**RE: ROSES SOUTHWEST PAPER PHASE V (L14-D1C). ENGINEER'S
CERTIFICATION FOR CERTIFICATE OF OCCUPANCY APPROVAL.**

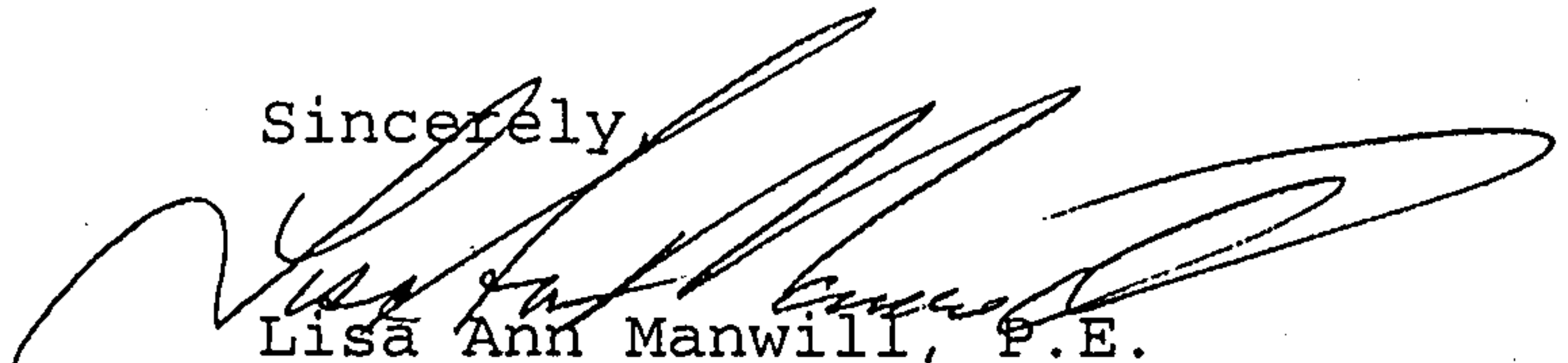
Dear Mr. Burak:

Based on the information provided on your July 31, 1997 submittal,
City Hydrology has the following comments:

1. Did you get the Work Order acceptance resolved?
2. I approved a plan stamped by you, dated November 5, 1996.
The plan you have submitted for Certificate of Occupancy,
was stamped by L.C. Livingston on December 4, 1996.

If I can be of further assistance, please feel free to contact me at
768-3622.

Sincerely,



Lisa Ann Manwill, P.E.
Engineering Assoc./Hyd.

c: Andrew Garcia
~~File~~



DRAINAGE INFORMATION SHEET (SEE WP FILE DPMDIS FOR BETTER COPY)

PROJECT TITLE: ROSES SOUTHWEST PAPER ZONE ATLAS/DRNG. FILE #: L-14 DIC

DRB #: _____ EPC#: _____ WORK ORDER#: 5600-81

LEGAL DESCRIPTION: _____

CITY ADDRESS: 1801 2nd St SW

ENGINEERING FIRM: MARK BURAK, P.E.

CONTACT: MARK BURAK

ADDRESS: 1512 SAGEBRUSH TR SE PHONE: 296-0461

CITY, STATE: ALBUQUERQUE ZIP CODE: 87123

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: FMSM CONTACT: _____

ADDRESS: _____ PHONE: _____

CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: JOAQUIN ARGUELLES, Jr., No. 7472

CONTACT: _____

ADDRESS: _____ PHONE: _____

CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: S&J ENT (MIKE KEER) CONTACT: 284-6234

ADDRESS: TLC CONT DALE & BRIAN PHONE: _____

CITY, STATE: 761-9696 ZIP CODE: _____

TYPE OF SUBMITTAL: #560081

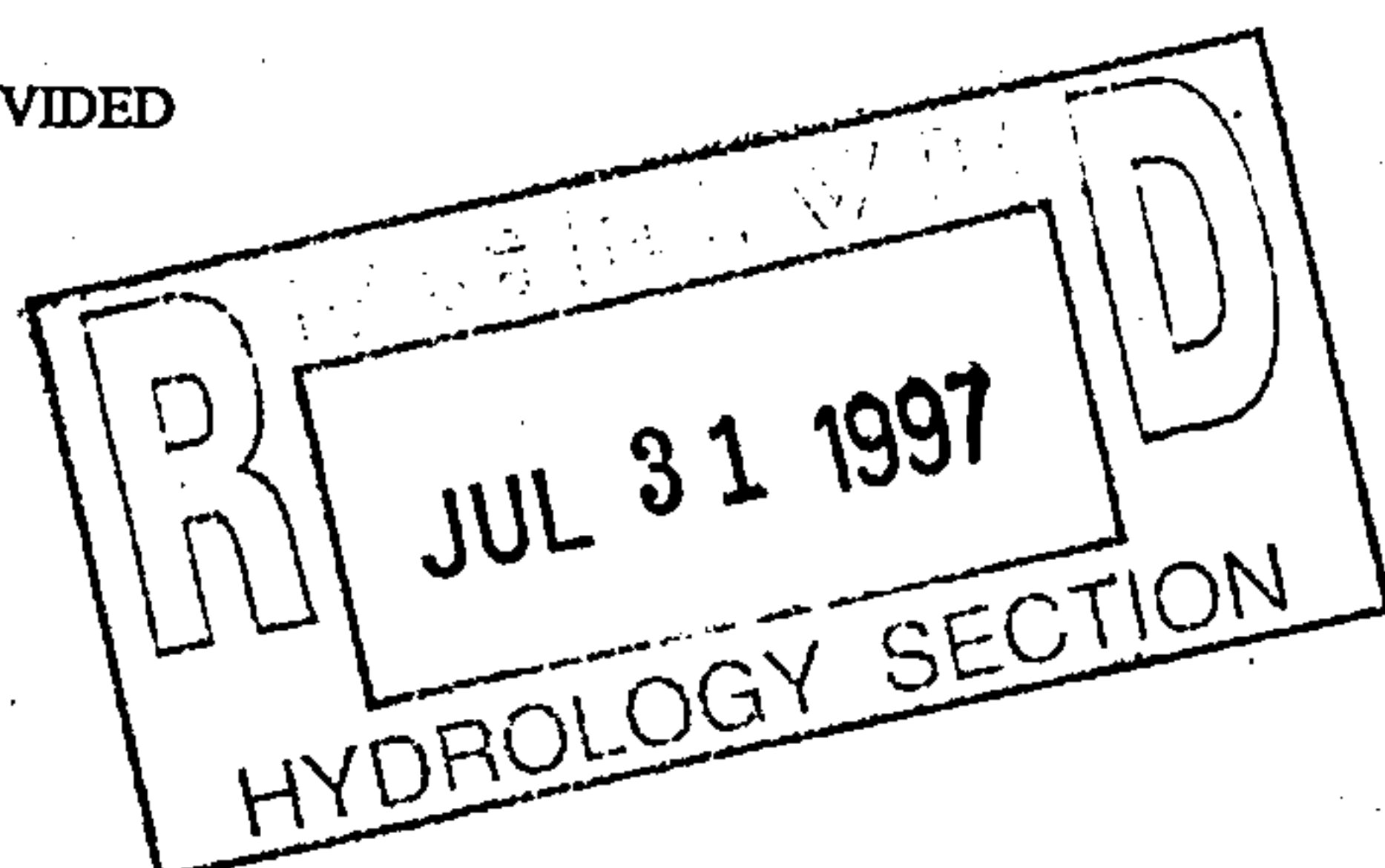
CHECK TYPE OF APPROVAL SOUGHT:

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

- ☐ 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)

PRE-DESIGN MEETING:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED



30 day temporary on
7/31/97
No letter of acceptance has
been issued yet



November 13, 1996

Martin J. Chávez, Mayor

Mark Burak
1512 Sagebrush Trail SE
Albuquerque, NM 87123

**RE: ROSES SOUTHWEST PAPER PHASE V (L14-D1C). GRADING AND DRAINAGE
PLAN FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED
NOVEMBER 5, 1996.**

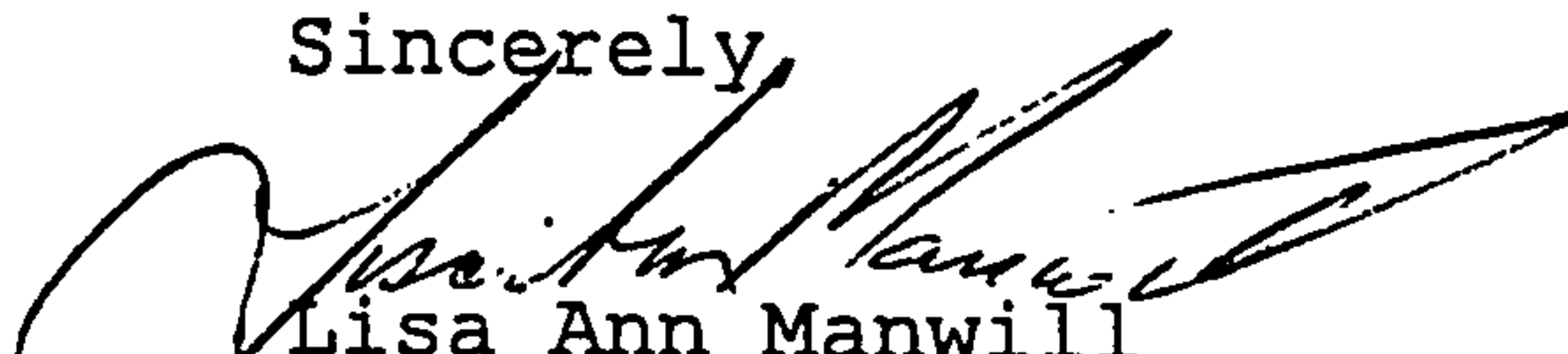
Dear Mr. Burak:

Based on the information provided on your November 5, 1996
submittal, the above referenced project is approved for Building
Permit.

Prior to Certificate of Occupancy approval, an Engineer's
Certification will be required.

If I can be of further assistance, please feel free to contact me at
768-3622.

Sincerely,



Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File



DRAINAGE INFORMATION SHEET

PROJECT TITLE: ROSES SOUTHWEST PAPER ZONE ATLAS/DRNG. FILE #: L-14/11C

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT C-1, SOUTH BARELAS INDUSTRIAL PARKCITY ADDRESS: 1801 2nd ST. SWENGINEERING FIRM: LIVINGSTON & ASSOC CONTACT: MARK BURAK
ADDRESS: 1200 INDIANA, ALAMOGORDO PHONE: 1512 SAGEBRUSH TR SE
ABQ NM 87123
296-0461

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: FLATOW MOORE SHAFFER McCADDE CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: E MAXWELL DOAK CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

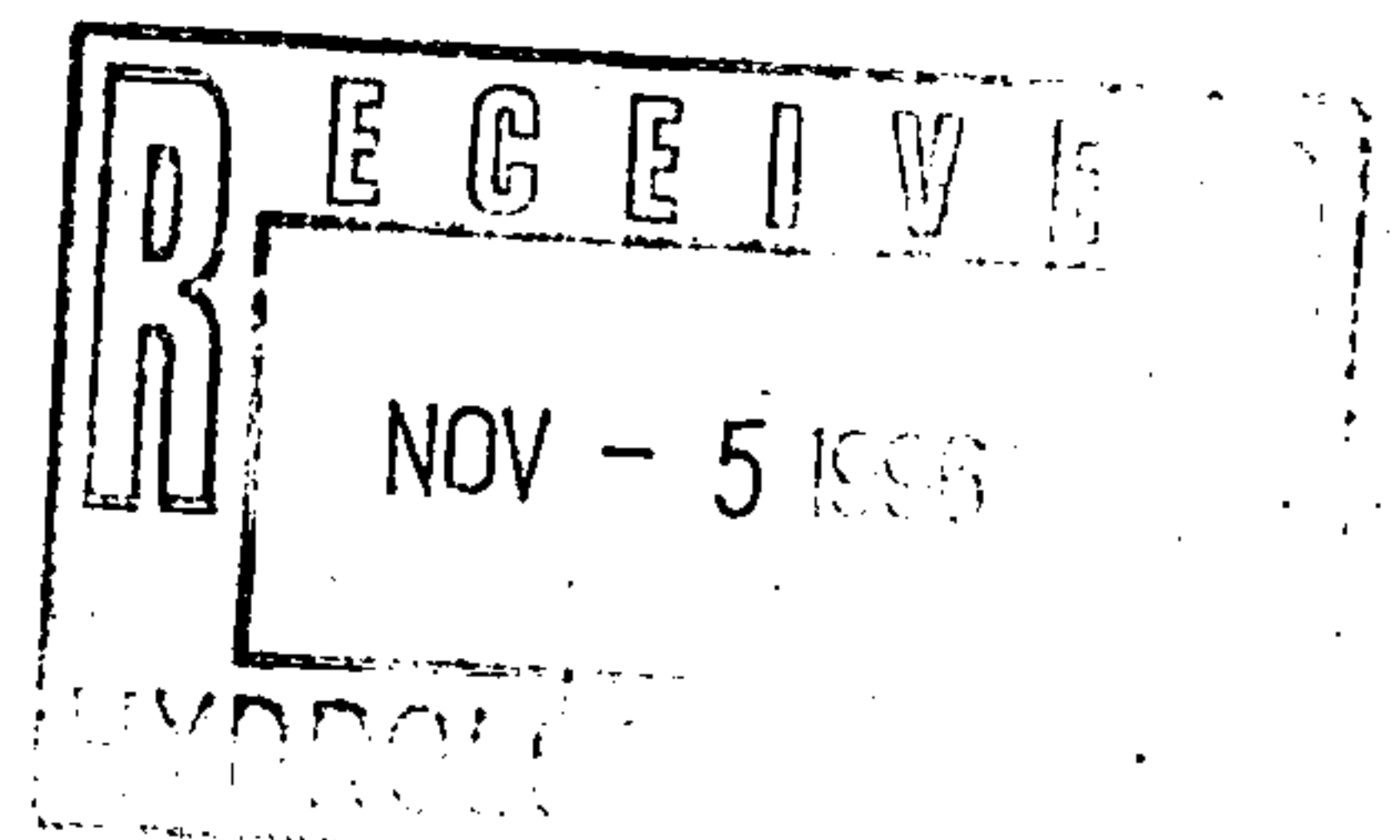
- ☒ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER _____

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
☐ SUBDIVISION CERTIFICATION
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 11/4/96BY: Mark Burak

