

December 2, 1997

Martin J. Chávez, Mayor

Larry Read, P.E.  
Larry Read & Associates  
P.O. Box 90233  
Albuquerque, NM 87199

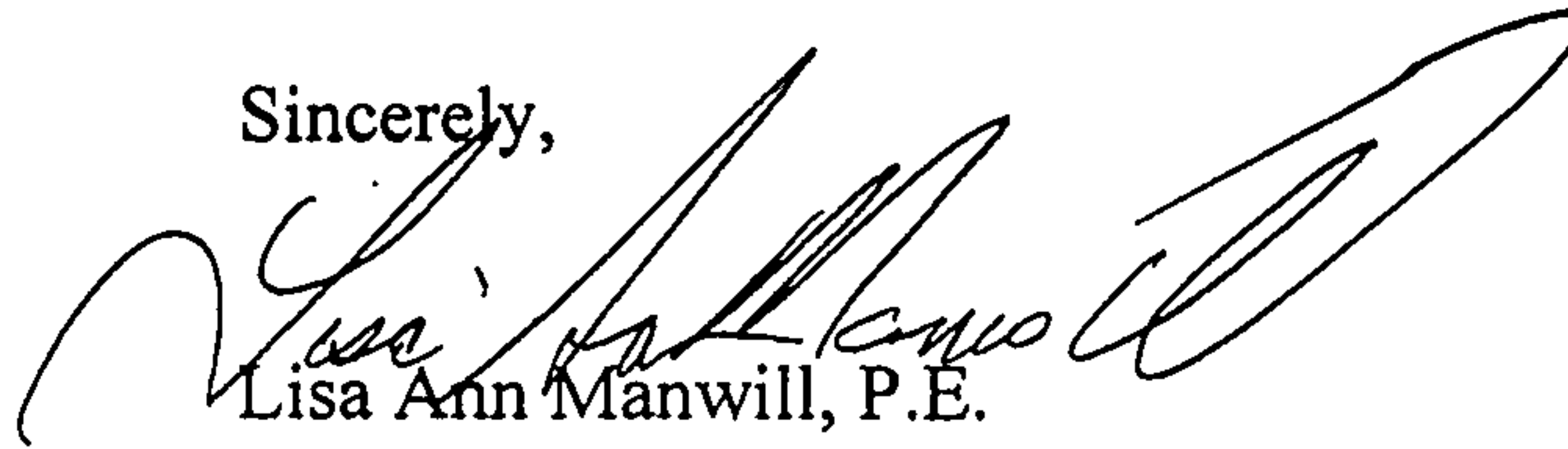
**RE: WAREHOUSE ADDITION (C17-D2A10). ENGINEER'S CERTIFICATION FOR  
CERTIFICATE OF OCCUPANCY APPROVAL. ENGINEER'S CERTIFICATION  
DATED NOVEMBER 7, 1997.**

Dear Mr. Read:

Based on the information provided on your November 3, 1997 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,



Lisa Ann Manwill, P.E.  
Hydrology

c: Andrew Garcia  
File



DRAINAGE INFORMATION SHEET

PROJECT TITLE: WAREHOUSE ADDITION ZONE ATLAS/DRNG. FILE: C-17-Z 1D 2410

LEGAL DESCRIPTION: LOT 18, & TRACT 'A-1, RICHFIELD PARK

CITY ADDRESS: 9016 WASHINGTON STREET NE

ENGINEERING FIRM: LARRY READ & ASSOCIATES CONTACT: LARRY READ

ADDRESS: P. O. BOX 90233 ALB, NM 87199 PHONE: 857-0863

OWNER: WAYNE USIAK CONTACT: WAYNE USIAK

ADDRESS: 9016 WASHINGTON STREET NE PHONE: 858-0180

ARCHITECT: BDA ARCHITECTS CONTACT: WAYNE USIAK

ADDRESS: 9016 WASHINGTON ST. N.E. PHONE: 858-0180

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PREDESIGN MEETING:

☐ YES  
☒ NO

DRB NO. \_\_\_\_\_  
EPC NO. \_\_\_\_\_

☐ COPY OF CONFERENCE RECAP SHEET

PROJECT NO. \_\_\_\_\_

PROVIDED

TYPE OF TRANSMITTAL:

