



Martin J. Chávez, Mayor

Robert E. Gurulé, Director

May 27, 1997

Diane Hoelzer PE
D. Mark Goodwin & Associates Inc.
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: REVISED ENGINEER CERTIFICATION FOR PHILLIPS 66-WYOMING &
CONSTITUTION (J19-D41) ENGINEER'S CERTIFICATION STATEMENT
DATED 5/13/97

Dear Ms. Hoelzer:

Based on the information provided on your May 14, 1997 resubmittal, Engineer Certification for the above referenced site is acceptable.

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

C: Andrew Garcia

File

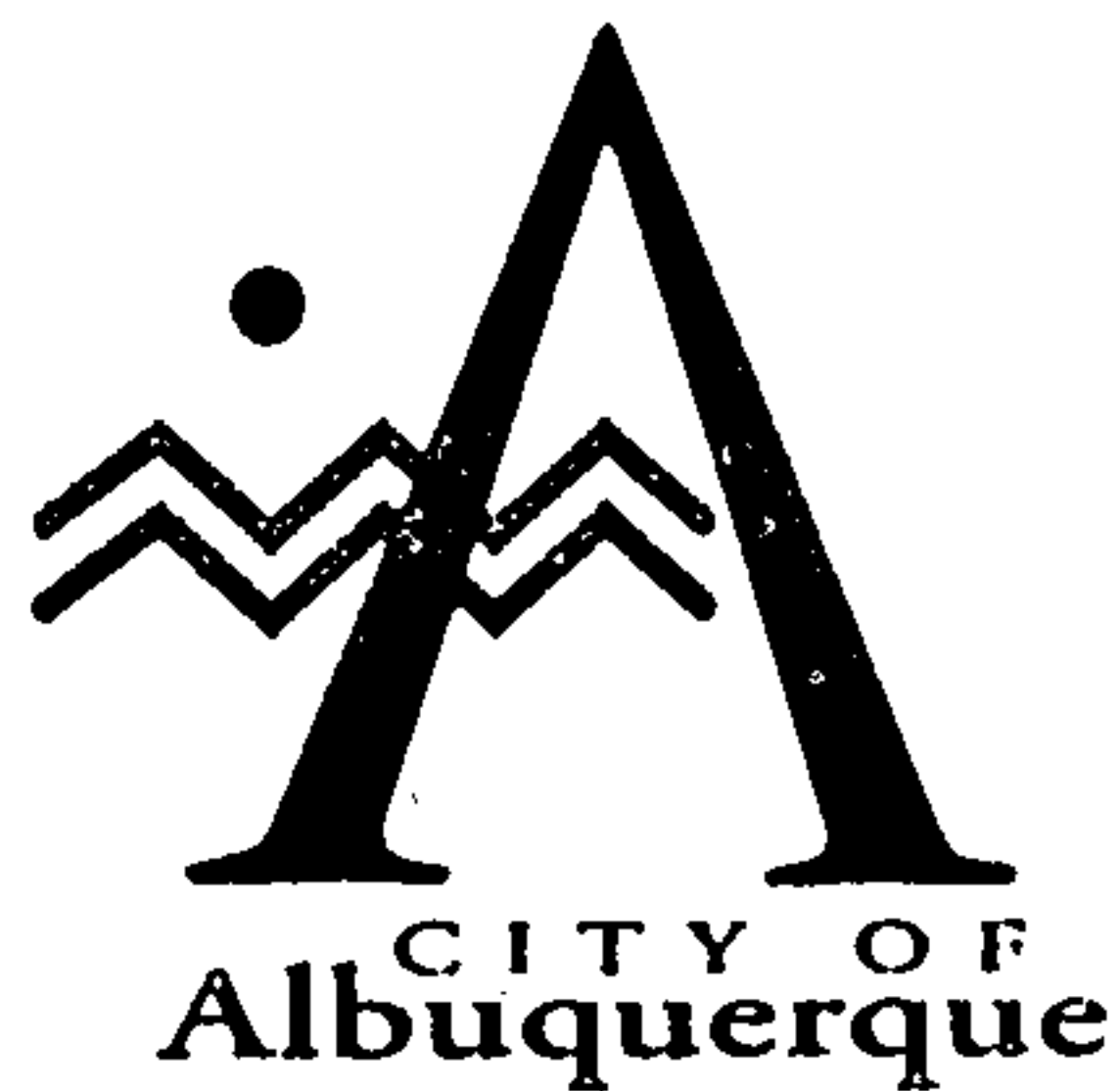
Sincerely

Bernie J. Montoya
Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!

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





Martin J. Chávez, Mayor

April 10, 1997

Diane Hoelzer PE
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: ENGINEER CERTIFICATION FOR PHILLIPS 66-WYOMING/CONSTITUTION
(J19-D41) RECEIVED APRIL 9, 1997

Dear Ms. Hoelzer:

Based on the information provided on your April 9, 1997 submittal, Engineer Certification is not acceptable for the following reasons:

1. Certification statement is not dated.
2. The required 1' foot water block does not exist at either drivepad. The depth of flow within the streets must be provided for review.
3. Your legend must include what your as-built designation is.