DRAINAGE PLAN

For

Roses Southwest Papers, Inc. Phases V, VI, VII Additions

1701 2nd Street SW
Albuquerque, New Mexico

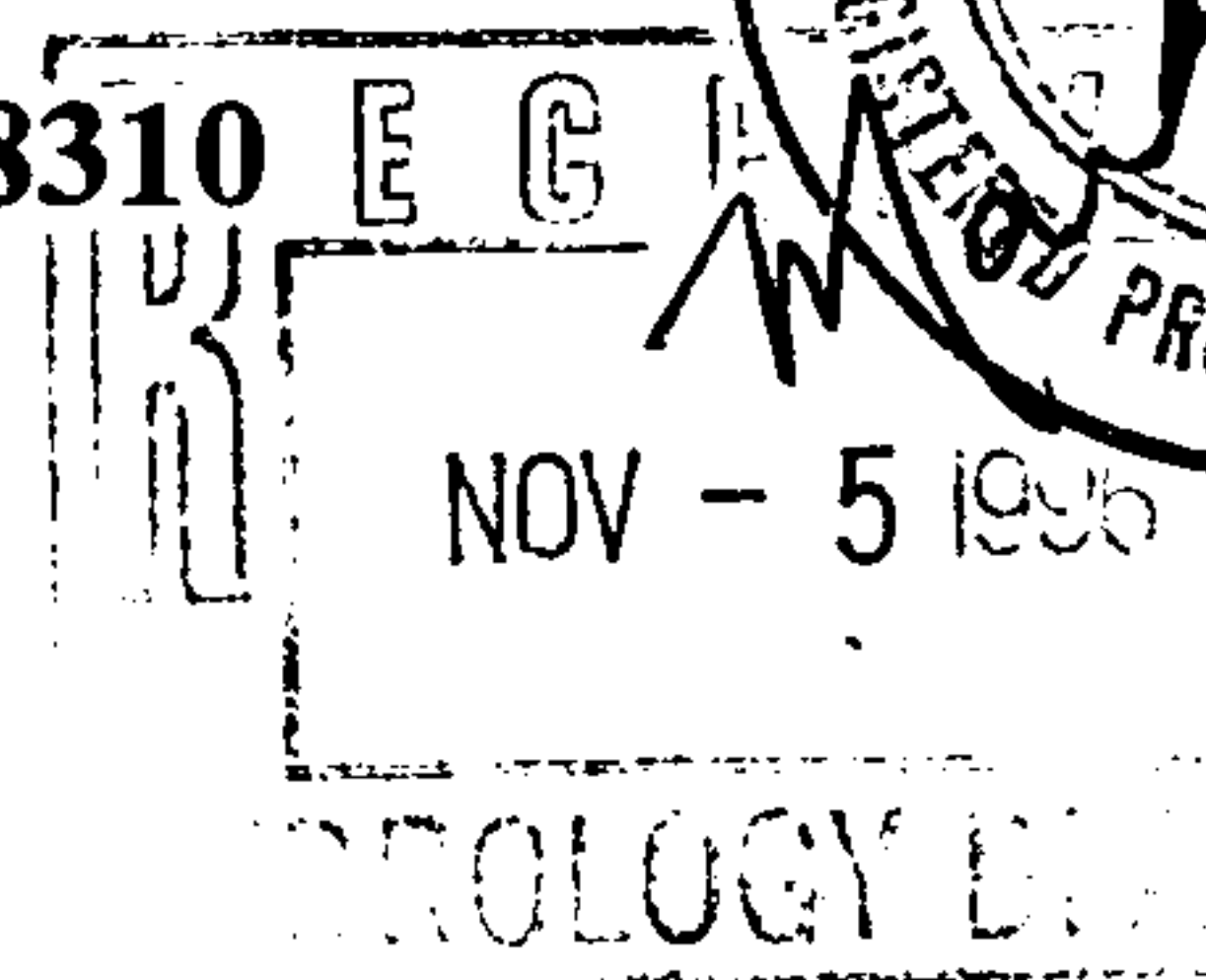
October 1996

Prepared For:

**Flatow Moore Shaffer McCabe
Architects Interior Designers
Landscape Architects Planners
Albuquerque, New Mexico**

Prepared By:

**Livingston and Associates, PC
1200 Indiana Avenue
Alamogordo, New Mexico 88310
(505) 439-8588**



Site Location - As shown by the Vicinity Map, the site at 1701 Second Street SW is located at the southwest corner of the intersection of Bridge Boulevard SW and Second Street SW. At present, the site is partially developed with a building and paving. Phases I through IV are currently complete. The vast majority of the surrounding area is also currently developed, thereby making this a modification to an existing site within an infill area. The proposed improvements consist of Phases V through VII which include building additions with adjacent asphalt paving and drainage facilities.

Legal Description - Tract C-1, South Barelás Industrial Park

Benchmark - Basis of elevation is R.B. Highway 58 BR#1, Published Elevation From City of Albuquerque Monument Book is 4941.45 feet. Basis of bearing is Northeast corner of Tract C-1 to Northwest corner of Tract C-1 is North 88 degrees 45 minutes 27 seconds West for 532.22 feet. Bearing and distance computed from plat record filed by E. Maxwell Doak, RLS.

Flood Zone - As shown by Panel 34 of 50 of the National Flood Insurance Program Flood Boundary and Floodway Maps for the City of Albuquerque, New Mexico, dated October 14, 1983, this site does not lie within a designated flood hazard zone. A designated 100-year flood hazard zone lies directly east of a portion of 2nd Street.

Existing Facilities - An adjacent storm drainage system crosses the property within the vacated Barelás Road extension between Bridge Boulevard and Fourth Street. The 24-inch storm drain system is currently under the acceptable design capacity throughout its entirety. Even though the peak flow rates generated by this site will not coincide with the far upstream reaches of the drainage system, it is not recommended that the system be fully utilized to drain the proposed development. The timing of the peak flow rates throughout the system will most likely ensure that the system's capacity will be exceeded throughout most rainfall events.

Proposed Facilities - It is recommended that all runoff associated with the proposed construction of Phases V, VI, and VII be detained on site to ensure that the current flooding situation within the area does not become exacerbated. This proposed detention will be in the form of a number of small sumps located within the paved parking and driveway areas. A Type "D" drop inlet will be located at the invert of each sump and will drain to the existing storm drain system. The drop inlets will drain through two separate 12-inch reinforced concrete pipes and will connect to the existing system. A portion of the Phase I through IV construction, Basin A, will continue to have free discharge to Fourth Street since no improvements are proposed in this area. The free discharge point is located within a few feet of an existing catch basin on Fourth Street thus ensuring rapid inclusion into the existing system. Basin B will continue to discharge freely onto Second Street. All other runoff generated on the site will be detained before being released into the Fourth Street storm drainage system.

Just phase 5

Proposed Grading - The Grading Plan located in the Appendix shows 1) existing and proposed grades indicated by spot elevations and contours at one foot intervals with continuity between existing and proposed grades; 2) the limit of existing and proposed improvements with phasing. As shown by this plan, runoff generated by Basin A drains from north to south and west onto Fourth Street via an existing drivepad. Runoff generated by Basin B drains from west to east onto Second Street via an existing drivepad. Second Street drains north to existing storm inlets located at the intersection of Second Street and Bridge Boulevard. Runoff generated on Basin C drains from north to south to a proposed Type D catch basin located adjacent to the eastern ramp structure. The grading and ramp structure will confine the runoff to the immediate area surrounding the catch basin. The potential ponding area associated with this inlet will be dependent on the available capacity of the existing downstream system. The 12-inch pipe will limit the outfall discharge to only three cfs due to the available slope and expected HGL at Fourth Street. Basin D will drain to three similar sump areas with catch basins before discharging into the Fourth Street System. Basin E will drain from east to west into the two remaining sumps. The proposed storm drainage system will run from south to north along the westerly property boundary to ensure that nearly all runoff generated on site will be captured. The only off-site flows impacting the site are from the El Modelo Restaurant and are included into the hydrologic calculations for Basin C.

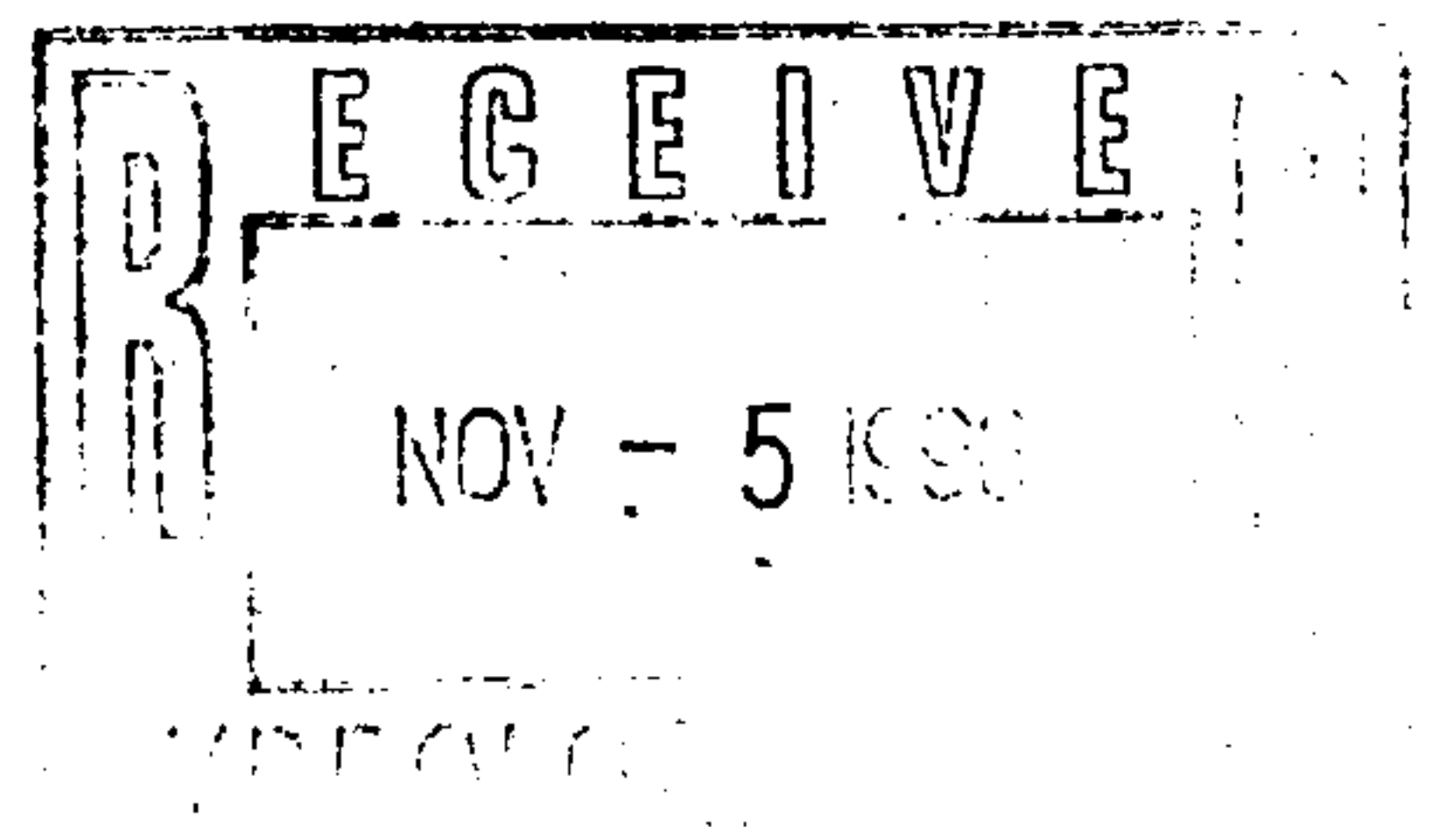
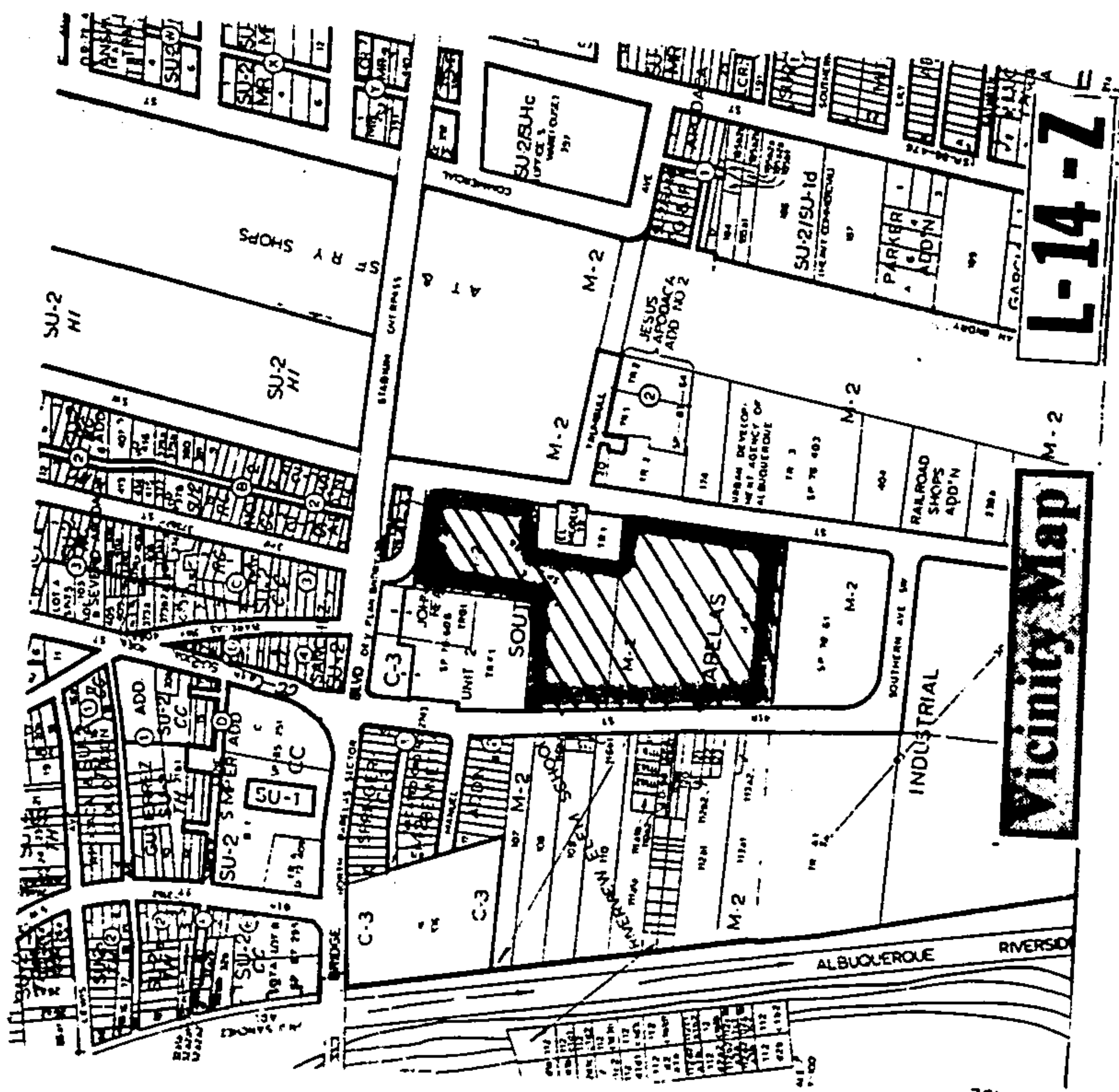
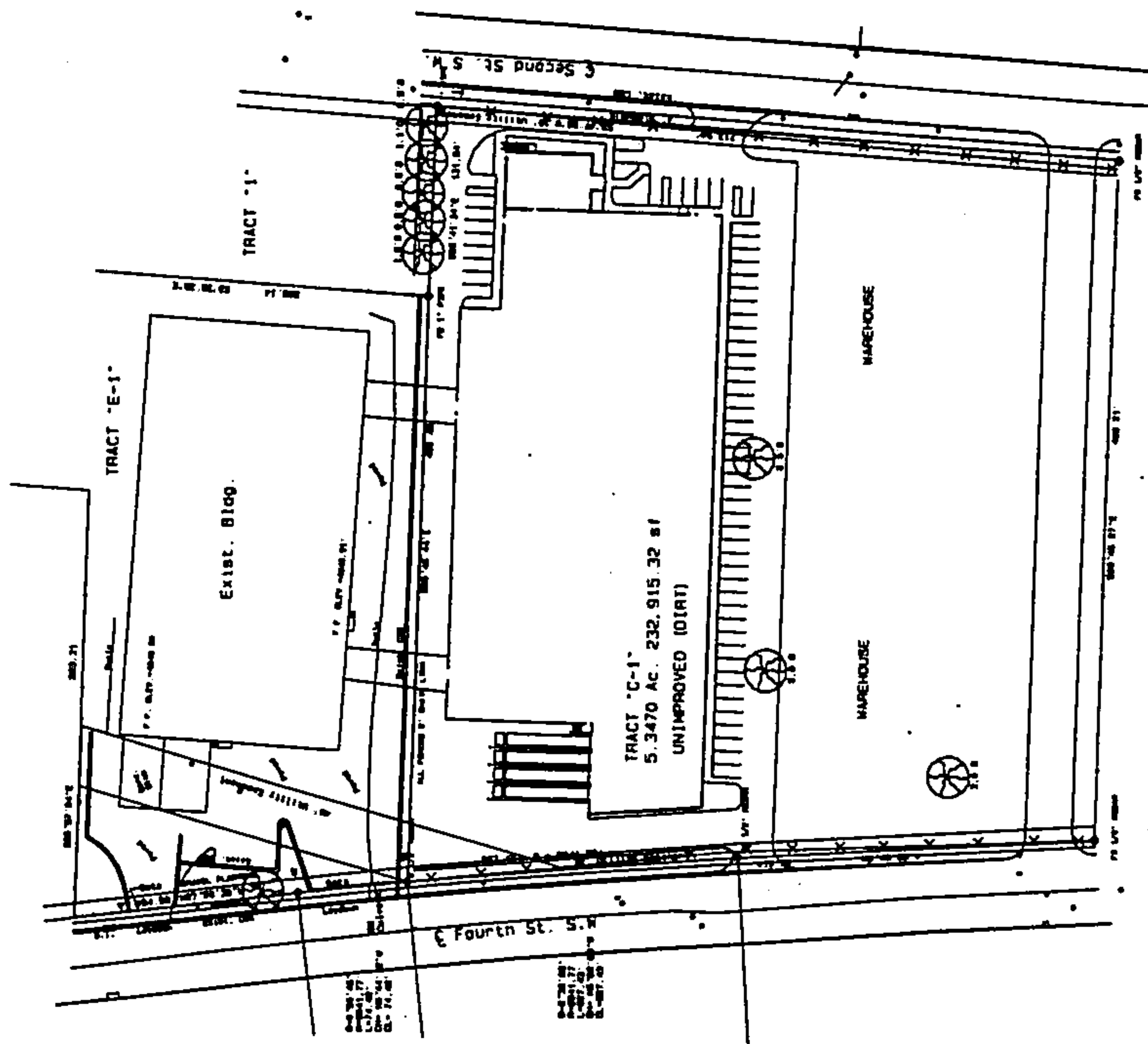
Hydrologic Methods - A drainage basin map is included in the appendix. The site was broken into five separate subbasins A through E to assess peak flow rates at various points within the project site. The calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The process outlined in the DPM, Section 22.2 was used to quantify the peak flow rates and volumes. As shown by these calculations, the proposed improvements will result in an increase in runoff generated by the site. The mitigation of this increase has been shown to provide significant reduction in the existing free discharge of runoff to Fourth Street, thus, in effect, reducing the local flooding potential in the immediate vicinity of the project site.