☐ DRAINAGE REPORT

☐ DRAINAGE PLAN

☐ PRELIMINARY GRADING AND DRAINAGE

☐ 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

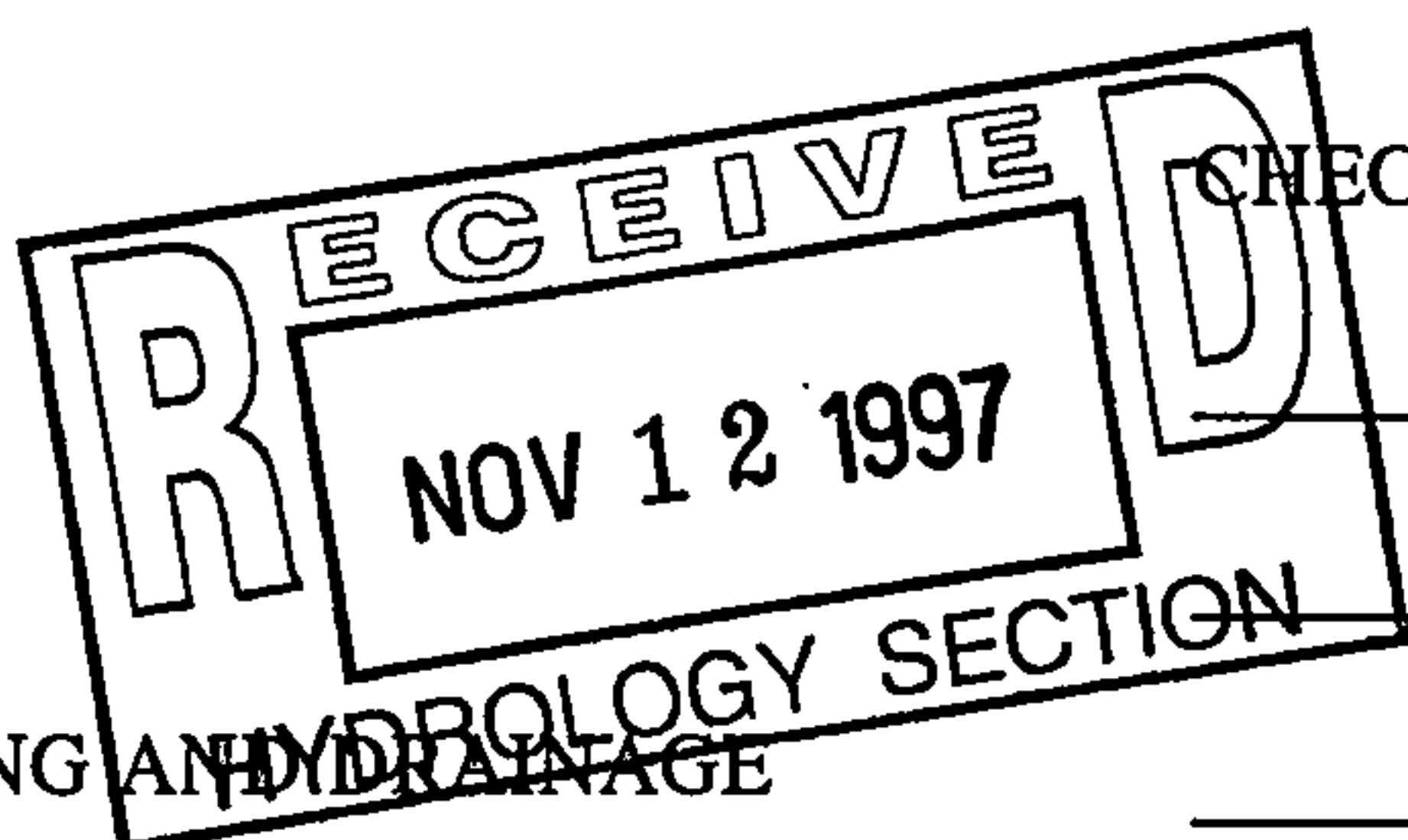
☐ ROUGH GRADING PERMIT APPROVAL

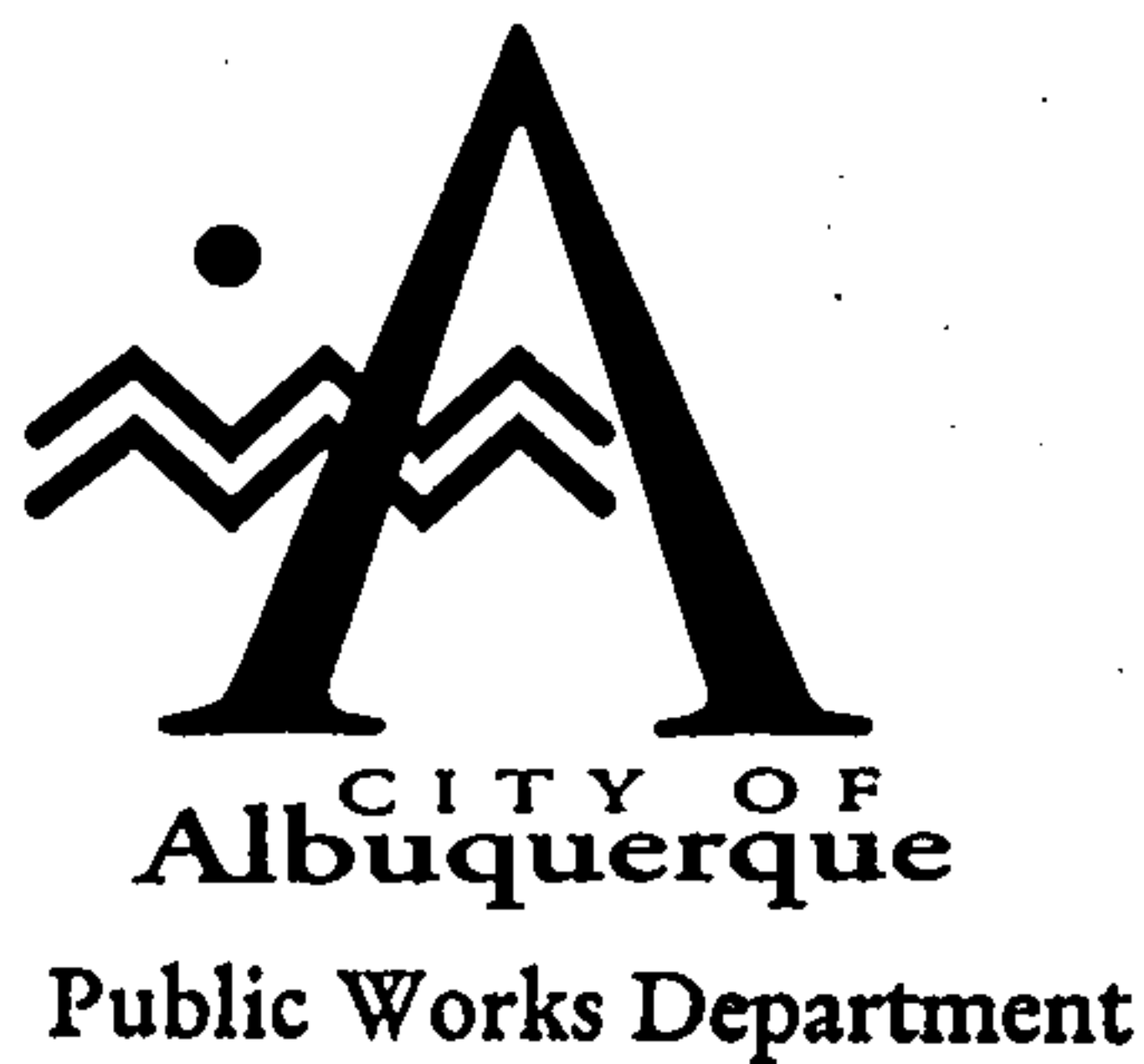
☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: November 8, 1997