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

C: Andrew Garcia

File

Sincerely

Bernie J. Montoya CE
Engineering Associate



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Phillips 66 - Wyoming/Constitution NE ZONE ATLAS/DRNG, FILE#: J-19/1241
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tr: A-1, East End Addition, portion of S18, TION, R4E of NMPM, ABQ, Bernalillo, NM
CITY ADDRESS: 1331 Wyoming, NE Albuquerque, NM

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Diane Hoelzer PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Phillips 66 CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

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

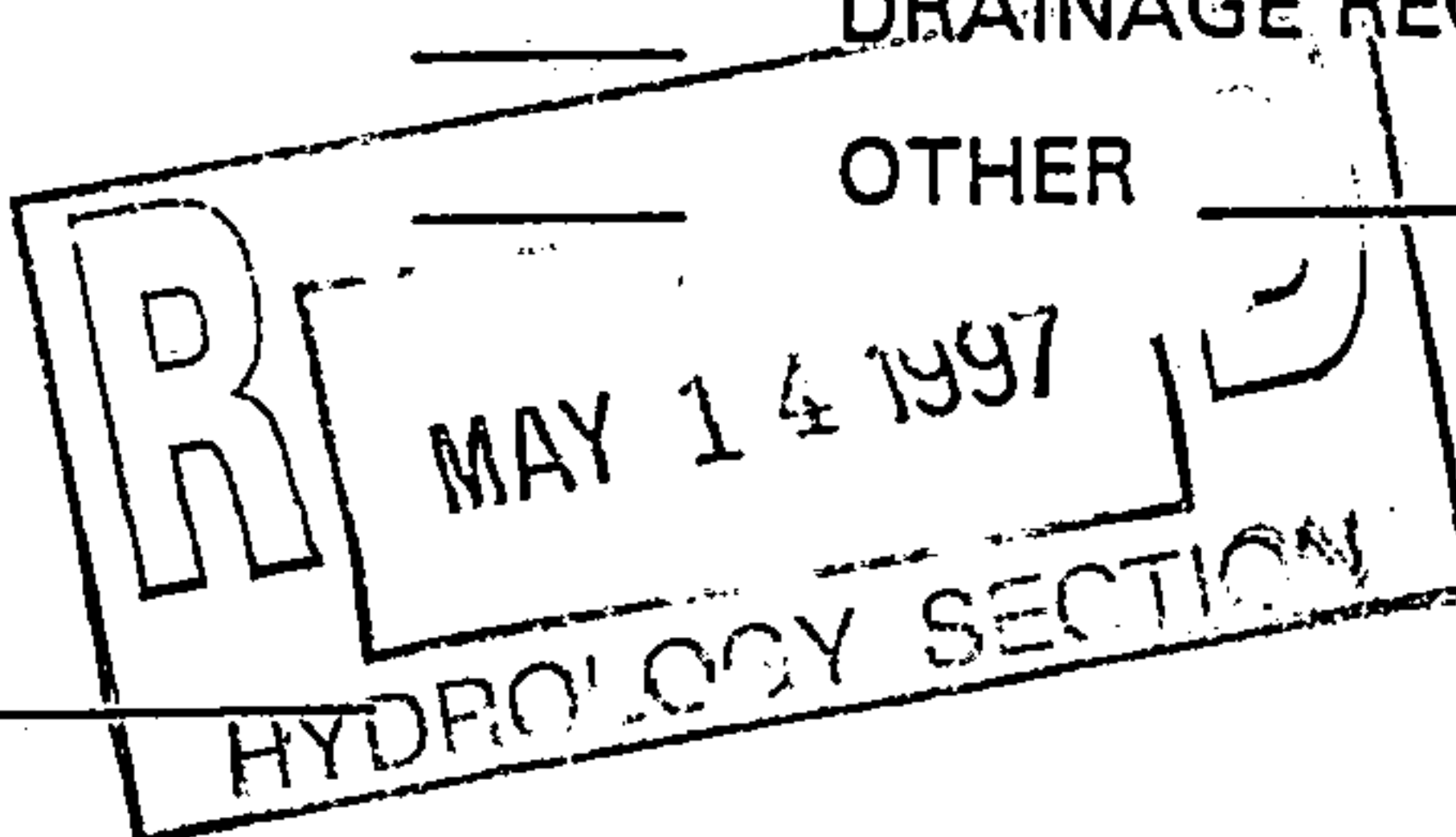
☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT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

PRE-DESIGN MEETING:

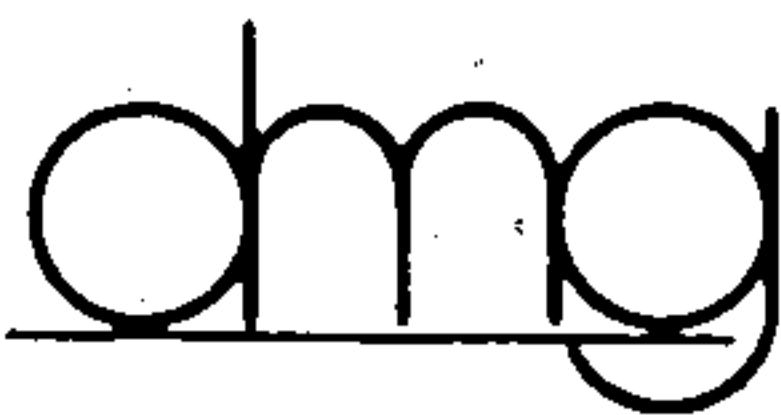
☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 5-14-97