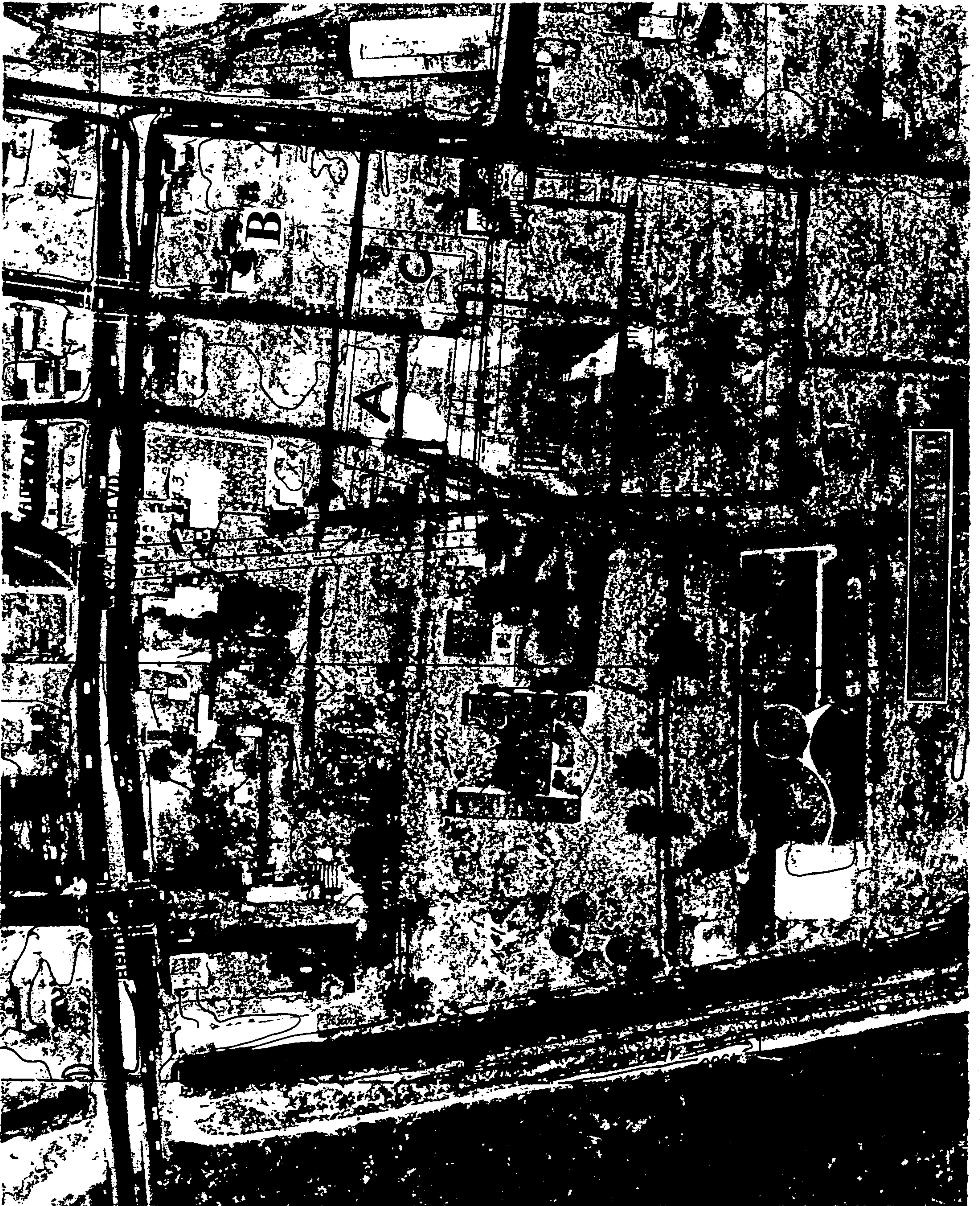
A spreadsheet for Precipitation Zone 2 is included in the Appendix. This spreadsheet outlines the peak runoff and volume generated for each subbasin for existing and proposed fully developed conditions.

Erosion Control Measures - The contractor shall ensure that no soil erodes from the site into public right-of-way or onto private property. This can be achieved by constructing temporary berms at the property lines and wetting the soil to keep it from blowing. The contractor shall promptly lean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down the street. The contractor shall secure "Topsoil Disturbance Permits" prior to beginning construction.

CONSTRUCTION NOTES:

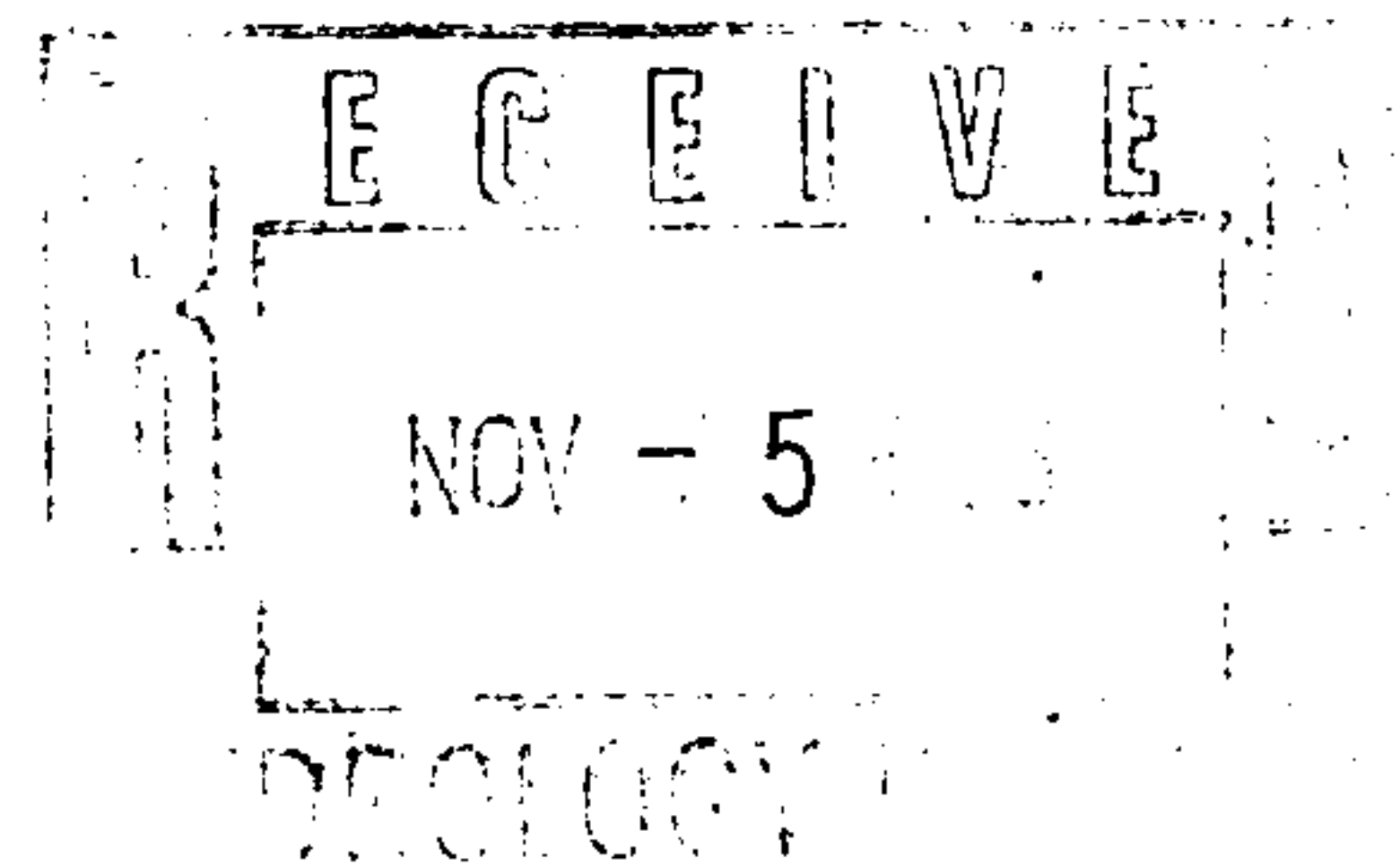
1. Two working days prior to any excavation, contractor must contact line locating service at 765-1234 for location of existing utilities.
2. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential obstructions. Should a conflict exist, the contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
3. All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules and regulations concerning construction safety and health.
4. All construction within public right-of-way shall be performed in accordance with applicable City of Albuquerque standards and procedures.
5. If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided by the owner of said utility, and the information may be incomplete or may be obsolete by the time construction commences. The Engineer has undertaken no field verification of the location, depth, size, or type of existing utility lines, pipelines, or underground utility lines, and makes no representation pertaining thereto, and assumes no responsibility or liability therefore. The contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of the work in advance of and during excavation work. The contractor is responsible for any and all damage caused by its failure to locate, identify, and preserve any and all existing utilities, pipelines, and underground utility lines. In planning and conducting excavation, the contractor shall comply with the state statutes, municipal and local ordinances, rules and regulations, if any, pertaining to the location of these lines and facilities.
6. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
7. Backfill compaction shall be according to ARTERIAL street use.
8. Maintenance of these facilities shall be the responsibility of the owner of the property served.





NOV - 5 1961

Hydrologic Calculations - COA DPM 22.2											
Roses Southwest Papers, Inc Fully Developed Conditions Through Phase VII											
Precipitation Zone 2	(Inches) P60				P360	P1440	P4days	P10days			
	2.01				2.35	2.75	3.3	3.95			
Excess Precipitation	(inches)										
	0.53	0.78	1.13	2.12	0.53	0.78	1.13	2.12			
Peak Discharge	(cfs/acre)										
	1.56	2.28	3.14	4.7	1.56	2.28	3.14	4.7			
Onsite Areas	Land Treatments - Existing Conditions					Land Treatments - Developed Conditions					
	A	B	C	D	Area (sf)	A	B	C	D	Area (sf)	
	0	0	0	55,600	55,600	0	0	0	55,600	55,600	
	0	5,500	0	36,400	41,900		5,500		36,400	41,900	
	0	10,500	30,000	65,300	105,800	0	10,500	0	95,300	105,800	
	0	0	64,000	26,400	90,400	0	0	0	90,400	90,400	
Subbasin E	0	0	141,300	0	141,300	0	0	0	141,300	141,300	
					435,000					435,000	
Onsite Discharge	Peak Flow Rate - Existing Conditions					Peak Flow Rate - Developed Condition					
	A	B	C	D	100 yr Q (cfs)	A	B	C	D	100 yr Q (cfs)	
	0.00	0.00	0.00	6.00	6.00	0.00	0.00	0.00	6.00	6.00	
	0.00	0.29	0.00	3.93	4.22	0.00	0.29	0.00	3.93	4.22	
	0.00	0.55	2.16	7.05	9.76	0.00	0.55	0.00	10.28	10.83	
	0.00	0.00	4.61	2.85	7.46	0.00	0.00	0.00	9.75	9.75	
Subbasin E	0.00	0.00	10.19	0.00	10.19	0.00	0.00	0.00	15.25	15.25	
Unattenuated Peak Flow Rate					37.62	Unattenuated Peak Flow Rate					46.05
Volume Six Hour	Runoff Volume - Existing Conditions					Runoff Volume - Developed Conditions					
	Six Hour Storm				100 yr V (cu-ft)	Six Hour Storm				100 yr V (cu-ft)	
	0	0	0	9,823	9,823	0	0	0	9,823	9,823	
	0	358	0	6,431	6,788	0	358	0	6,431	6,788	
	0	683	2,825	11,536	15,044	0	683	0	16,836	17,519	
	0	0	6,027	4,664	10,691	0	0	0	15,971	15,971	
Subbasin E	0	0	13,306	0	13,306	0	0	0	24,963	24,963	
					55,651					75,063	
Volume Ten Day	Runoff Volume - Existing Conditions					Runoff Volume - Developed Conditions					
	Ten Day Storm Event				100 yr V (cu-ft)	Ten Day Storm Event				100 yr V (cu-ft)	
					17,236					17,236	
					11,642					11,642	
					23,751					26,226	
					14,211					19,491	
Subbasin E					13,306					43,803	
					80,144	Volume Differential				38,252 cu-ft	118,397



STREET FLOWS

Manning's Equation for flow capacity in a street section.

Fourth Street at Bridge Blvd SW

Input variables:

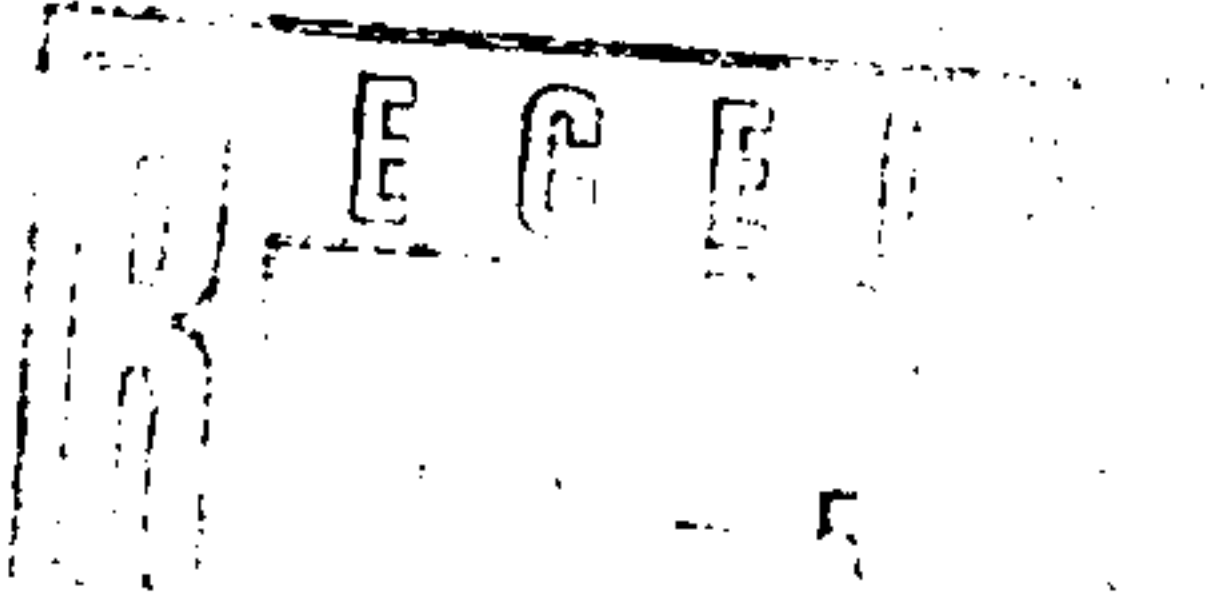
Flow depth, d	0.75 ft
Road width	50.0 ft
Crown height	0.48 ft
Street slope	0.50 %
Sidewalk width	4.0 ft
Curb height	9 in
Median width	0.0 ft
Rt back of walk	100.0 %
Lt back of walk	100.0 %

Output Parameters:

Capacity at d	83.5 cfs
@ top of curb	85.1 cfs
@ back of walk	100.9 cfs
Velocity at d	3.6 fps
V*d FACTOR.....	2.7
Gutter width	2 ft
Gutter depression	1.5 in
Asphalt lip	0 in
Manning's n	0.017

Note: Input 100% slope at back of walk for vertical walls.