BY: LARRY READ





Martin J. Chávez, Mayor

Robert E. Gurulé, Director

August 18, 1997

Larry Read  
Larry Read & Associates  
P.O. Box 90233  
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR AN ADDITION TO 9016 WASHINGTON ST. NE (C17-D2A10)  
ENGINEER'S STAMP DATED 8/8/97

Dear Mr. Read:

Based on the information provided on your August 8, 1997 submittal, the above referenced site 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 will be required.

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

C: Andrew Garcia  
File

Sincerely

*Bernie J. Montoya*  
Bernie J. Montoya CE  
Associate Engineer

Good for You, Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103





# DRAINAGE INFORMATION SHEET

PROJECT TITLE: WAREHOUSE ADDITION ZONE ATLAS/DRNG. FILE: C-17-Z

LEGAL DESCRIPTION: LOT 18, & TRACT 'A-1, RICHFIELD PARK

CITY ADDRESS: 9016 WASHINGTON STREET NE

ENGINEERING FIRM: LARRY READ & ASSOCIATES CONTACT: LARRY READ

ADDRESS: P. O. BOX 90233 ALB. NM 87199 PHONE: 858-3165

OWNER: WAYNE USIAK CONTACT: WAYNE USIAK

ADDRESS: 9016 WASHINGTON STREET NE PHONE: 858-0180

ARCHITECT: BDA ARCHITECTS CONTACT: WAYNE USIAK

ADDRESS: 9016 WASHINGTON ST. N.E. PHONE: 858-0180

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PREDESIGN MEETING:

☐ YES  
☒ NO

DRB NO. \_\_\_\_\_  
EPC NO. \_\_\_\_\_

☐ COPY OF CONFERENCE RECAP SHEET

PROJECT NO. \_\_\_\_\_

PROVIDED

TYPE OF TRANSMITTAL:

☒ DRAINAGE REPORT

☐ DRAINAGE PLAN

☐ PRELIMINARY GRADING AND DRAINAGE

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

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☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

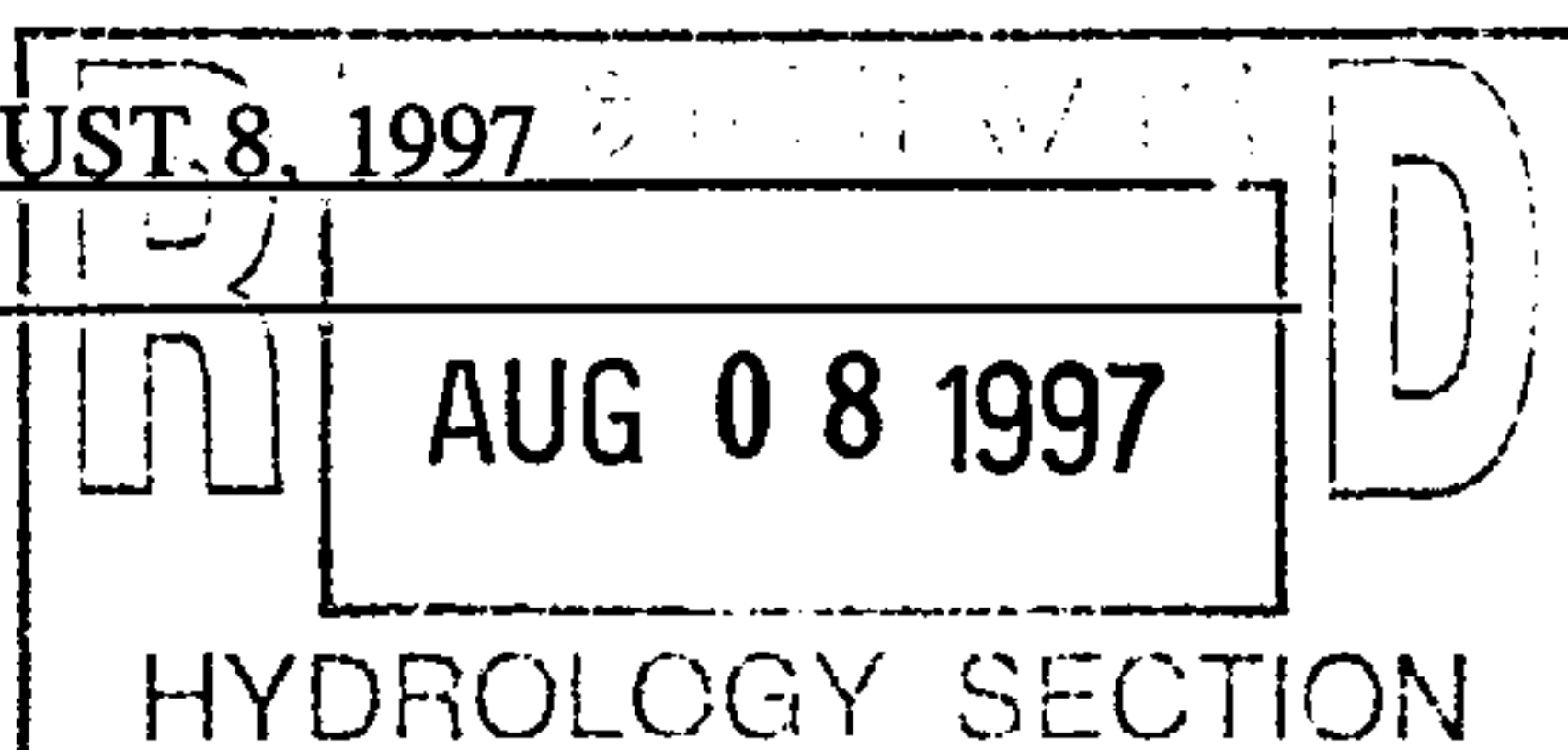
☒ BUILDING PERMIT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