BY: Diane Hoelzer
Diane Hoelzer, PE



LETTER OF TRANSMITTAL



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

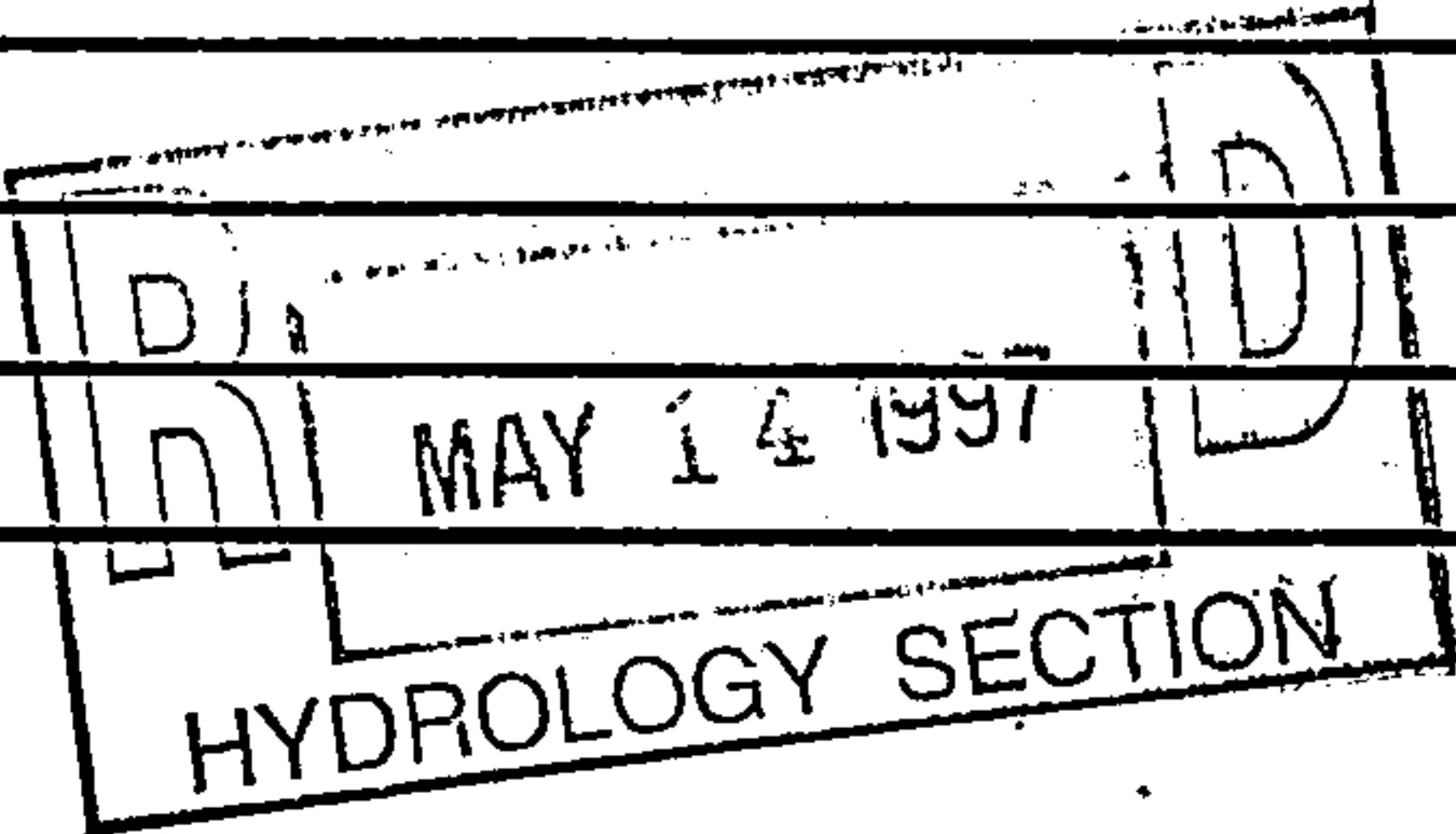
DATE	JOB NO.
ATTENTION <u>Bernie Montoya</u>	
RE: <u>Phillips 66 - Wyom/Const.</u>	

TO COA - One Stop.
Hydrology

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- | | | | | |
|---|---------------------------------------|--------------------------------|----------------------------------|---|
| <input type="checkbox"/> Shop drawings | <input type="checkbox"/> Prints | <input type="checkbox"/> Plans | <input type="checkbox"/> Samples | <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> _____ | | |

COPIES	DATE	NO.	DESCRIPTION
1			G+D Plan



THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US | | |

REMARKS Henry Chavez told me he spoke to you
about this yesterday. Please call me
if you have any questions.

COPY TO _____

SIGNED: Alice Hoehn

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Phillips 66 - Wyoming/Constitution NE ZONE ATLAS/DRNG, FILE#: J-19 /D41
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tr. A-1, East End Addition, portion of S18, TION, R4E of NMPM, ABQ, Bernalillo, NM
CITY ADDRESS: 1331 Wyoming, NE Albuquerque, NM

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Diane Hoelzer PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Phillips 66 CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
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:

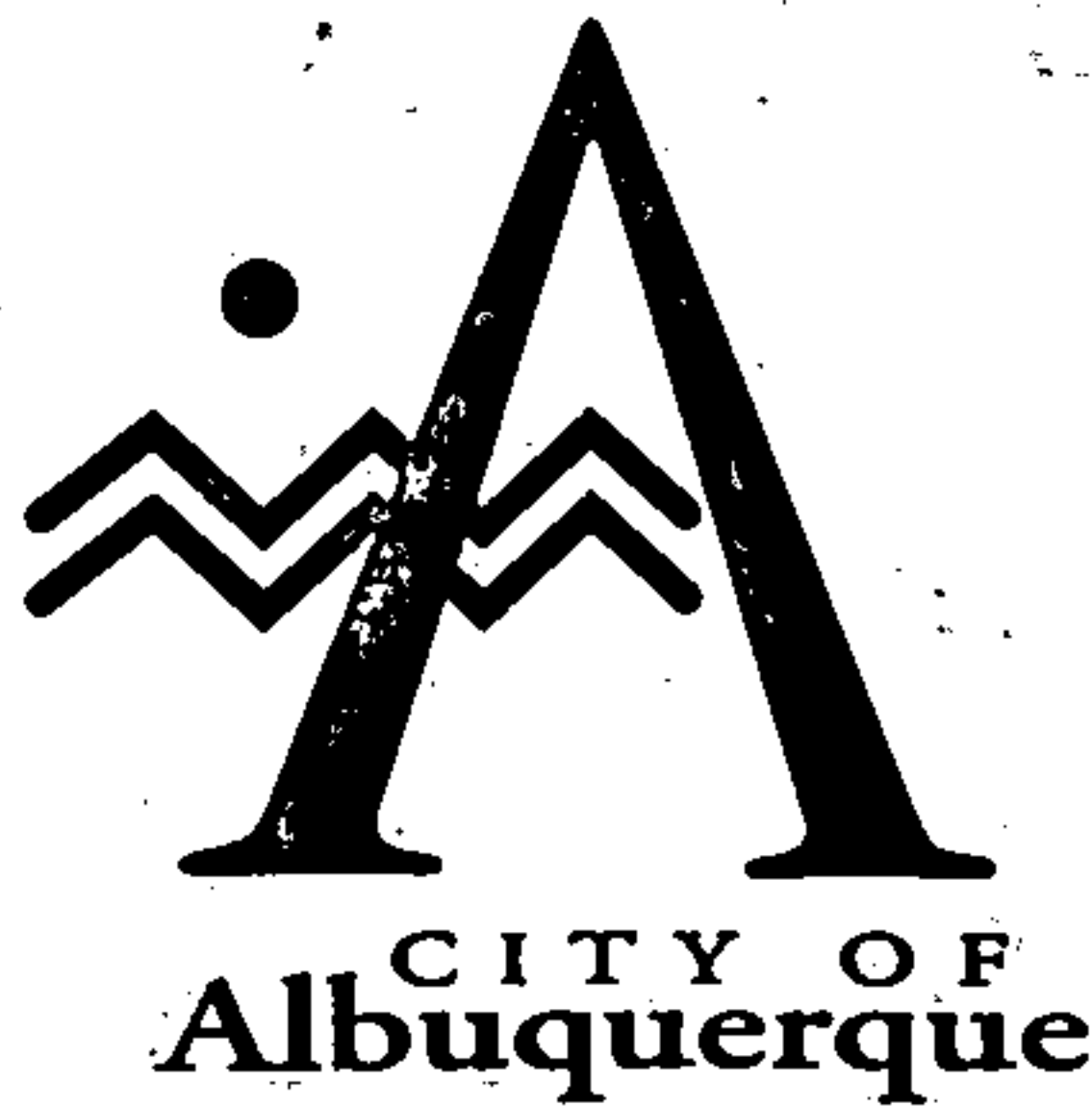
☐ SKETCH PLAT APPROVAL
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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

30 day Temp CO, issued on 4-9-97

DATE SUBMITTED: 4-7-97

BY: Diane Hoelzer
Diane Hoelzer, PE

Buma Vista



September 13, 1996

Martin J. Chávez, Mayor

Diane Hoelzer, PE
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

**RE: PHILLIPS 66 - WYOMING AND CONSTITUTION (J19-D41). GRADING PLAN
SUBMITTAL FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED
AUGUST 26, 1996.**

Dear Ms. Hoelzer:

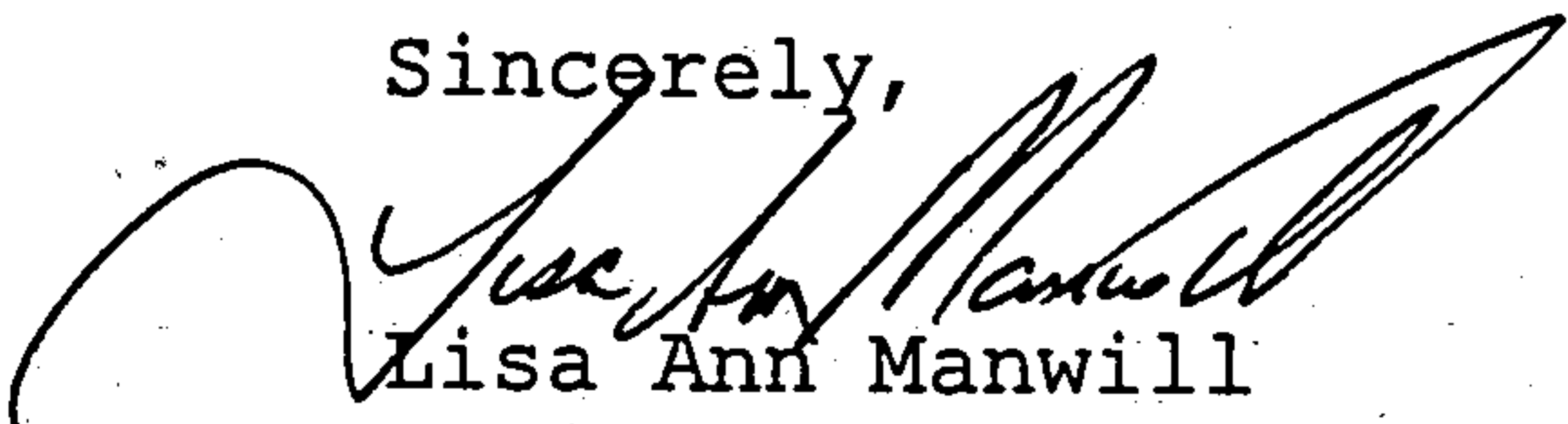
Based on the information provided on your August 27, 1996 submittal, the above referenced project is approved for Building Permit.