BURAK



Input variables:

Normal depth, d 12 in
Pipe slope 0.0090 ft/ft
Pipe diameter 12 in
Manning's n 0.013

Output variables:

Capacity at d 3.38 cfs
Normal velocity 4.30 fps
Critical depth 10.78 in
Critical velocity 4.84 fps
Critical slope 0.009 ft/ft

WATER FLOW THROUGH ORIFICE
IN A RECTANGULAR CHANNEL

Flow depth, y	0.50 feet		
Grate open area, A	3.66 sq. ft.		
Grate Perimeter, P	10.00 feet	Weir flow.....	7.95 cfs
Clogging percentage.....	25 %	Orifice flow.....	10.43 cfs

1. Orifice condition depends on gate and gate size depth.
2. Equations from FHWA HEC-12 dated March, 1984.

BURAK



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 8, 1994

Jeff Mortensen
Jeff Mortensen & Associates
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

RE: ENGINEER CERTIFICATION FOR PHASE III & IV ROSES'S SOUTHWEST
PAPER CO. (L14-D1C) CERTIFICATION STATEMENT DATED 2/2/94.

Dear Mr. Mortensen:

Based on the information provided on your February 3, 1994 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Associate

BJM/d1/WPHYD/7348

c: Inspector
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 25, 1992

Jeff Mortensen
Jeff Mortensen & Associates
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

RE: DRAINAGE PLAN FOR ROSE'S SOUTHWEST PAPER CO. PHASES III & IV
(L14-D1C) ENGINEER'S STAMP DATED 11/17/92.

Dear Mr. Mortensen:

Based on the information provided on your November 12, 1992 submittal, listed are some concerns that will need to be addressed prior to final approval:

1. We will require an encroachment agreement for encroachment into the 40' utility easement.
2. Also, the Northwest corner of the building is too close to the easement line. If any work needs to be done within the easement the excavation may have an affect on the building footing.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Assistant

BJM/d1/WPHYD/7348

xc: File

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

881123

PROJECT TITLE: ROSES SOUTHWEST PAPER CO ZONE ATLAS/DRNG. FILE #: 414/DIC

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT E-1, SOUTH BARELAS IND. PARK

CITY ADDRESS: 1801 2ND ST SW

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

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

OWNER: ROSES SOUTHWEST PAPER CO CONTACT: _____

ADDRESS: 1701 2ND ST SW PHONE: _____

ARCHITECT: MARTHA PAPADOPOULOS CONTACT: JANE

ADDRESS: _____ PHONE: 296-7287

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN

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

CONTRACTOR: S&J ENTERPRISES CONTACT: _____

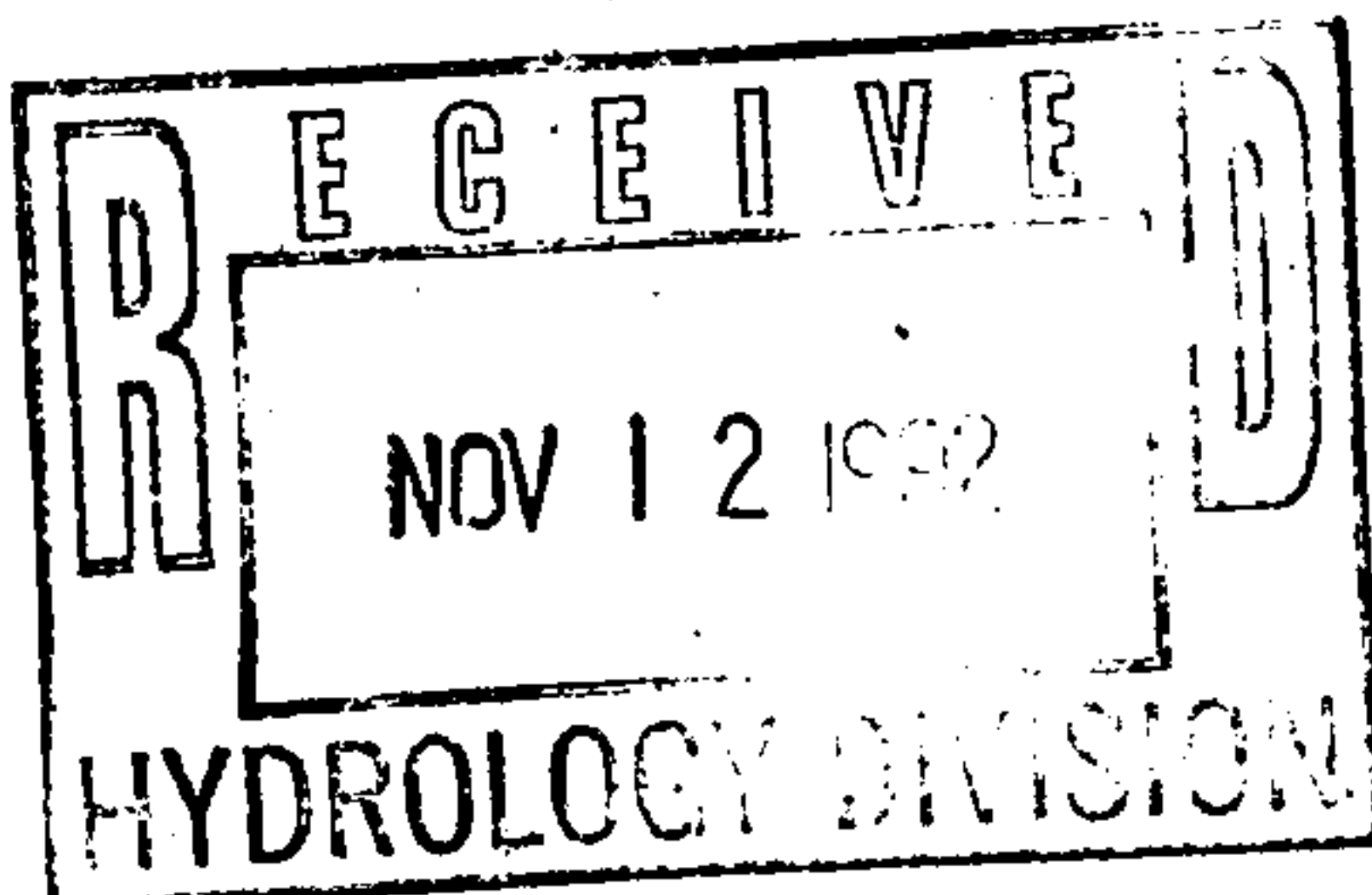
ADDRESS: 3535 PRINCETON NC PHONE: 884-6234

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: 11-11-92BY: JEFFREY G. MORTENSEN

FILE COPY



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 30, 1990

Jeff Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR AN ADDITION TO ROSE'S SOUTHWEST PAPER CO.
(L-14/D1C) ENGINEER'S STAMP DATED JULY 16, 1990 PHASE III

Dear Mr. Mortensen:

Based on the information provided on your submittal of July 17, 1990, the above referenced plan is approved for Building Permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Fred J. Aguirre
for Fred J. Aguirre, P.E.
Hydrologist

BJM:FJA/bsj
(WP+922)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

PROJECT TITLE: ROSE'S FARM ZONE ATLAS/DRAINAGE FILE # L14/DICLEGAL DESCRIPTION: TRACT E-1, SOUTH BARELAS INDUSTRIAL PARKCITY ADDRESS: 1701 2nd S.W.ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: LEONARD UTTERADDRESS: 6010-B MIDWAY PARK BLVD. N.E. PHONE: 345-4250OWNER: UNAVAILABLE CONTACT: ARCHITECT

ADDRESS: _____ PHONE: _____

ARCHITECT: S+J ENTERPRISES CONST. INC. CONTACT: MARTHA PAPADOPOULUADDRESS: 3535 PRINCETON DR. N.E. PHONE: 884-6234SURVEYOR: UNAVAILABLE CONTACT: ARCHITECT

ADDRESS: _____ PHONE: _____

CONTRACTOR: S+J ENTERPRISES CONST. INC. CONTACT: MARTHA PAPADOPOULUADDRESS: 3535 PRINCETON DR. N.E. PHONE: 884-6234

PRE-DESIGN MEETING:

☐ YES☒ NO☐ COPY OF CONFERENCE
RECAP SHEET PROVIDED

DRB NO. _____

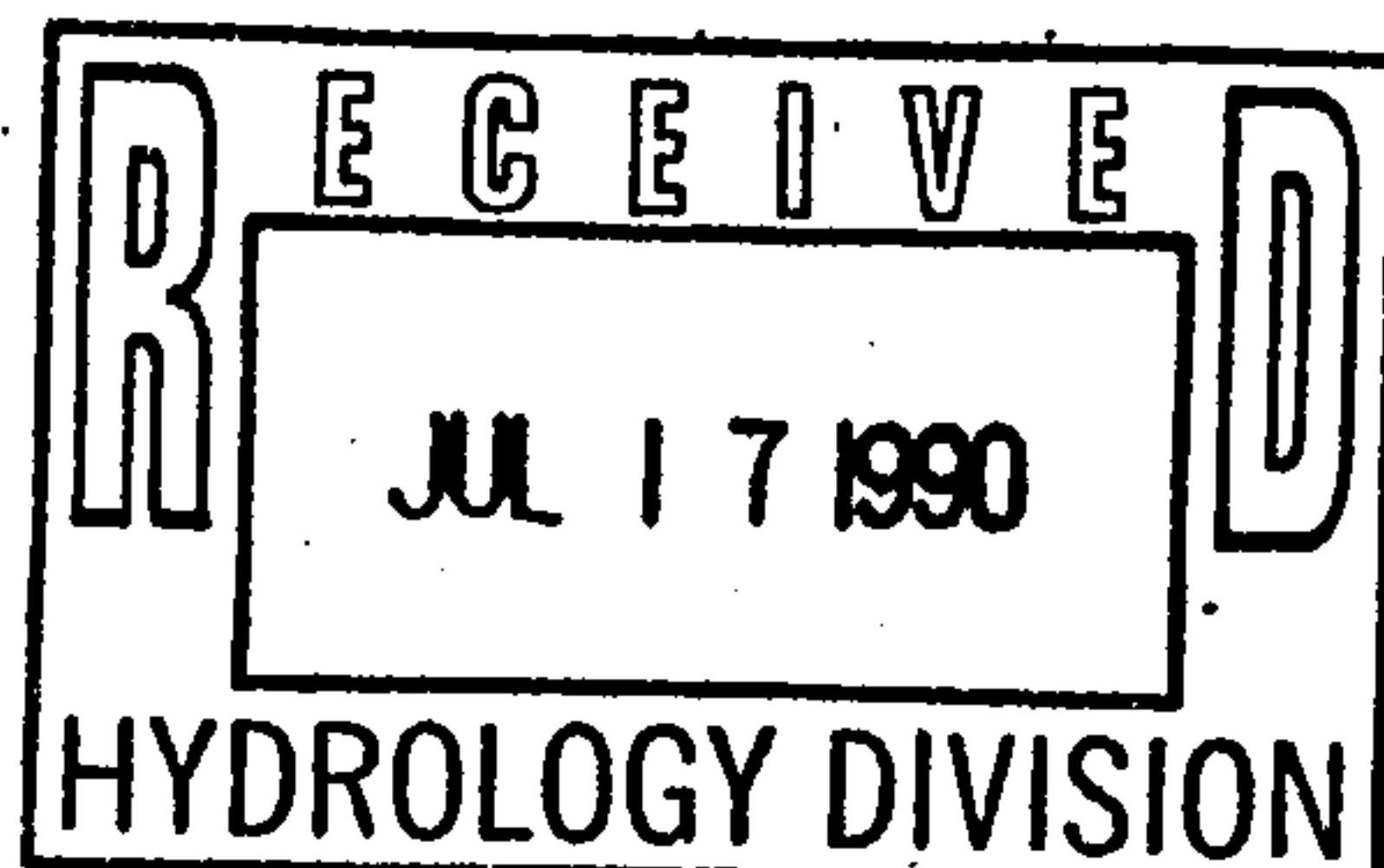
EPC NO. _____

PROJECT NO. _____

TYPE OF SUBMITTAL:

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

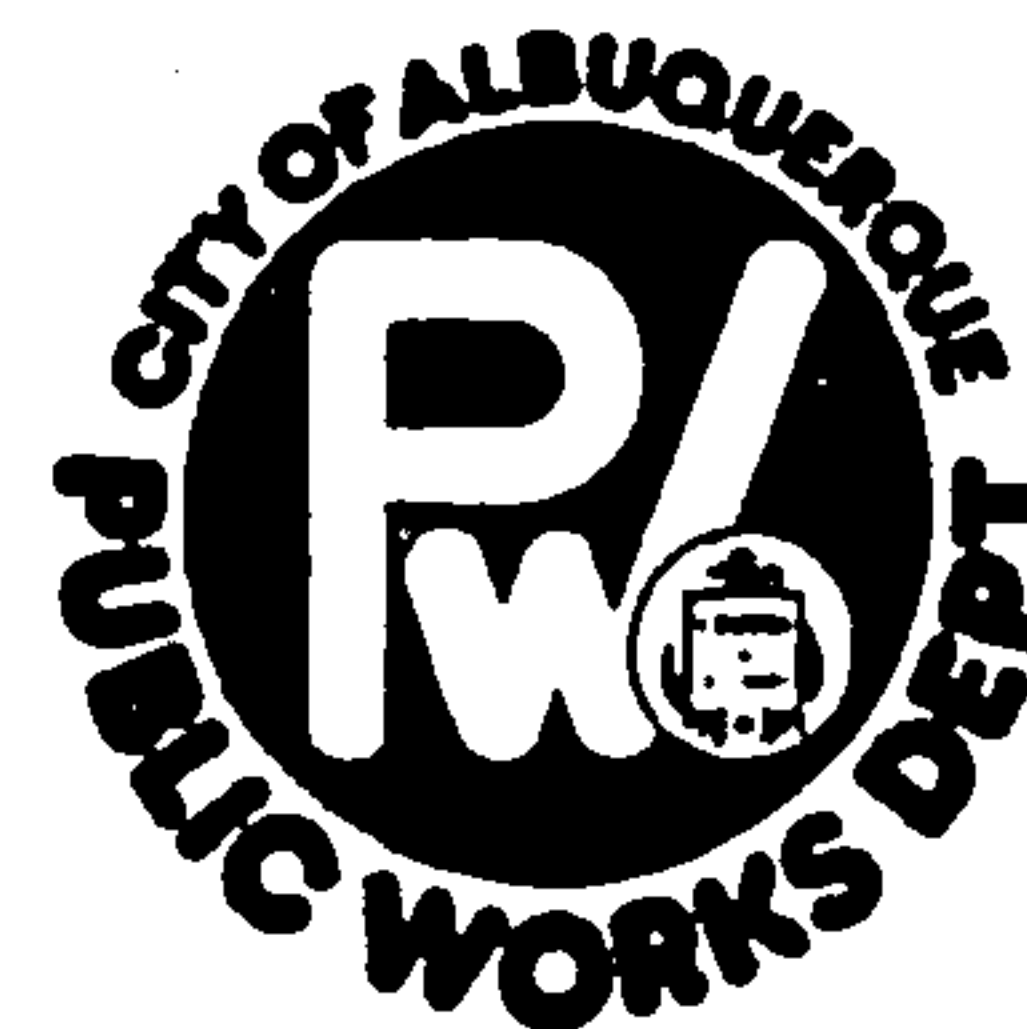
CHECK TYPE OF APPROVAL SOUGHT:

☐ SECTOR PLAN APPROVAL☐ SKETCH PLAT APPROVAL☐ PRELIMINARY PLAT APPROVAL☐ SITE DEVELOPMENT PLAN APPROVAL☐ FINAL PLAT APPROVAL☒ BUILDING PERMIT APPROVAL☐ FOUNDATION PERMIT APPROVAL☐ CERTIFICATE OF OCCUPANCY
APPROVAL☐ ROUGH GRADING PERMIT APPROVAL☐ GRADING/PAVING PERMIT APPROVAL☐ OTHER _____ (SPECIFY)DATE SUBMITTED: 07-17-90BY: Leonard Utter

FILE COPY

MEMORANDUM:

December 22, 1988



ENGINEERING GROUP

TO: Jacob Baca, Transportation System Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD *[Signature]*

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
ROSE'S SOUTHWEST PAPER COMPANY (L-14/D1C)

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment

FILE COPY



KEN SCHULTZ
MAYOR

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 1, 1988

Jeff Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR AN ADDITION TO ROSE'S SOUTHWEST
PAPER COMPANY (L-14/D1C) REVISION DATED NOVEMBER 15, 1988

Dear Mr. Mortensen:

Based on the information provided on your resubmittal of November 15, 1988, the above referenced plan is approved for Building Permit.