DATE SUBMITTED: AUGUST 8, 1997

BY: LARRY READ



☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER \_\_\_\_\_ (SPECIFY)



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 28, 1995

Jackie McDowell, P.E.  
McDowell Engineering, Inc.  
7200 Valley Forge Pl. NE  
Albuquerque, N.M. 87109

RE: ENGINEER'S CERTIFICATION FOR BDA OFFICE BLDG (C-17/D2A10)  
RECEIVED JUNE 7, 1995 FOR CERTIFICATE OF OCCUPANCY  
ENGINEER'S STAMP 6/4/95

Dear Ms. McDowell:

Based on the information included in the submittal referenced above, City Hydrology accepts the Engineer's Certification of grading & drainage for a Certificate of Occupancy at 9016 Washington NE. Contact Code Administration for the Certificate of Occupancy.

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

Sincerely,

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

c: Andrew Garcia  
Wayne Usiak, 9016 Washington NE 87113

# DRAINAGE INFORMATION SHEET

PROJECT TITLE: BDA OFFICE BLDG. ZONE ATLAS/DRNG. FILE #: C-17/D-2A 10  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
LEGAL DESCRIPTION: LOT 18, RICHFIELD PARK SUBDIVISION  
CITY ADDRESS: 9016 WASHINGTON STREET NE  
ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL  
ADDRESS: 7200 VALLEY FORGE PL. NE PHONE: 828-2430  
OWNER: BDA ARCHITURE CONTACT: WAYNE USIAK  
ADDRESS: 9016 WASHINGTON STREET NE PHONE: 858-0180  
ARCHITECT: BDA ARCHITURE CONTACT: WAYNE USIAK  
ADDRESS: 9016 WASHINGTON STREET NE PHONE: 858-0180  
SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT  
☐ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAIN. PLAN  
☐ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☒ ENGINEER'S CERTIFICATION  
☐ OTHER \_\_\_\_\_