The City suggests that the area around the fueling bays and under the canopy be graded so that in the future, the fueling area can be contained and all washdown water collected and routed to an oil/water separator. This separator would be connected directly to the sanitary sewer, not to the storm drain. While this requirement is not currently mandatory, it may be in the future and compliance will be necessary.

Prior to a Certificate of Occupancy, 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: John Barber - Phillips 66
Andrew Garcia - COA
File

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Phillips 66 - Wyoming/Constitution NE ZONE ATLAS/DRNG, FILE#: J-19/141
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tr. A-1, East End Addition, portion of S18, T10N, R4E of NMPM, ABQ, Bernalillo, NM
CITY ADDRESS: 1331 Wyoming, NE Albuquerque, NM

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Diane Hoelzer PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Phillips 66 - Retail Expansion CONTACT: Ken Duck John Barber
ADDRESS: 1620 Central SE 6436 S. Racine Circle PHONE: 247-1529
ARCHITECT: SLNB Architects Suite 201 CONTACT: Ken Duck
ADDRESS: 1620 Central SE Englewood, CO PHONE: 247-1529
SURVEYOR: 80111 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:

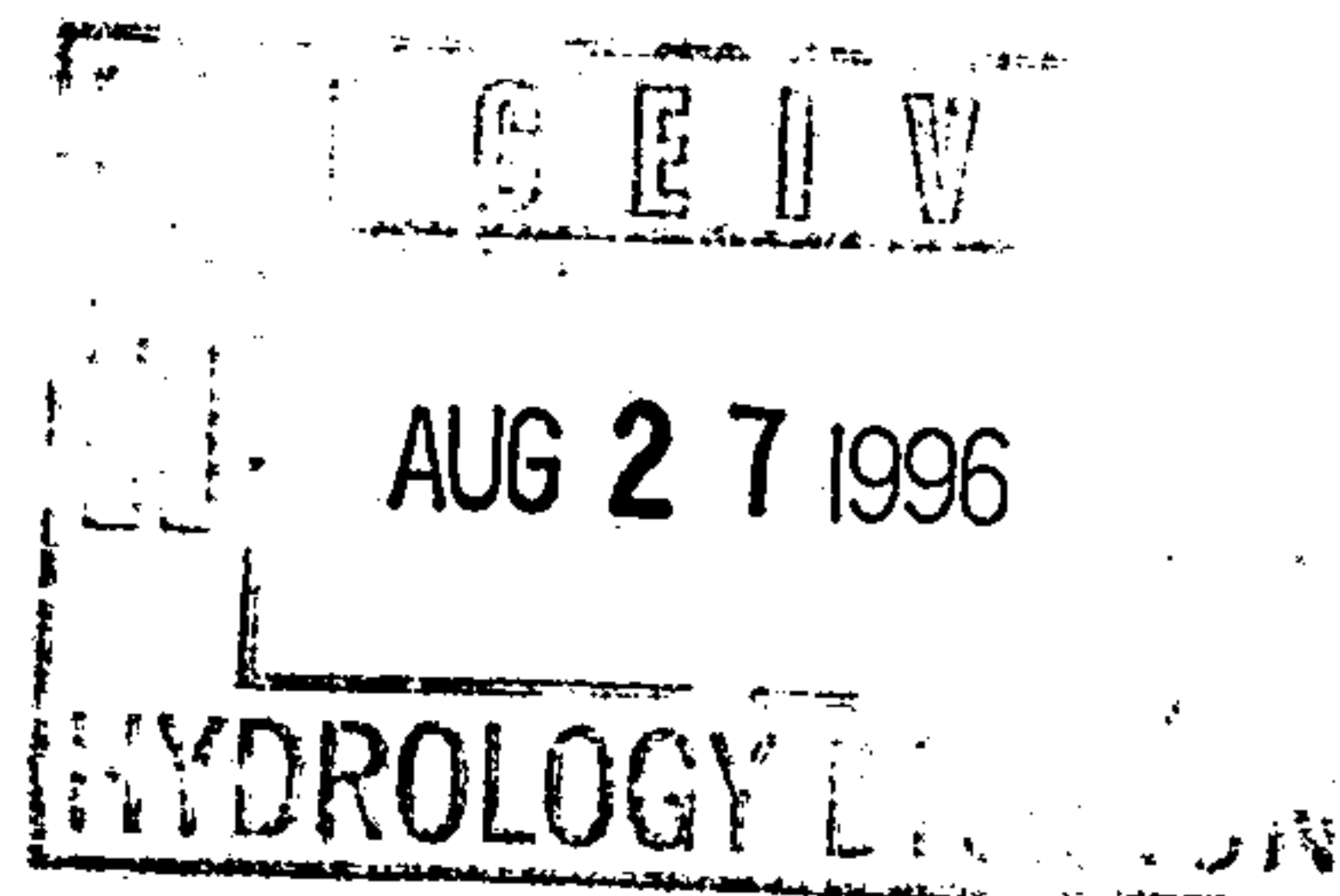
☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 8-26-96

BY: Diane Hoelzer
Diane Hoelzer, PE



DRAINAGE REPORT
for
PHILLIPS 66
@ Wyoming and Constitution

ZONE ATLAS J-19



August 1996

AUG 27 1996

PROJECT DESCRIPTION

The site is currently developed as a Phillips 66 gas station, convenience store and car wash. The proposed developed site is also a Phillips 66 station, convenience store and car wash. The primary difference between the existing and developed Phillips 66 is the location of each of these facilities. Additional pump stations are going to be built where the existing building is now located on the east half of the site. A new building is going to be constructed where the existing car wash is now located and a new car wash facility is going to be built closer to the existing west property line.