A separate permit is required for construction within City right-of-way. A copy of this approval letter will be needed when applying for the excavation permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Roger L. Green
for Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
xc: Becky Sandoval
(WP+922)

381121



KEN SCHULTZ
MAYOR

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 9, 1988

Jeff Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR AN ADDITION TO ROSE'S SOUTHWEST
PAPER COMPANY (L-14/D1C) RECEIVED OCTOBER 21, 1988

Dear Mr. Mortensen:

Based on the information provided on your submittal of October 21, 1988,
listed are certain concerns that need to be addressed prior to approval.

1. Location and direction of roof drains for both existing and proposed
buildings.

2. Your calculations indicate that you will have Basin C = 7.2 cfs +
off-site flows 2.33 cfs entering the proposed asphalt channel.

Total is 9.5 cfs which is much more than your street hydraulics
indicate. Please address. *Bernie, only part of Basin C (about 2/3)*

should enter the proposed asphalt channel, which results in $Q = 4.07 \text{ cfs}$. Adding

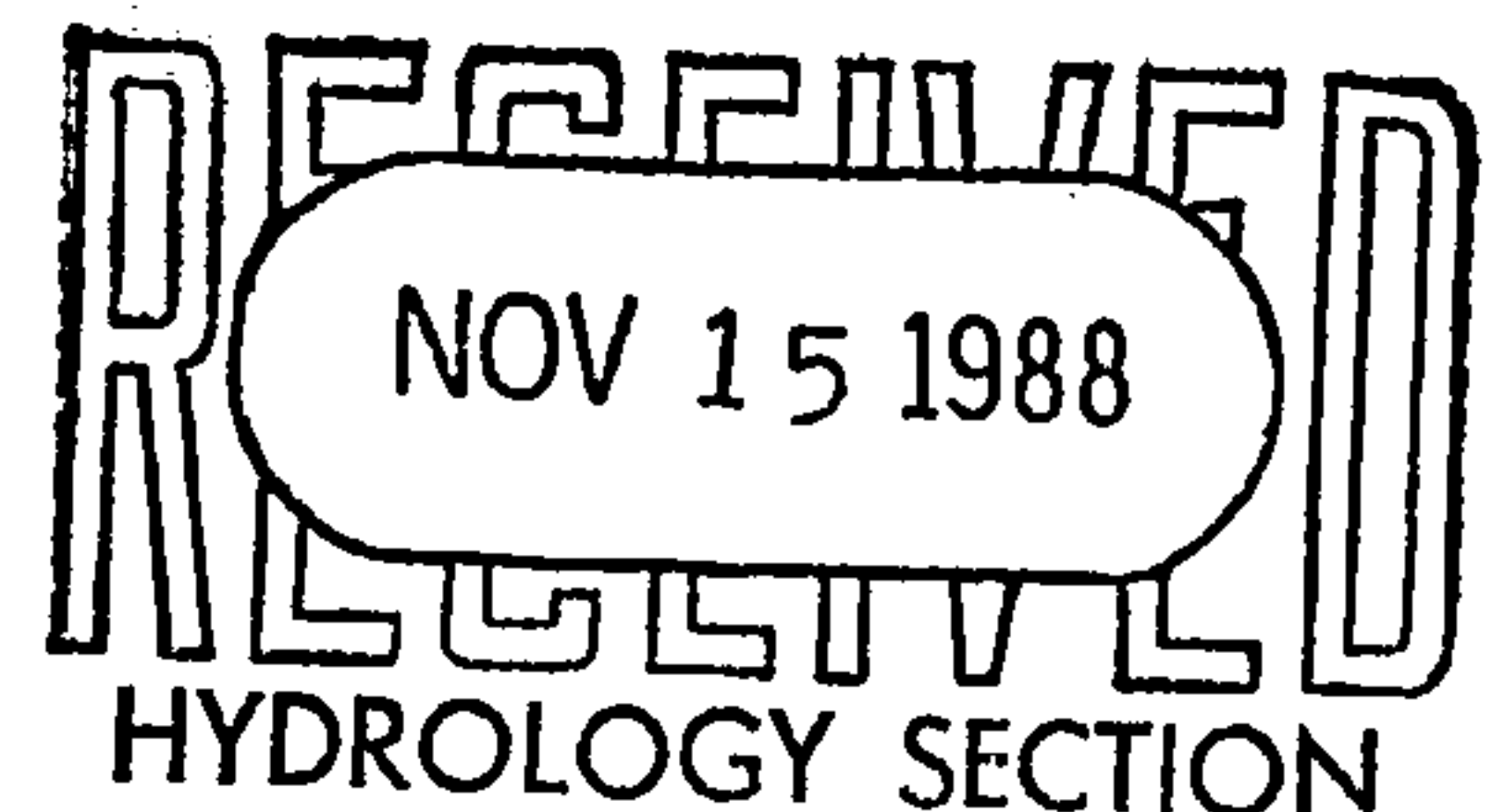
3. Where do Basins A and B drain to? *$Q_{\text{offsite}} = 2.33$ gives $Q_{\text{TOTAL}} 6.4 \text{ cfs}$.*

If I can be of further assistance, please feel free to call me at
768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+922)



DRAINAGE INFORMATION SHEET

PROJECT TITLE: ROSES' PAPER G&D ZONE ATLAS/DRNG. FILE #: L-14/DOIC
 LEGAL DESCRIPTION: TRACT E-1 SOUTH BARELAS INDUSTRIAL PARK
 CITY ADDRESS: 1701 2ND SW
JEFF MORTENSEN
 ENGINEERING FIRM: AND ASSOCIATES CONTACT: GUY JACKSON
 ADDRESS: 811 DALLAS NE PHONE: 265-5611
 OWNER: UNAVAILABLE CONTACT: CONTRACTOR
 ADDRESS: _____ PHONE: 884-6234
 ARCHITECT: MARTHA PAPADOPOULOS CONTACT: CONTRACTOR
 ADDRESS: 3535 PRINCETON PHONE: 884-6234
 SURVEYOR: UNAVAILABLE CONTACT: CONTRACTOR
 ADDRESS: _____ PHONE: 884-6234
 CONTRACTOR: S&J ENTERPRISES CONTACT: George Triandafidis
 ADDRESS: 3535 PRINCETON DRIVE PHONE: 884-6234

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY OF CONFERENCE RECAP
 SHEET PROVIDED

DRB NO. _____
 EPC NO. _____
 PROJ. NO. _____

TYPE OF SUBMITTAL:

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

RECEIVED
 NOV 15 1988
RECEIVED
 HYDROLOGY SECTION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☒ OTHER RE-SUBMITTAL (SPECIFY)

DATE SUBMITTED: 11.15.88

BY: Guy C Jackson

FILE COPY



KEN SCHULTZ
MAYOR

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 9, 1988

Jeff Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR AN ADDITION TO ROSE'S SOUTHWEST
PAPER COMPANY (L-14/D1C) RECEIVED OCTOBER 21, 1988

Dear Mr. Mortensen:

Based on the information provided on your submittal of October 21, 1988,
listed are certain concerns that need to be addressed prior to approval.

1. Location and direction of roof drains for both existing and proposed buildings.
2. Your calculations indicate that you will have Basin C = 7.2 cfs + off-site flows 2.33 cfs entering the proposed asphalt channel. Total is 9.5 cfs which is much more than your street hydraulics indicate. Please address.
3. Where do Basins A and B drain to?

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+922)

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Roses Paper G&D ZONE ATLAS/DRNG. FILE #: L-14/DIC
LEGAL DESCRIPTION: TRACT E-1 SOUTH BARELAS INDUSTRIAL PARK
CITY ADDRESS: 1701 2nd S.W.
ENGINEERING FIRM: JEFF MORTENSEN & ASSOCIATES CONTACT: J.G. MORTENSEN
ADDRESS: 811 DALLAS N.E. PHONE: 205-5611
OWNER: UNAVAILABLE CONTACT: CONTRACTOR
ADDRESS: _____ PHONE: 884-6234
ARCHITECT: MARTHA PAPADOPOULOS CONTACT: CONTRACTOR
ADDRESS: UNAVAILABLE PHONE: 884-6234
SURVEYOR: UNAVAILABLE CONTACT: CONTRACTOR
ADDRESS: _____ PHONE: SAME
CONTRACTOR: S&J ENTERPRISES CONTACT: George Triandafilidis
ADDRESS: 3535 PRINCETON DR NE PHONE: 884-6234

PRE-DESIGN MEETING:

☒ YES
☐ NO

☐ COPY OF CONFERENCE RECORD SHEET PROVIDED

RECEIVED
OCT 21 1988
HYDROLOGY SECTION

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED:

10-21-88

BY:

GT. C. JACKSONJy C. Jackson

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Rose's SW Paper Products ZONE ATLAS/DRNG. FILE #: L-14/D1C

LEGAL DESCRIPTION: Tracts D & E, South Barelbas Industrial Park

CITY ADDRESS: 1701 Second Street SW

ENGINEERING FIRM: Hall Engineering CONTACT: Richard Hall

ADDRESS: 337 Eubank NE Suite 103 PHONE: 292-1115

OWNER: Roses' Southwest Papers, Inc. CONTACT: Robert Espat

ADDRESS: --- PHONE: ---

ARCHITECT: The Ken Hovey Design Group CONTACT: Ken Hovey

ADDRESS: 3700 Simms Ave. SE PHONE: 255-4756

SURVEYOR: --- CONTACT: ---

ADDRESS: --- PHONE: ---

CONTRACTOR: s & J Enterprises CONTACT: ---

ADDRESS: 3300 Columbia Dr. NE PHONE: 884-6234

PRE-DESIGN MEETING:

☒ YES

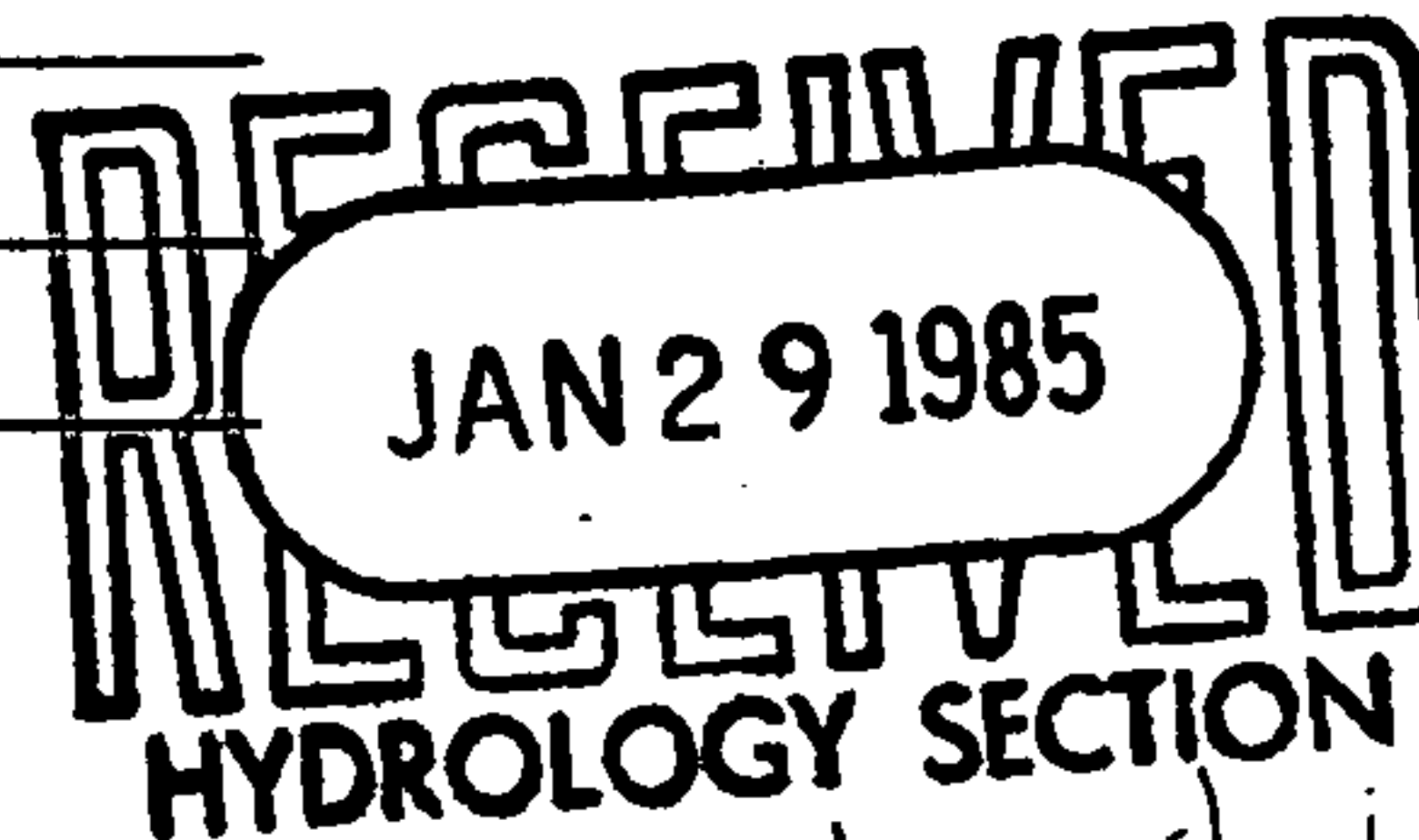
☐ NO

☐ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____

EPC NO. _____

PROJ. NO. _____



TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☒ GRADING PLAN

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CHECK TYPE OF APPROVAL SOUGHT:

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☐ FOUNDATION PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ (SPECIFY)

logged in on 2/4/85 due to fact that a vicinity map was not included on plan at time of 1st submittal