## PRE-DESIGN MEETING:

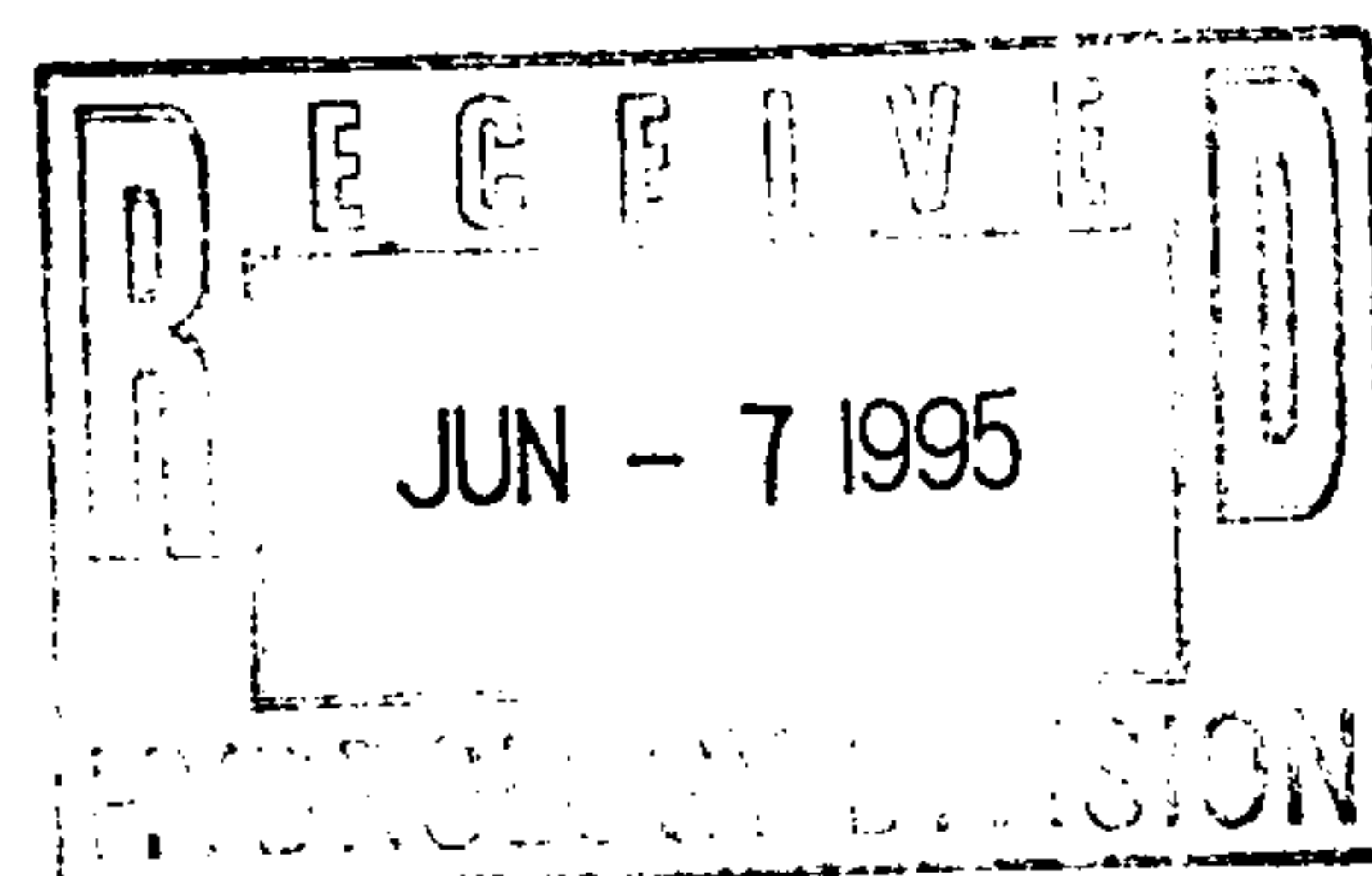
☒ YES  
☐ NO  
☐ COPY PROVIDED

## CHECK TYPE OF APPROVAL SOUGHT:

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

DATE SUBMITTED: JUNE 6, 1995

BY: JACKIE S. MCDOWELL, P.E.





# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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January 12, 1995

Jackie McDowell, P.E.  
McDowell Engineering, Inc.  
7200 Valley Forge Pl. NE  
Albuquerque, N.M. 87109

RE: DRAINAGE PLAN FOR BDA OFFICE BLDG (C-17/D2A10)  
RECEIVED DECEMBER 27, 1994 FOR BUILDING PERMIT APPROVAL  
ENGINEER'S STAMP 12-26-94

Dear Ms. McDowell:

Based on the information included in the submittal referenced above, City Hydrology. accepts the Drainage Plan for this project.

Include a copy of the approved Drainage Plan, dated 12-26-94, in the set of construction documents that will be submitted to Code Administration for the Building Permit.

Engineer's Certification of grading & drainage per DPM checklist must be approved before any Certificate of Occupancy will be approved.

If you have any questions about this project, You may contact me at 768-2727.

Sincerely,

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

c: Andrew Garcia



# DRAINAGE INFORMATION SHEET

PROJECT TITLE: BDA OFFICE BLDG. ZONE ATLAS/DRNG. FILE #: C-17/D-2A10

DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: LOT 18, RICHFIELD PARK SUBDIVISION

CITY ADDRESS: XXXX ADAMS STREET NE

ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL

ADDRESS: 7200 VALLEY FORGE PL. NE PHONE: 828-2430

OWNER: BDA ARCHITURE CONTACT: WAYNE USIAK

ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593

ARCHITECT: BDA ARCHITURE CONTACT: WAYNE USIAK

ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAIN. PLAN  
☐ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☐ ENGINEER'S CERTIFICATION  
☐ OTHER \_\_\_\_\_

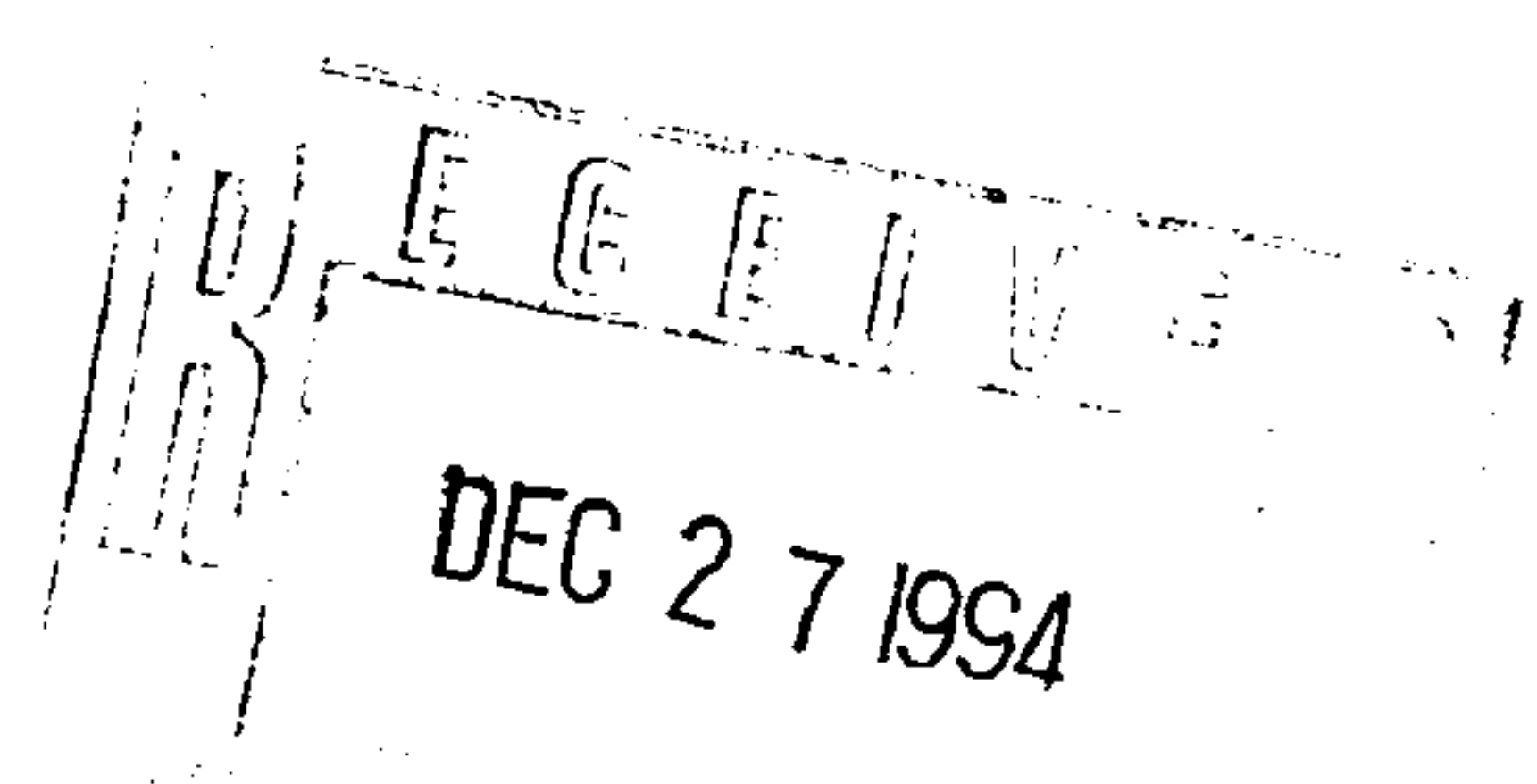
☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ S.DEV PLAN FOR SUB'D APPROVAL  
☐ S.DEV PLAN FOR BLDG PMT APPR.  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING PERMIT APPROVAL  
☐ CERT. OF OCCUPANCY APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING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