EXISTING DRAINAGE CONDITIONS

Under existing drainage conditions, onsite flows are directed towards the north as free discharge into Constitution Avenue. A small portion of the project site along the west property line flows northward and offsite in a northwest direction before discharging into Constitution Avenue.

DEVELOPED CONDITIONS

Under developed conditions, the onsite flows will continue to be directed towards the north as free discharge into Constitution Avenue. Along the west property boundary onsite flows in the landscaped areas will be directed northward through a swale before discharging into Constitution Avenue. Refer to the drainage calculations on the next page.

DRAINAGE CALCULATIONS

Precipitation Zone: 3
Project Area: 0.914 acres
Time of Concentration = 12 minutes

EXISTING CONDITIONS

Land Treatment C = 36.7%
Land Treatment D = 63.3%

From Table A-9 Peak Discharge:

$$3.45(0.3354) + 5.02(0.5786)$$

$$\underline{Q_{100} = 4.06 \text{ cfs}}$$

$$1.29(.3354) + 2.36(0.5786) = 1.80$$
$$1.80 \cdot .914 / 12 =$$

$$\underline{V_{100} = 0.137 \text{ acre-feet}}$$

DEVELOPED CONDITIONS

Land Treatment C = 21.0%
Land Treatment D = 79.0%

$$3.45(0.1919) + 5.02(0.7221)$$

$$\underline{Q_{100} = 4.29 \text{ cfs}}$$

$$1.29(0.1919) + 2.39(0.7221) = 1.97$$
$$1.97 \cdot .914 / 12 =$$

$$\underline{V_{100} = 0.150 \text{ acre-feet}}$$

An increase in flow rate of 0.23 cfs is negligible.

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Phillips 66 - Wyoming/Constitution NE ZONE ATLAS/DRNG, FILE#: J-19/1141
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tr. A-1, East End Addition, portion of S18, T10N, R4E of NMPM, ABQ, Bernalillo, NM
CITY ADDRESS: 1331 Wyoming, NE Albuquerque, NM

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Diane Hoelzer PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Phillips 66 CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

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☐ ENGINEER'S CERTIFICATION
☐ OTHER

PRE-DESIGN MEETING:

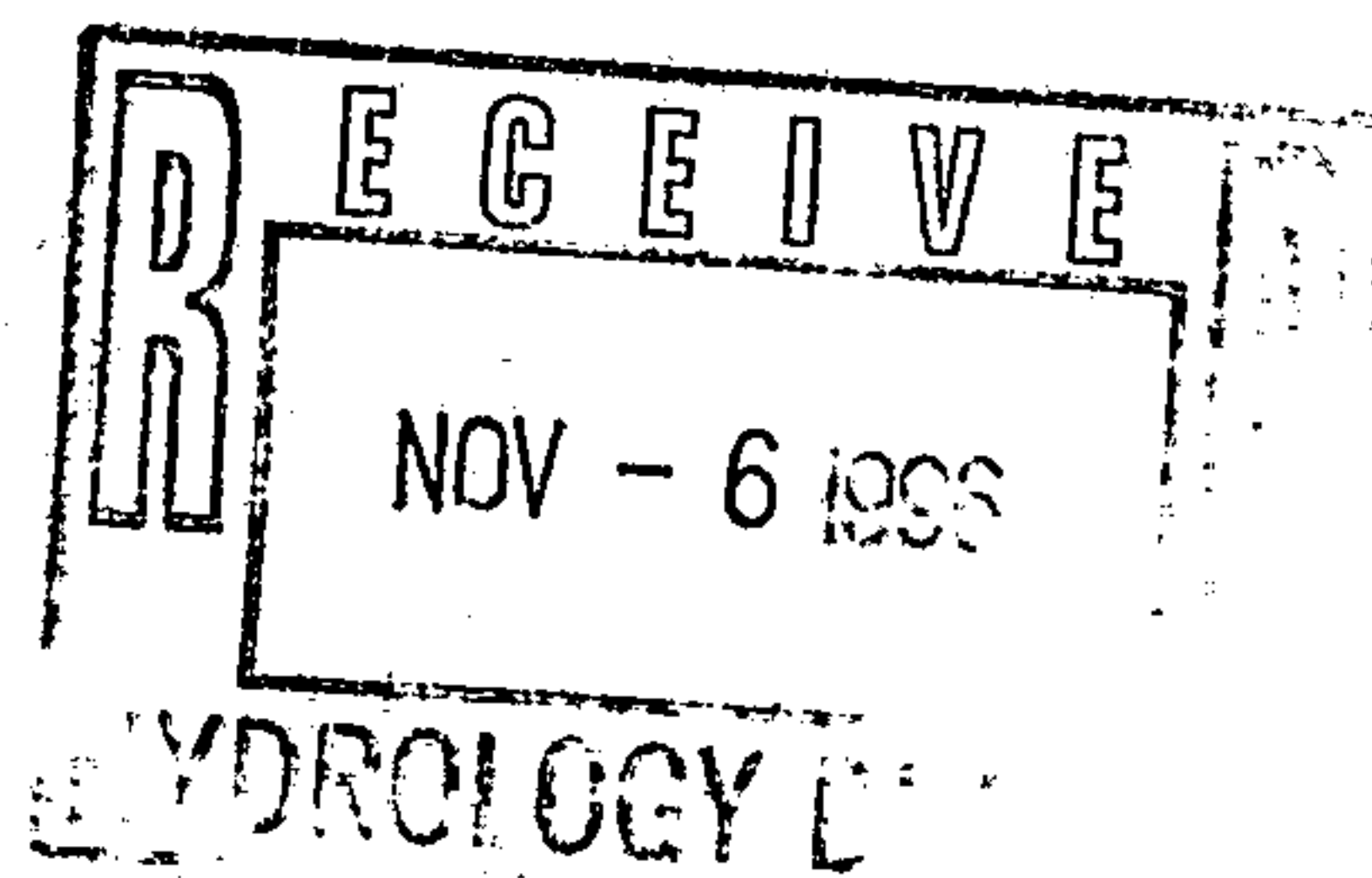
☐ YES
☒ NO
☐ COPY PROVIDED

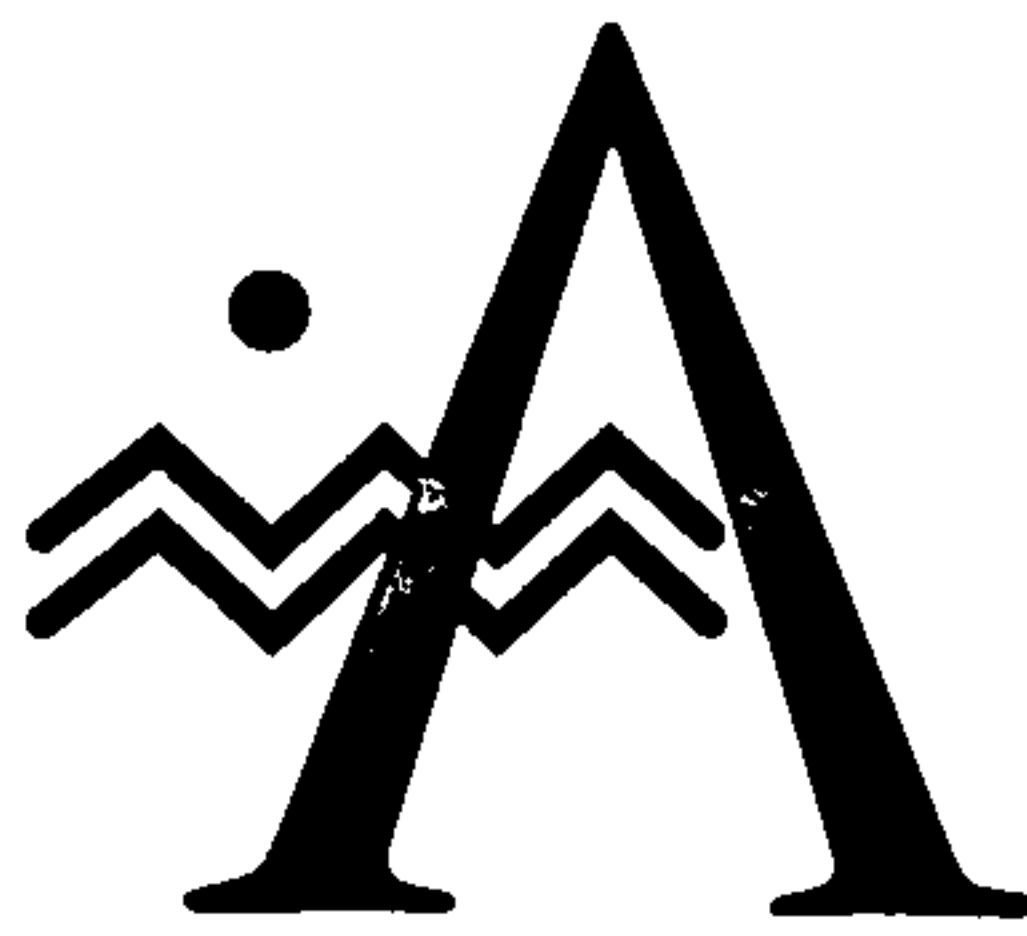
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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 11-5-96

BY: Diane Hoelzer
Diane Hoelzer, PE





CITY OF
Albuquerque
November 7, 1996

Martin J. Chávez, Mayor

Diane Hoelzer, PE
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

**RE: PHILLIPS 66 - WYOMING AND CONSTITUTION (J19-D41). GRADING PLAN
RESUBMITTAL FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP
DATED NOVEMBER 5, 1996.**