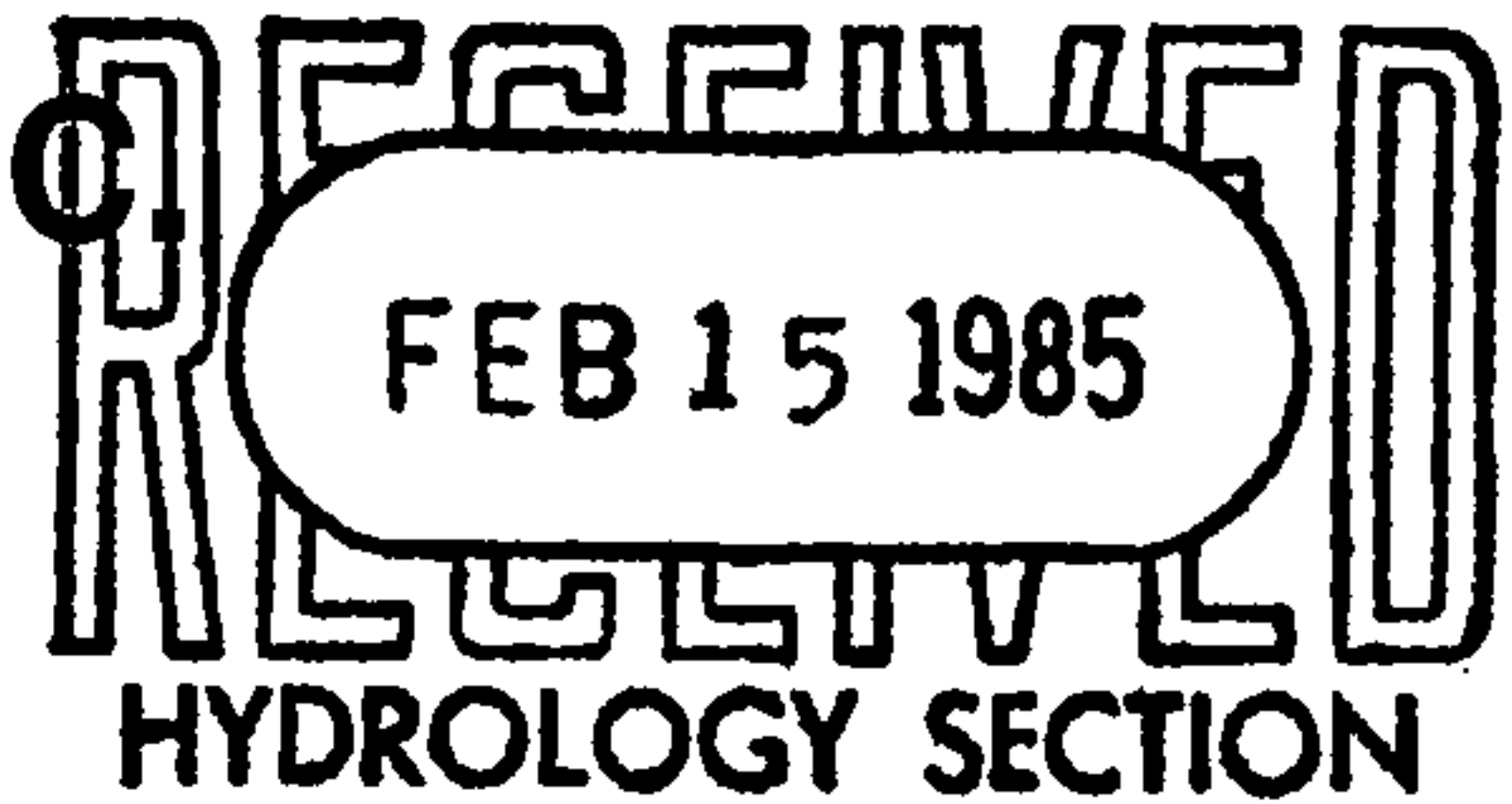
DATE SUBMITTED: 29 Jan. 1985

BY: _____



HALL ENGINEERING COMPANY INC.

337 EUBANK N.E., SUITE 103
ALBUQUERQUE, NEW MEXICO 87123
Phones: (505) 292-1115 & 292-1116



Mr. Billy Goolsby
Design Hydrology Section
123 Central NW
Albuquerque, NM 87102

Feb. 15, 1985

REF: GRADING AND DRAINAGE PLAN L-14 D1c

Dear Billy,

Enclosed is a downstream analysis and capacity of 4th street. There is sufficient capacity to justify free discharge of the entire drainage area. You can double check this information in the new office building of the MRGCD received in your office on Jan. 25, 1985 showing free discharge for the site of their new building to the south of this site. Thank you for your prompt attention.

Richard Hall PE 7918



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

June 12, 1985

Richard Hall
Hall Engineering
337 Eubank Boulevard, NE Suite 103
Albuquerque, New Mexico 87123

RE: SEDIMENTATION ON FOURTH STREET FOR ROSE'S SOUTHWEST PAPER
PRODUCTS (L-14/D1C)

Dear Mr. Hall:

Inspection of grading and drainage has shown that sedimentation from your site appears likely to Fourth Street through the west property line. We recommend some type of improvements such as gravel, sedimentation pond, or any means which you suggest that would eliminate sedimentation in Fourth Street. Also, the drop inlets in the direct path of runoff from the site indicates a need for sediment control.

If you have any questions or comments, please call me at 766-7644.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

CAM/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

April 26, 1985

Richard Hall
Hall Engineering
337 Eubank Blvd., NE Suite 103
Albuquerque, New Mexico 87123

RE: DRAINAGE/GRADING PLAN FOR ROSE'S SW PAPER PRODUCTS
(L-14/D1C)

Dear Mr. Hall:

The referenced plan dated January 29, 1985, is approved for building permit sign-off.

Please attach a copy of this approved plan to both sets of construction plans prior to Hydrology sign-off.

If you have any questions or comments regarding this project, please call me at 766-7644.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

CAM/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

February 20, 1985

Richard Hall
Hall Engineering
337 Eubank Blvd., NE Suite 103
Albuquerque, New Mexico 87123

RE: DRAINAGE PLAN FOR ROSE'S SW PAPER PRODUCTS (L-14/D1C)
RECEIVED FEBRUARY 15, 1985

Dear Mr. Hall:

I have reviewed the referenced submittal and forward these comments:

1. The plan is approved for a foundation permit.
2. Flows across lot lines are not permitted unless a drainage covenant is submitted to this office. The lot lines could also be removed by replatting.
3. An approved "Drainage Facilities within City Right-of-Way" document must be submitted prior to Hydrology sign-off.
4. The floodplain location is the 500 year flood boundary.
5. I was unable to locate number 8 of the keyed notes on the drawing.

If you have any questions or comments regarding this project, please call me at 766-7644.

Cordially,

Carlos A. Montoya
City/County Floodplain Administrator

CAM/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION



HYDROLOGY SECTION PROJ. NO. L-14 DATE: 10/19/84

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: Rose's Southwest Paper Products
Tracts D&E South Barajas Ind. Prk. Unit 1

WHO

REPRESENTING

ATTENDANCE: Richard Hall
Billy Goolsby

FINDINGS: ① Approved Drainage Plan required for
Hydrology sign-off.
② Discharge to public R/W recommended.
(2nd St, 4th St or both) Discharge rate
to be determined by analysis of down-
stream capacity.

* Please provide a copy of recap w/ submittal

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: Billy G. Goolsby SIGNED: Richard Hall

TITLE: CE/Hydrologist TITLE: Engineer

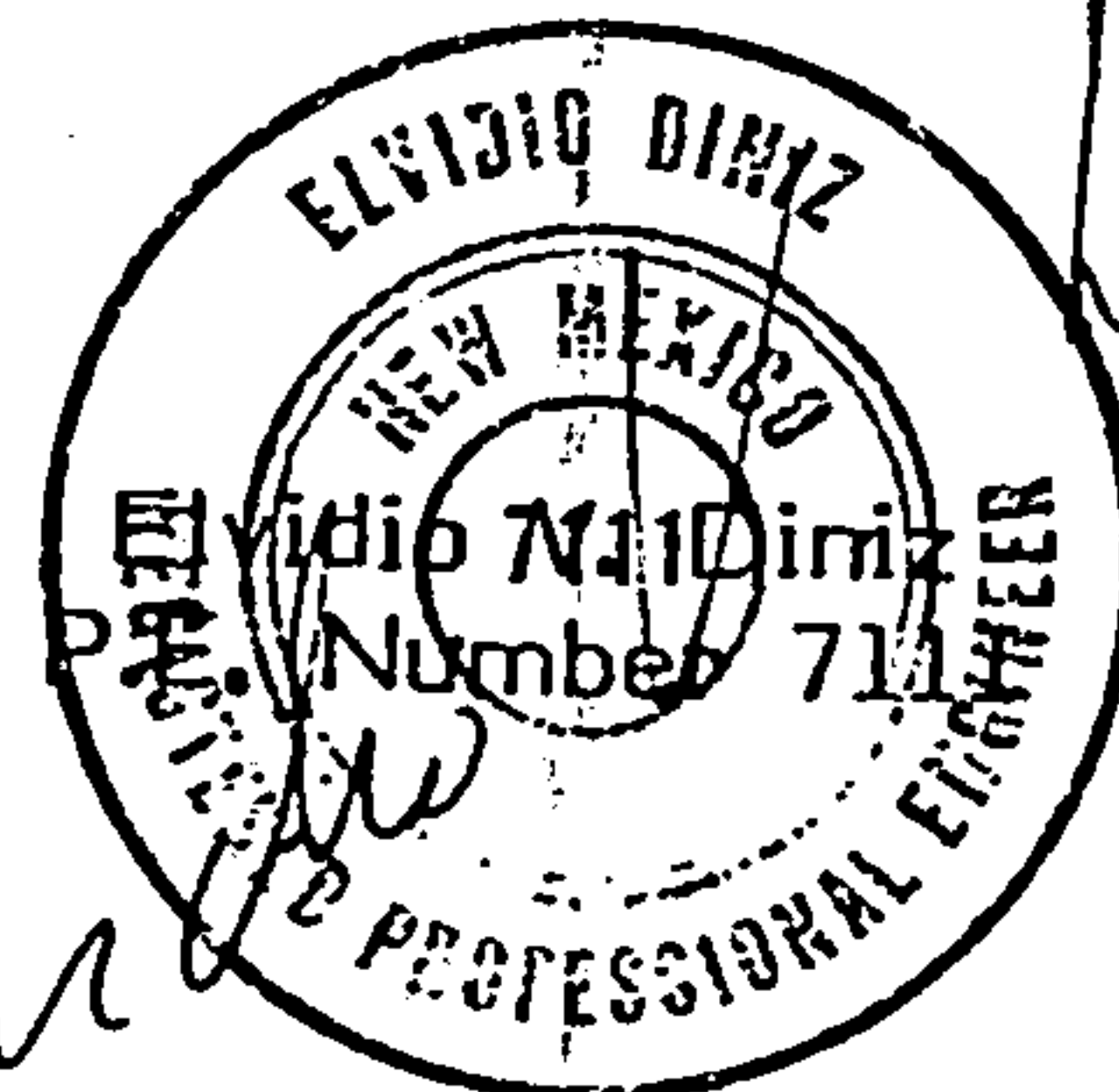
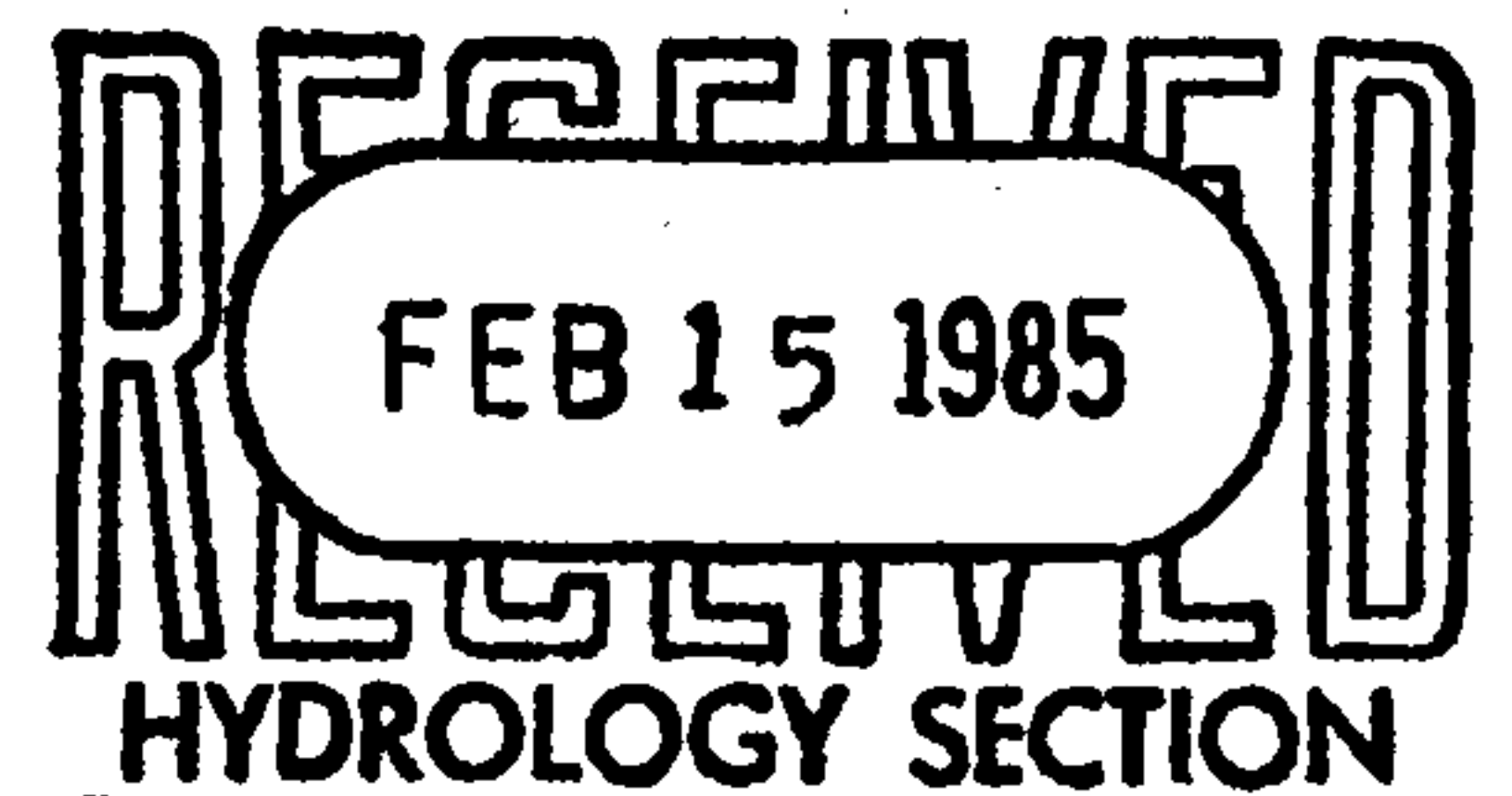
DATE: 10/19/84 DATE: 10/19/84

DRAINAGE STUDY
FOR A NEW OFFICE BUILDING
MIDDLE RIO GRANDE CONSERVANCY DISTRICT
ALBUQUERQUE, NEW MEXICO

prepared for
Boehning Protz Cook and Associates, P.A.
110 Second Street SW, Suite 500
Albuquerque, New Mexico 87102

by
E. V. Diniz, P.E.
S. K. Dell
Resource Technology, Inc.
7800 Marble Avenue NE, Suite 5
Albuquerque, New Mexico 87110

January 25, 1984



INTRODUCTION

The Middle Rio Grande Conservancy District (MRGCD) plans to construct a new office building on Tract C - South Barelás Industrial Park, Unit One. The building is being designed by the architectural firm of Boehning Protz Cook and Associates, P.A. This drainage report, prepared by Resource Technology, Incorporated (RTI), presents an analysis of existing and proposed drainage conditions on this tract. All topographic information for this analysis was provided by the MRGCD through Boehning Protz Cook and Associates.

This drainage analysis has been prepared in accordance with the criteria set forth in the City of Albuquerque Development Process Manual.

SITE LOCATION AND DESCRIPTION

The tract lies in southwest Albuquerque, north of Southern Avenue between Fourth Street and Second Street. The entire tract is about 460 feet wide and extends approximately 730 feet north of Southern Avenue as shown in Figure 1. However, only the southern third of the property is to be developed at the present time and this drainage report and grading plan will address only the affected area.

The property is generally sloping from the northeast corner to the southwest corner at approximately 1%. The southern section slopes more directly from east to west.

A soils report prepared by the U.S. Soil Conservation Service and entitled "Soil Survey of Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico", classifies this area in the Brazito soil series which falls within Hydrologic Soil Group A. Existing vegetation consists of grasses, weeds and several large trees. A copy of the soils map for this area is shown in Figure 2.