PRE-DESIGN MEETING:

☒ YES  
☐ NO  
☐ COPY PROVIDED

DATE SUBMITTED: DECEMBER 27, 1994

BY: JACKIE S. MCDOWELL, P.E.





# McDowell Engineering, Inc.

Jackie Sedillo McDowell, P.E.  
Civil Engineering Consultant

December 26, 1994

Mr. John Curtin, P.E.  
Civil Engineer/Hydrology  
City of Albuquerque  
P.O. Box 1293  
Albuquerque, New Mexico 87103

**RE: REVISED GRADING & DRAINAGE PLAN FOR BDA OFFICE BUILDING  
(C-17/D2A10)**

Dear Mr. Curtin:

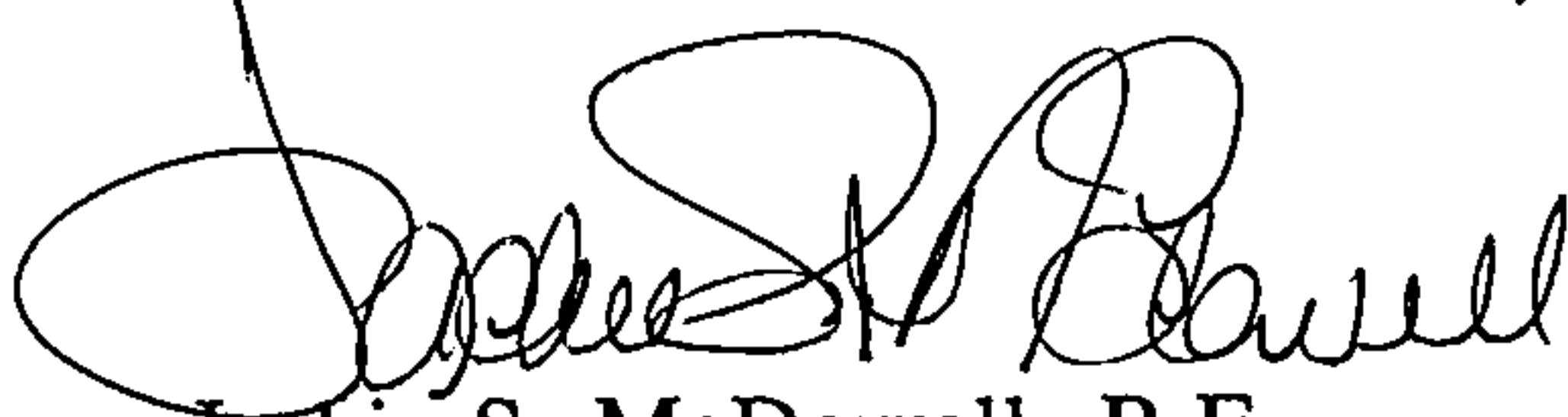
We are in receipt of your comments dated December 21, 1994, and offer the following modifications to the grading and drainage plan.

1. The land treatment for Type B has been re-calculated and is a little over 28%.
2. Runoff from the parking lot gets through a depression at the edge of asphalt to the landscaped area. Additional information has been added to the plan for clarification.
3. The roof drains have been labeled and added to the legend.

Your timely approval of this plan is greatly appreciated.