DRAINAGE ANALYSIS

Storm runoff was analyzed using the Rational Equation, $Q = CIA$. The study area was divided into the 3 subareas shown on Plate 1; and Table 1 shows the expected impervious area in each subarea. Values for the runoff coefficient, C , were obtained from the DPM Plate C-1. These values ranged from 0.16 for undeveloped conditions; to 0.25, 0.34 and 0.49 in the developed condition, corresponding to subareas A, B, and C, respectively.

The physical characteristics of the subareas and corresponding computations for the time of concentration, T_c , for each subarea are presented in Table 2. For the northeastern subarea (A), T_c was determined to be 19 minutes. In subarea B, the T_c was approximately 5 minutes; therefore, a default value of 10 minutes was used. T_c was determined to be 10 minutes for subarea C. Corresponding rainfall intensity values were obtained from DPM Plates D-1 and D-2. This information is shown in Table 3.

Off Site Flows

The property is bounded on three sides by paved roads with curbs and gutters which carry all existing on and off site flows to drain inlets at the intersection of Southern Avenue and Fourth Street, and on Second Street. Along the north boundary, runoff is directed southwest onto Fourth Street. Consequently, no off site flows will affect the building site.

On Site Flows

At present, runoff is in the form of surface sheet flow across the property with drainage onto Fourth Street where it is carried to the existing storm sewer inlets. The existing condition peak runoff rate, for the area being studied was determined to be 2 cfs for the 100-year rainfall, as shown in Table 4.

The northwestern half of the tract is not being developed at this time. Runoff from this subarea is presently draining onto Fourth Street where it is carried to the existing storm sewer inlets. As this area does not affect the

developed portion of the tract and the runoff is being adequately taken care of, flow from this area is not considered in this report.

The proposed drainage plan is to convey the runoff from the building and parking areas around the north side of the building and through the parking area in a V-shaped (triangular) asphalt channel, 3 inches deep and side slopes of 3 inches in 32 feet. The alignment for this channel will be the centerline of the circular parking area. Flow will then be carried to the nearest storm sewer inlet at the corner of Fourth Street and Southern Avenue through a grated inlet in the landscaped area at the southwest corner of the property. Runoff from the rest of the site (the landscaped area along Southern Avenue) will be carried along the south side of the building to the grated inlet in the southwest corner.

Because native vegetation landscaping is planned for the area, it would be desirable to hold as much water as possible on the site. This will be accomplished with a series of shallow ponds. These ponds will run along the south side of the property, which is all landscaped, and around the north side of the building, in the landscaped area between the building and the parking area. Each pond will be a depression of the landscaped area. The low point will be approximately 8 inches below the boundary sidewalk or at least 16 inches below the finished floor elevation, but the outlet will be only 4 inches above the low point. Therefore, only 4 inches of dead storage are possible (prior to any sedimentation); and 4 inches of temporary operating storage are available, if needed, before overflow at undesirable locations can occur. Also, the ponds will be graded such that, at a full depth of 8 inches of water, ponding will occur at least 10 feet away from any building wall. The proposed ponds and recommended low point elevations are also shown on Plate 1. This storage provides for supplemental water to landscaped areas only; when calculating the maximum flow rate to the grated inlet, storage in these ponds was not considered, and total runoff from all areas was assumed.

Calculation of runoff rates and volumes for existing conditions and the planned future condition are presented in Table 4. The expected 100-year flows for subareas A, B, and C are 2.4, 2.7 and 0.4 cfs, respectively. Although the peak flows from the 3 subareas will not be coincidental, the sum total of the three flows will be much lower than the capacities of the 3 ft. X 4 ft. grated

inlet (New Mexico State Highway Department Type II drop inlet), and the 12-inch diameter connector pipe to the storm sewer inlet. These computations are shown in Table 5.

GRADING PLAN

The proposed grades based on this drainage analysis are shown on Plate 1. Although the proposed floor elevation of 44.0 feet for the building is lower than the elevation of Second Street to the east, water in Second Street would have to flow over the curb before it could approach the building. This depth of water in Second Street is unlikely because Southern Avenue would drain away the water before it could build up on Second Street. To prevent water from Second Street from entering the parking area through the eastside driveway, the existing back of sidewalk elevation will be retained as a water block. Similarly, the back of sidewalk elevation along the Fourth Street driveway will be retained as a water block to confine all flows on site, and directed towards the grated inlet.

Also, the planned finished floor elevation is 8 inches above the adjacent landscaped areas, so that the site will have to be severely flooded (over 20 inches in the parking area) before water could enter the building. Again, this is very unlikely.

Flows from upstream (northeast) of the parking area will be diverted by the northern parking area curb into the islands that jut out into the parking area, and then released into the parking area through 4 in. X 4 in. cuts in the curbs forming the islands. This routing of flows will assist in increasing the amount of water available to the native vegetation which will be planted inside the islands. Similar to the ponding areas, this detention of flows was not accounted for in the sizing of the downstream discharge facilities.

Consequently, the proposed plan will be more than adequate to handle all flows generated by the project, with a large safety margin throughout. Future expansion of development at the site will reduce this safety margin. but the discharge structures will still remain capable of handling all flows resulting from full development of the entire site.

TABLE 1

TRACT BREAKDOWN

EXISTING CONDITIONS

Total area is undeveloped
at present

196,936 ft²

PROPOSED CONDITION

Area A

Impervious

parking lot
sidewalk

19,205

2820

22,025

Pervious

landscaped area
natural ground

10,364

84,958

95,322

Total Area

117,347 ft²

Area B

Impervious

building
parking lot
sidewalks

10,150

16,606

3,414

30,170

Pervious

landscaped area
natural ground

6751

6591

13,342

Total Area

43,512 ft²

Area C

Impervious

0

Pervious

landscaped area

18,964

Total Area

18,964 ft²

Note: 17,113 ft² will drain to Fourth Street after
development of tract.

TABLE 2

($> 3 \text{ ft/sec}$
to be
valid)

(plate 22.2
B-1 or 2)

NAME	AREA (acres)	LEN. - of flow path	MAXIMUM ELEV.	MINIMUM ELEV.	ΔH	SLOPE	Computed T_c (minutes)	Computed Velocity (ft/sec)	Overland/ Street flow Velocity (ft/sec)	Actual T_c (minutes)
UNDEVELOPED	4.52	868	46.06	40.1*	6.0	0.0069	9.7	1.49	0.47	31
A - impervious	0.51	35'	41.06	40.96	0.1	0.0029	—	—	1.50	0.39
A - pervious	<u>2.19</u>	590'	46.06	41.06	5.0	0.0085	—	—	0.53	18.73
A - Total	2.70	625'	46.06	40.96	5.1	0.0082	7.1	1.48	—	19.12
B - impervious	0.68	195	40.80	39.95	0.8	0.0041	—	—	1.70	1.91
B - pervious	<u>0.31</u>	150	43.8*	40.80	3.0	0.0200	—	—	0.85	2.94
B - Total	0.99	335	43.8*	39.95	3.8	0.0113	3.85	1.45	—	4.85
C - impervious	0.0									
C - pervious	<u>0.44</u>									
C - Total	0.44	415	45.16	39.62	5.54	0.0133	4.26	1.62	0.65	10.64

* INTERPOLATED FROM CONTOUR MAP

TABLE 3

NAME	AREA (acres)	FLOW DEPTH (in)			Intensity Factor (plate D-2)	Intensity (in/hr) (plate D-2)			% Impervious	"C" factor (plate C-1)
		100 yr	10 yr	2 yr		100 yr	10 yr	2 yr		
UNDEVELOPED	4.52	2.25	1.48	1.00	1.20	2.70	1.78	1.20	0	0.16
AREA A	2.70	"	"	"	1.55	3.49	2.29	1.55	19	0.25
AREA B	0.99	"	"	"	2.20	4.49	3.26	2.20	69	0.55
AREA C	0.44	"	"	"	2.20	4.49	3.26	2.20	1	0.17

TABLE 4

FLOW RATES & VOLUMES

	AREA (acres)	"C" factor (plate C-1)	i (Intensity)			Q (cfs)			Volume (ft ³)		
			100 yr	10 yr	2 yr	100 yr	10 yr	2 yr	100 yr	10 yr	2 yr
UNDEVELOPED	4.52	0.16	2.70	1.78	1.20	1.95	1.29	0.87			
AREA A	2.70	0.25	3.49	2.29	1.55	2.36	1.55	1.05	5878	3527	2449
AREA B	0.99	0.55	4.49	3.26	2.20	2.70	1.78	1.20	2985	1990	1761
AREA C	0.44	0.17	4.49	3.26	2.20	0.38	0.25	0.16	1747	1165	544

TABLE 5

INLET

$$Q = CLH^{3/2}$$

$$Q = 5.4 \text{ cfs}$$

$$C = 2.2$$

$$L = 2(3' + 4') = 14'$$

$$L_{\text{eff}} = 0.75 \times 14 = 10.5' \text{ for effect of bars}$$

$$H^{3/2} = \frac{5.4}{2.2} \times 10.5 = 0.234$$

$$H = 0.38 \text{ ft}$$

\therefore Inlet will not be submerged.

PIPE

$$h_L = f \frac{LV^2}{D2g}$$

$$f = 0.04$$

$$L = 15.5'$$

$$V = \text{area} \times Q = .79 \text{ ft}^2 \times 5 \text{ cfs} = 3.93 \text{ fps}$$

$$D = 1'$$

$$g = 32.2 \text{ ft/sec}^2$$

$$h_L = 0.15'$$

System

131

an cap. 11 cfs

X Section of Road

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Rose's SW Paper Products ZONE ATLAS/DRNG. FILE #: L-14/01d1c

LEGAL DESCRIPTION: Tracts D & E, South Barelbas Industrial Park

CITY ADDRESS: 1701 Second St. SW

ENGINEERING FIRM: Hall Engineering CONTACT: Richard Hall

ADDRESS: 337 Eubank NE Suite 103 PHONE: 292-1115

OWNER: Rose's Southwest Papers, Inc. CONTACT: Robert Espat

ADDRESS: --- PHONE: ---

ARCHITECT: The Ken Hovey Design Group CONTACT: Ken Hovey

ADDRESS: 3700 Simms Ave. SE PHONE: 255-4756

SURVEYOR: --- CONTACT: ---

ADDRESS: --- PHONE: ---

CONTRACTOR: S & J Enterprises CONTACT: ---

ADDRESS: 3300 Columbia Dr. NE PHONE: 884-6234

PRE-DESIGN MEETING:

☒ YES
☐ NO

☐ COPY OF CONFERENCE RECORD SHEET PROVIDED

RECEIVED
 15
FEB 14 1985
HYDROLOGY SECTION

DRB NO. _____
 EPC NO. _____
 PROJ. NO. _____

RECEIVED
JAN 29 1985
HYDROLOGY SECTION

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL *logged in on 2/4/85 because a vicinity map was not included*

☐ PRELIMINARY PLAT APPROVAL *on 1st submittal of 1/29/85*

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☐ BUILDING PERMIT APPROVAL

☒ FOUNDATION PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 28 Jan. 1985

BY: _____

I. Down Stream Analysis

A. Watershed Area - 435000 ft²

B. Watershed length - 850 ft

C. Watershed elevation difference - 6 ft

$$\text{Slope} = \frac{6}{850} = 0.0071 \text{ ft/ft}$$

$$D. T_c = 0.0078 \frac{L \text{ Exp } 0.77}{S \text{ Exp } 0.385}$$

$$= 0.0078 \frac{850^{0.77}}{0.007^{0.385}}$$

$$= 9.49 \text{ minutes}$$

E. Rainfall Intensity

$$I = 2.25 \times 6.04 \times 10^{-0.51}$$

$$= 4.75 \text{ inches/hour}$$

F. "C" Factor per recommendation by DPM

Industrial Districts, hydrology soil group "B" = 0.88

G. Peak Discharge Rational

$$Q = CIA$$

$$= 0.88 \times 4.75 \times \frac{435000}{43560}$$

$$= 41.7 \text{ cfs}$$

H. Road Capacity Plate 22.3 D-3

Fourth St. has 48 feet of paving

$\frac{1}{2}$ street capacity 25 cfs

Full street capacity 50 cfs

I. Existing Storm Sewer Capacity

11 cfs, system 131, L-14N
S-300 to S-301

J. Total Capacity

Road 50 cfs

Storm sewer 11 cfs

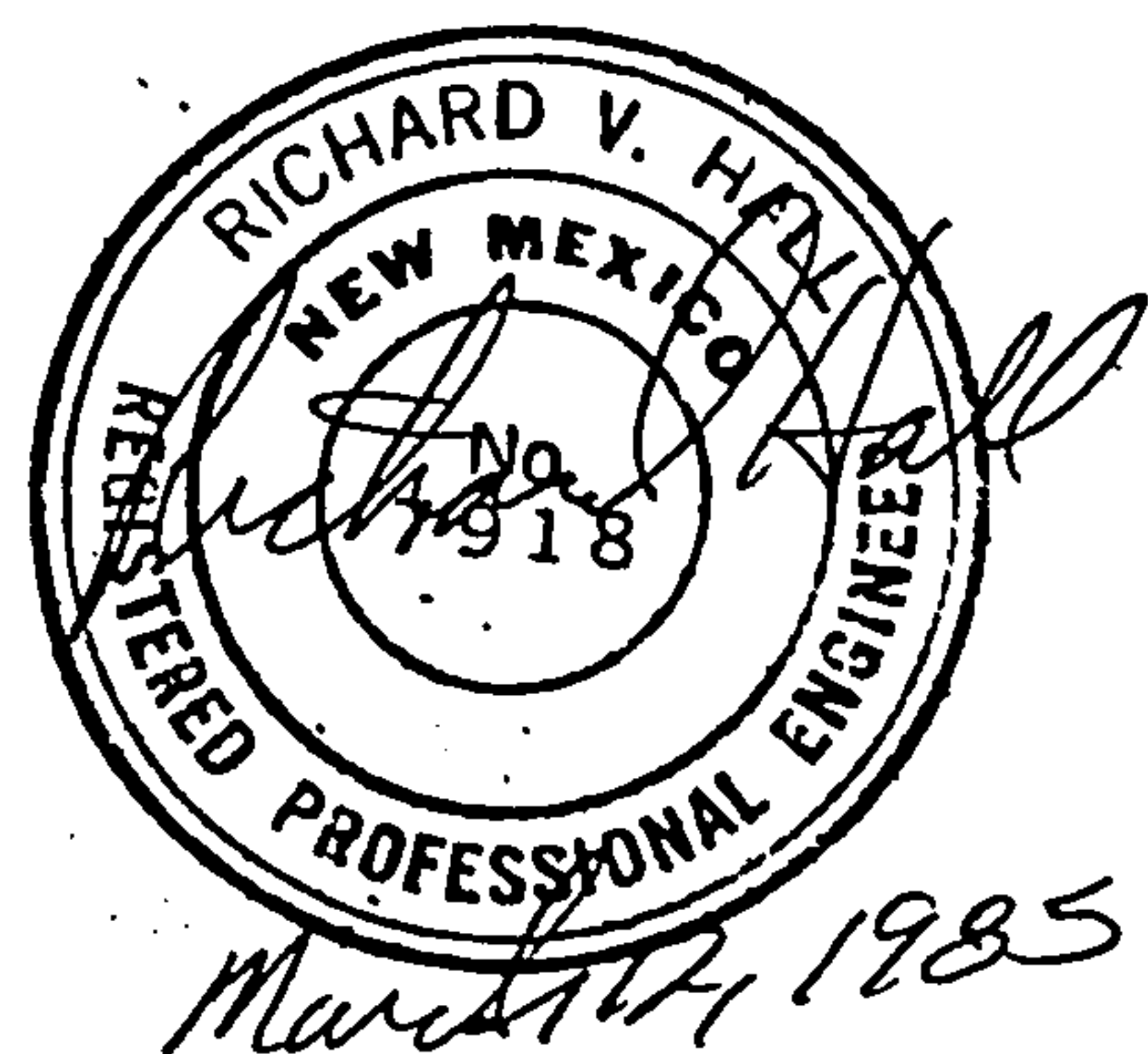
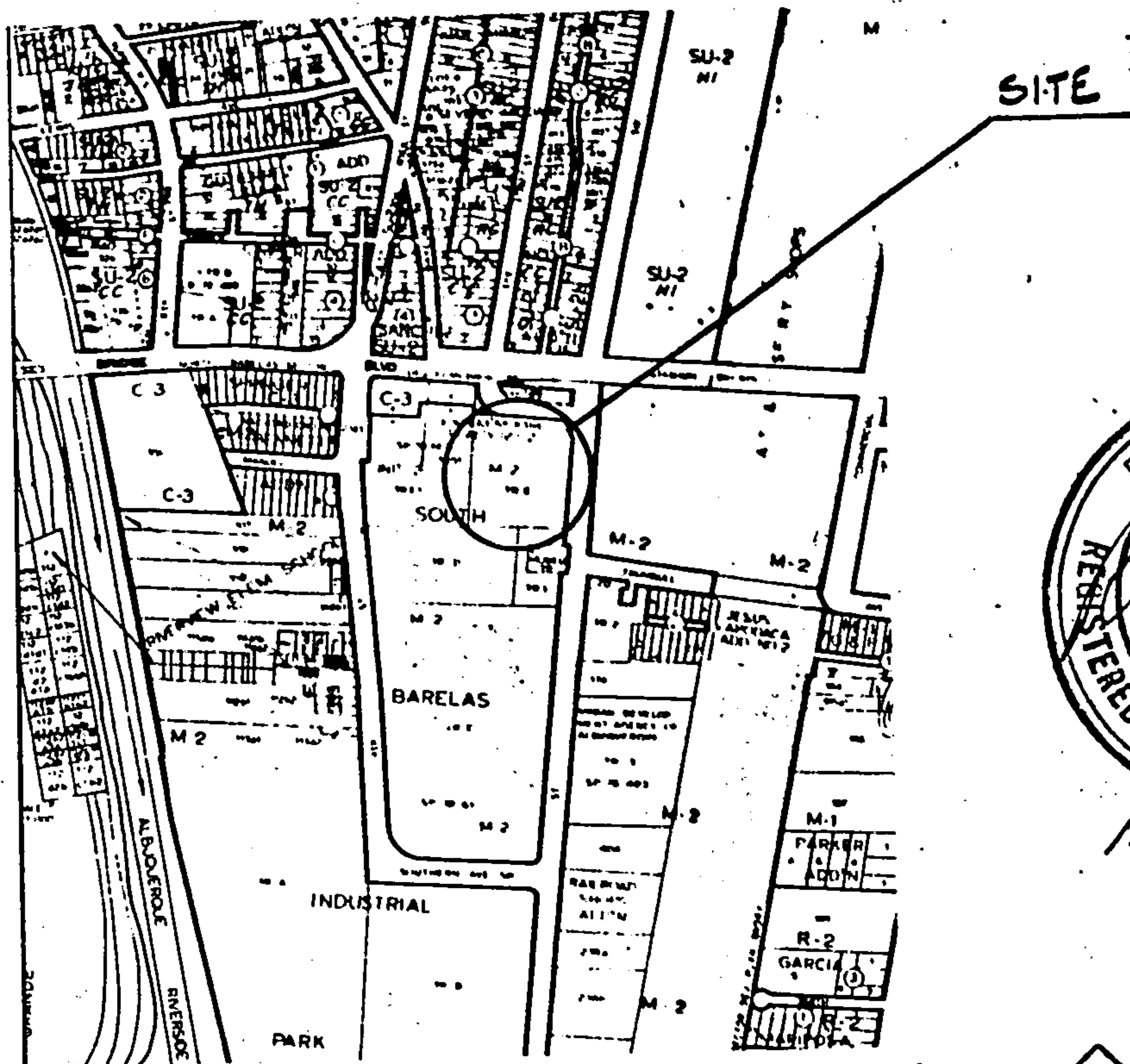
Totals 61 cfs > 41.7