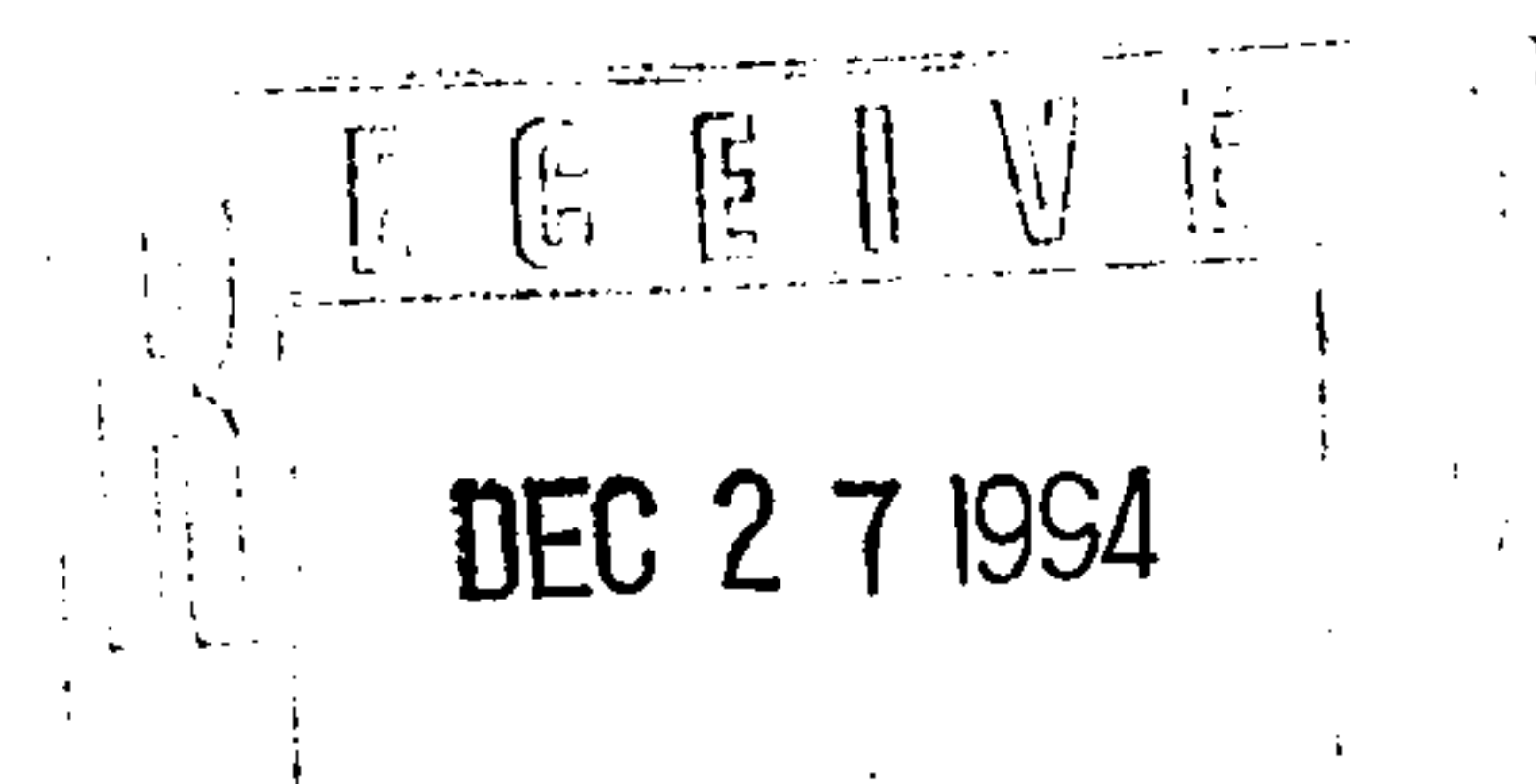
Sincerely,

MCDOWELL ENGINEERING, INC.



Jackie S. McDowell, P.E.

cc: Mr. Wayne Usiak, BDA Architecture





# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

**December 21, 1994**

**Jackie McDowell, P.E.  
McDowell Engineering, Inc.  
7200 Valley Forge Pl. NE  
Albuquerque, N.M. 87109**

**RE: DRAINAGE PLAN FOR BDA OFFICE BLDG (C-17/D2A10)  
RECEIVED NOVEMBER 22, 1994 FOR BUILDING PERMIT APPROVAL  
ENGINEER'S STAMP 11-21-94**

**Dear Ms. McDowell:**

**Based on the information included in the submittal referenced above, City Hydrology has the following comments that must be addressed prior to Building Permit approval:**

- 1. For a commercial site, 28% land treatment B appears high. Verify that this percentage is correct.**
- 2. How does the runoff from the parking lot get through the curb and into the swale? Provide additional proposed spot elevations or other information necessary to explain and construct.**
- 3. Label roof drains or add them to the Legend.**

**If you have any questions about this project, You may contact me at 768-2727.**

**Sincerely,**

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

**c: Andrew Garcia**

# DRAINAGE INFORMATION SHEET

PROJECT TITLE: BDA OFFICE BLDG. ZONE ATLAS/DRNG. FILE #: C-17/D-2A/0  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
LEGAL DESCRIPTION: LOT 18, RICHFIELD PARK SUBDIVISION  
CITY ADDRESS: XXXX ADAMS STREET NE  
ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL  
ADDRESS: 7200 VALLEY FORGE PL. NE PHONE: 828-2430  
OWNER: BDA ARCHITURE CONTACT: WAYNE USIAK  
ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593  
ARCHITECT: BDA ARCHITURE CONTACT: WAYNE USIAK  
ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593  
SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAIN. 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 PMT APPR.  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING PERMIT APPROVAL  
☐ CERT. OF OCCUPANCY APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: NOVEMBER 21, 1994

BY: JACKIE S. MCDOWELL, P.E.

NOV 22 1994



# McDowell Engineering, Inc.

Jackie Sedillo McDowell, P.E.  
Civil Engineering Consultant

November 21, 1994

Mr. John Curtin, P.E.  
Civil Engineer/Hydrology  
City of Albuquerque  
P.O. Box 1293  
Albuquerque, New Mexico 87103

**RE: GRADING & DRAINAGE PLAN FOR BDA OFFICE BUILDING (C-17/D2A10)**

Dear Mr. Curtin:

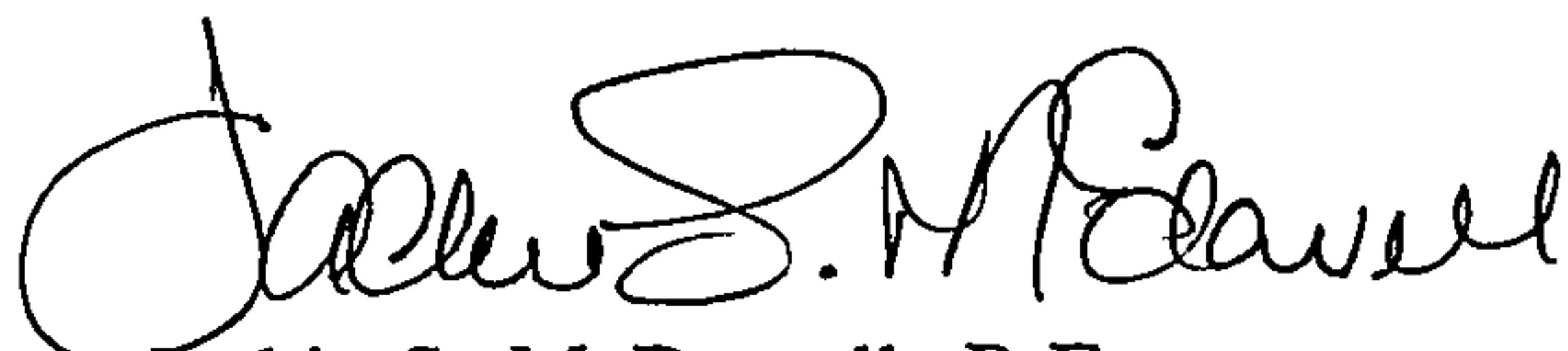
We are in receipt of your comments dated November 8, 1994, and offer the following modifications to the grading and drainage plan.