Thus 61 cfs > 41.7 cfs, therefore the system has adequate capacity to handle rainfall run-off within the watershed area.

The run-off does not contribute to the 100 year flooding, however the entire site is situated within a designated 500 year flooding zone in accordance to Panel 34 50 of Floodway Flood Boundary and Floodway Maps of the City of Albuquerque, New Mexico.

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



VICINITY MAP ITS

LEGAL DESCRIPTION:

TRACT E
SOUTH BARELAS INDUSTRIAL PARK
UNIT ONE, BERNALILLO COUNTY

REFERENCE CITY DATUM:

BRASS TABLET STAMPED "10-K14" UNDER STANDARD CAST IRON "WATER" METER COVER
LOCATED AT THE JUNCTION OF 2ND STREET & ATLANTIC AVE SW ON CENTERLINE
OF 2ND STREET. 1ST OPFER. ELEVATION = 4948.262

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "Contract Documents for City-Wide Utilities and Cash Paving No. 85-1"
3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to arterial street use.

LA-DIC

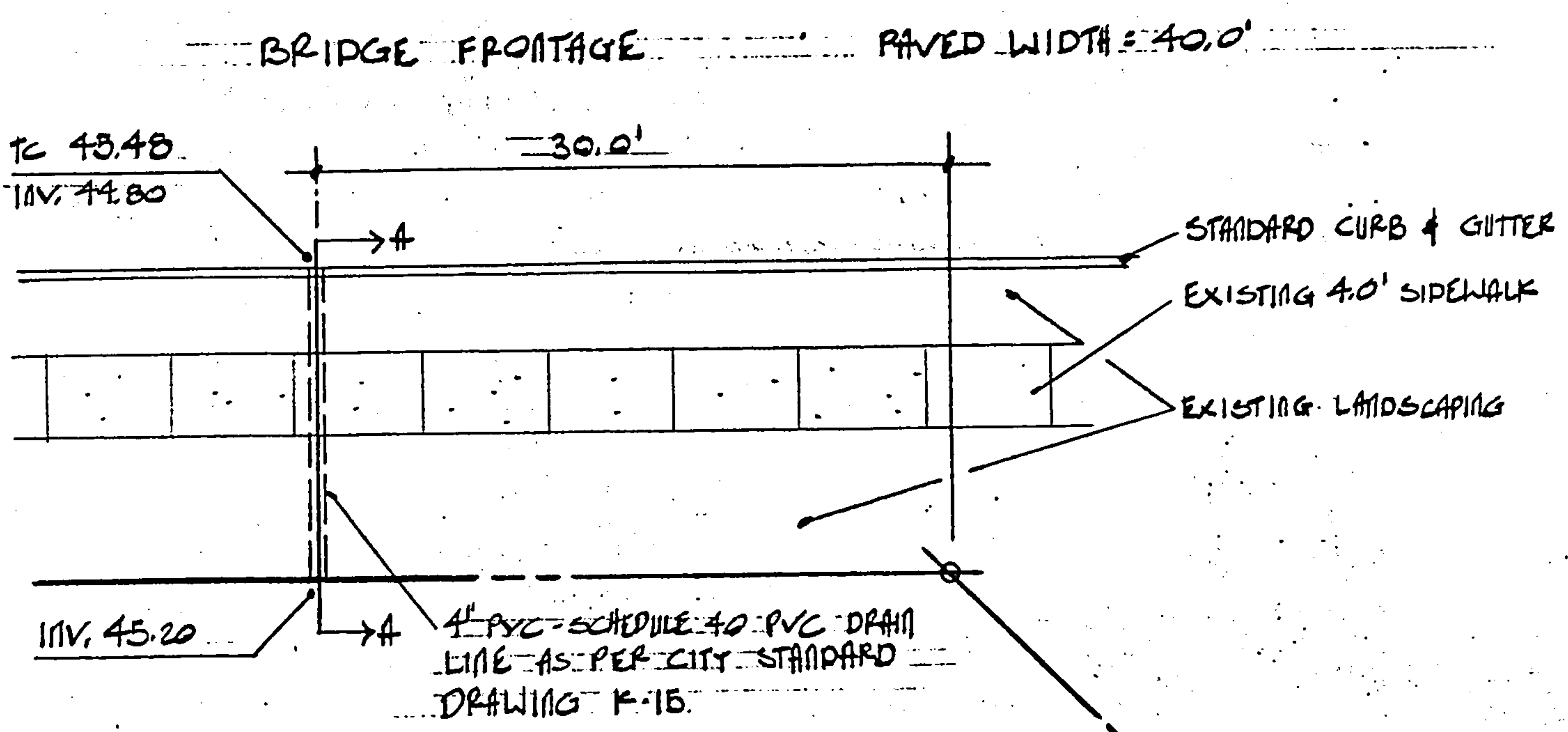
E-34

INTER-CON. CONSTRUCTION

APPROVALS	NAME	DATE	TITLE:
A.C.E./DESIGN	<i>[Signature]</i>	03/15/85	Rose's Southwest Paper Products 1701 Second Street SW Albuquerque, N.M.
INSPECTOR	D.S.		PERMIT NO. 20538
A.C.E./FIELD	<i>[Signature]</i>	6/13/85	SHEET 1 OF 2
			MAP NO. L-14

CITY OF ALBUQUERQUE

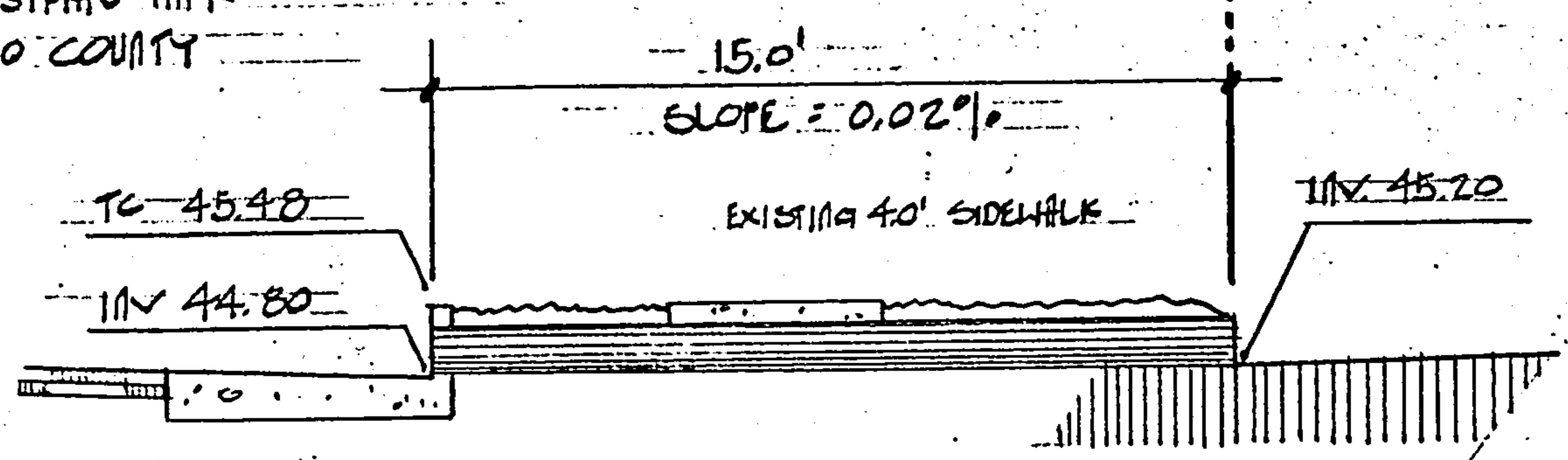
DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



NORTHEAST CORNER OF SITE 1"=10.0'

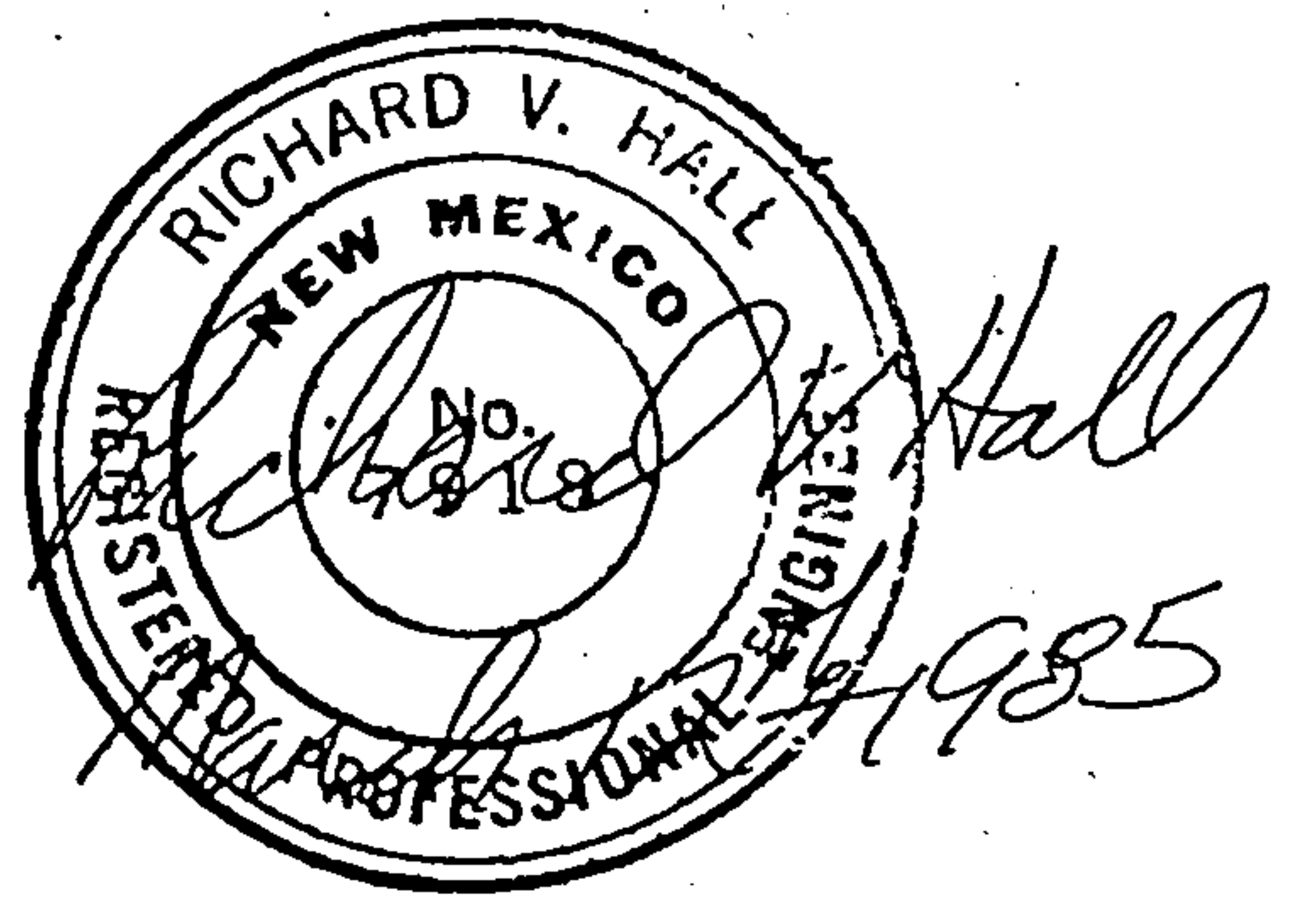
TEMPORARY BENCHMARK - TOP OF FIRE HYDRANT
SW CORNER TRACT 'D' SOUTH BARELAS
INDUSTRIAL PARK ELEV. = 4944.61

LEGAL DESCRIPTION
TRACT E
SOUTH BARELAS INDUSTRIAL PARK
UNIT ONE, BERNALILLO COUNTY



SECTION A-A NTS

REFERENCE CITY DATUM:
BRASS TABLET STAMPED "10-K14" UNDER
STANDARD CAST IRON "WATER" METER
COVER LOCATED AT THE JUNCTION OF
2ND STREET & ATLANTIC AVE SW ON
CENTERLINE ON 2ND STREET
1ST ORDER
ELEVATION = 4948.262



E-34

APPROVALS	NAME	DATE	TITLE: Rose's Southwest Paper Products 1701 Second Street SW Albuquerque, N.M.	
A.C.E./DESIGN	<i>[Signature]</i>	03/15/85		
INSPECTOR	D.S.		PERMIT NO. 20538 SHEET 2 OF 2	
A.C.E./FIELD	W.F. McNamara	6/13/85		
			MAP NO. L-14	