1. A statement has been added to the plan indicating that downstream systems proposed by the Master Plan are in place and there are no apparent problems. The Master Plan was prepared for the Richfield Park Addition by Espey-Huston and dated August 1, 1986.
2. There are no offsite flows entering the property. An erosion control note has been added to the plan.
3. Existing contours extend 25' beyond the property. Existing top of curb and flowline elevations have been added to Adams Street and Washington Street. Flowline elevations have been added at the entrances to verify that an adequate water block is provided.

Your timely approval of this plan is greatly appreciated.

Sincerely,

MCDOWELL ENGINEERING, INC.



Jackie S. McDowell, P.E.

cc: Mr. Wayne Usiak, BDA Architecture

NOV 22 1994





# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 8, 1994

Jackie McDowell, P.E.  
McDowell Engineering, Inc  
7200 Valley Forge Pl NE  
Albuquerque, N.M. 87109

RE: GRADING & DRAINAGE PLAN FOR BDA OFFICE BLDG (C-17/D2A10)  
RECEIVED OCTOBER 25, 1994 FOR S DEV PLAN, FOUNDATION & BLDG PRMT APPROVAL  
ENGINEER'S STAMP DATED 10-24-94

Dear Ms. McDowell:

Based on the information included in the submittal referenced above, City Hydrology approves this project for Site Development Plan for B.P. and Foundation Permit.

The following comments must be addressed prior to Building Permit approval:

1. Verify the downstream capacity. A statement on the Plan that the downstream system proposed by the Master Plan is in place and no problems are apparent will be sufficient. Identify the Master Plan by name & file number.
2. Identify whether there are any off-site entering the site or not. Include the Erosion Control Plan on the Plan.
3. Existing contours must extend at least 25' beyond the property line on all sides. Provide existing Top of Curb & Flowline elevations on Adams & Washington streets. Include flowline elevations at the entrances to verify that an adequate water block has been provided.

If you have any questions about this project, You may contact me at 768-2727.

Sincerely,

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

c: Fred Aguirre  
Andrew Garcia

WPHYD/8947/jpc

# DRAINAGE INFORMATION SHEET

PROJECT TITLE: BDA OFFICE BLDG. ZONE ATLAS/DRNG. FILE #: C-17/D-2A 10

DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: LOT 18, RICHFIELD PARK SUBDIVISION

CITY ADDRESS: XXXX ADAMS STREET NE

ENGINEERING FIRM: MCDOWELL ENGINEERING, INC. CONTACT: JACKIE MCDOWELL

ADDRESS: 7200 VALLEY FORGE PL. NE PHONE: 828-2430

OWNER: BDA ARCHITURE CONTACT: WAYNE USIAK

ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593

ARCHITECT: BDA ARCHITURE CONTACT: WAYNE USIAK

ADDRESS: 6000 UPTOWN BLVD. NE, STE #314 PHONE: 266-0593

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

TYPE OF SUBMITTAL:

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☒ DRAINAGE PLAN  
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☐ OTHER \_\_\_\_\_

☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
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☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

PRE-DESIGN MEETING:

☒ YES  
☐ NO  
☒ COPY PROVIDED

DATE SUBMITTED: OCTOBER 24, 1994

BY: JACKIE S. MCDOWELL, P.E.

8947

RECEIVED  
OCT 25 1994

24-Oct-94

Calculations: Total Basin

Calculations are based on "Section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, New Mexico, January 1993 - basins < 40 acres".

Precipitation Zone = 2

Depth at 100-year, 6-hour storm: (Table A-2)

P = 2.35 inches

Land Treatments:

From Table 5 - Percent Treatment D

Single Family Residential =

$7 \cdot \text{SQR}((N \cdot N) + (5 \cdot N))$

where N = units/acre

N = ----- = -----, ok < 6

N = 0.00

Therefore Percent Treatment D = 0.00%

(includes local streets)

Areas: (acres)	Existing	Proposed
Treatment A	0.47	0.00
Treatment B	0.00	0.13
Treatment C	0.00	0.00
Treatment D	0.00	0.34
Total (acres) =	0.47	0.47

28%

72%

Volume	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed
Volume (acre-feet) =	0.02	0.07	0.01	0.04	0.00	0.02
Volume (cubic feet) =	904	2,985	222	1,786	0	984

Total Q(p), cfs:	100 year Existing Q(p)*A	100 year Proposed Q(p)*A	10 year Existing Q(p)*A	10 year Proposed Q(p)*A	2 year Existing Q(p)*A	2 year Proposed Q(p)*A
Treatment A	0.73	0.00	0.18	0.00	0.00	0.00
Treatment B	0.00	0.30	0.00	0.12	0.00	0.01
Treatment C	0.00	0.00	0.00	0.00	0.00	0.00
Treatment D	0.00	1.60	0.00	1.07	0.00	0.63
Total Q (cfs) =	0.73	1.89	0.18	1.19	0.00	0.64