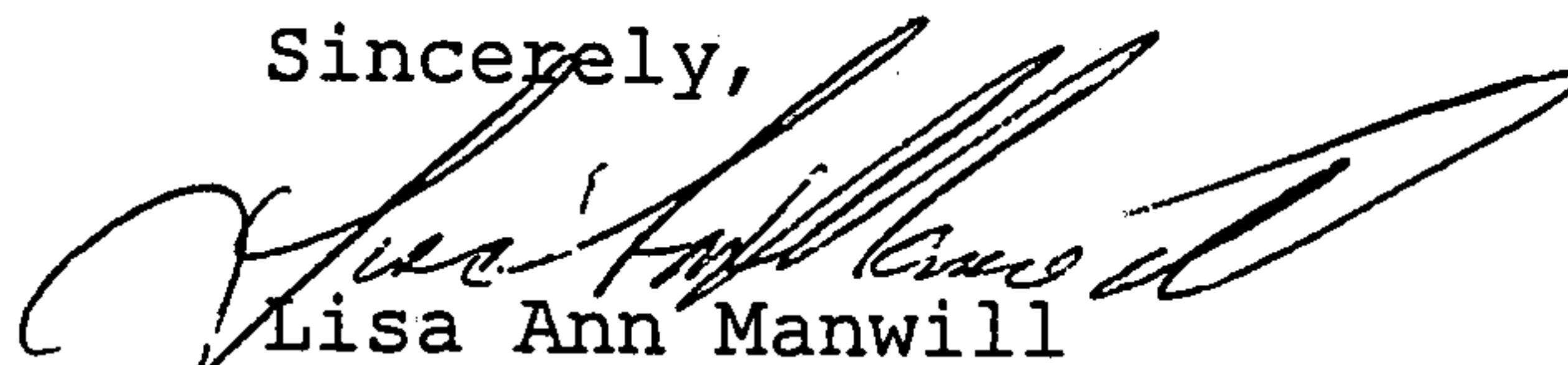
Dear Ms. Hoelzer:

Based on the information provided on your November 6, 1996
resubmittal, the above referenced project is approved for Building
Permit.

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

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

Sincerely,



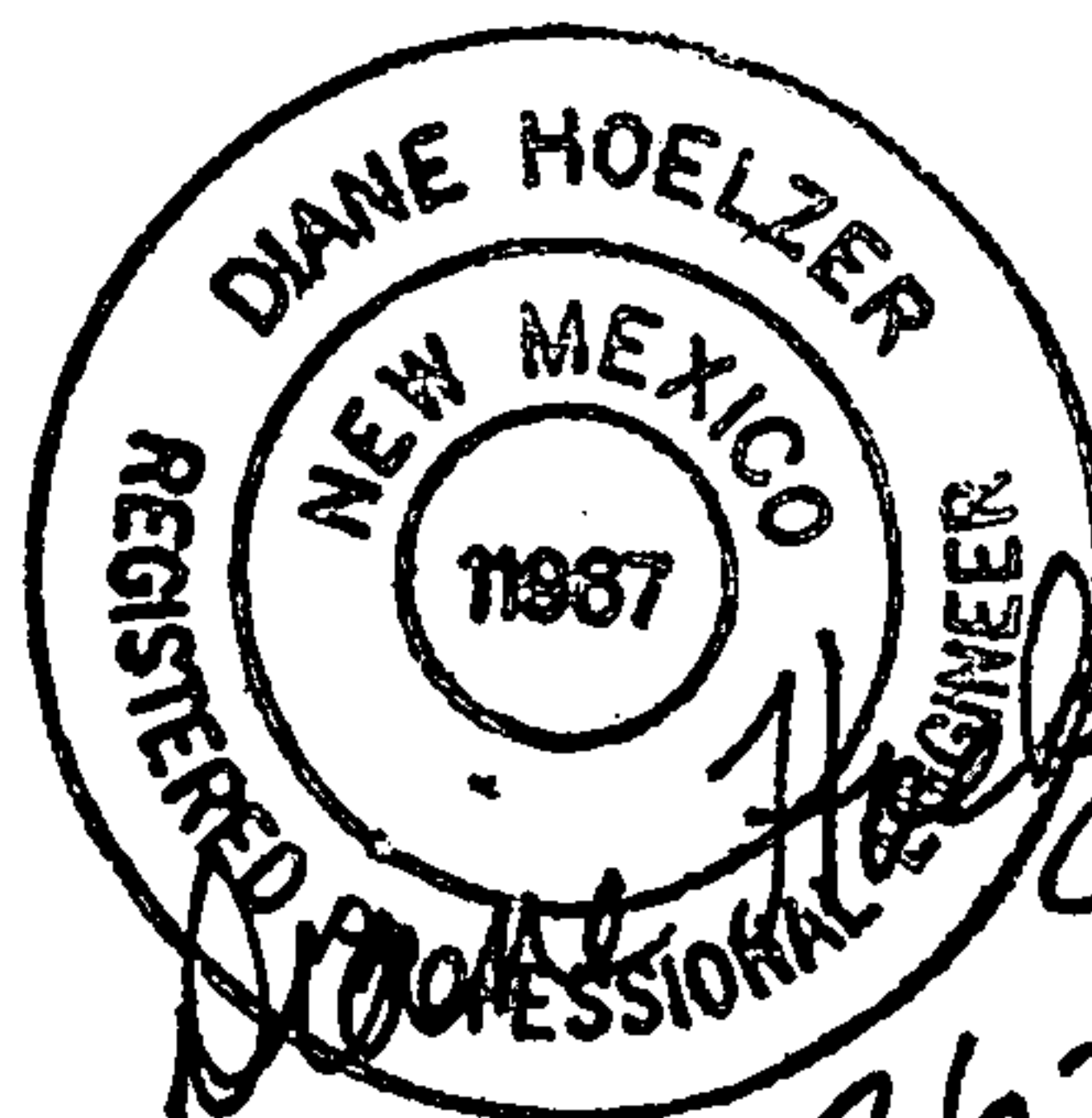
Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia - COA
File



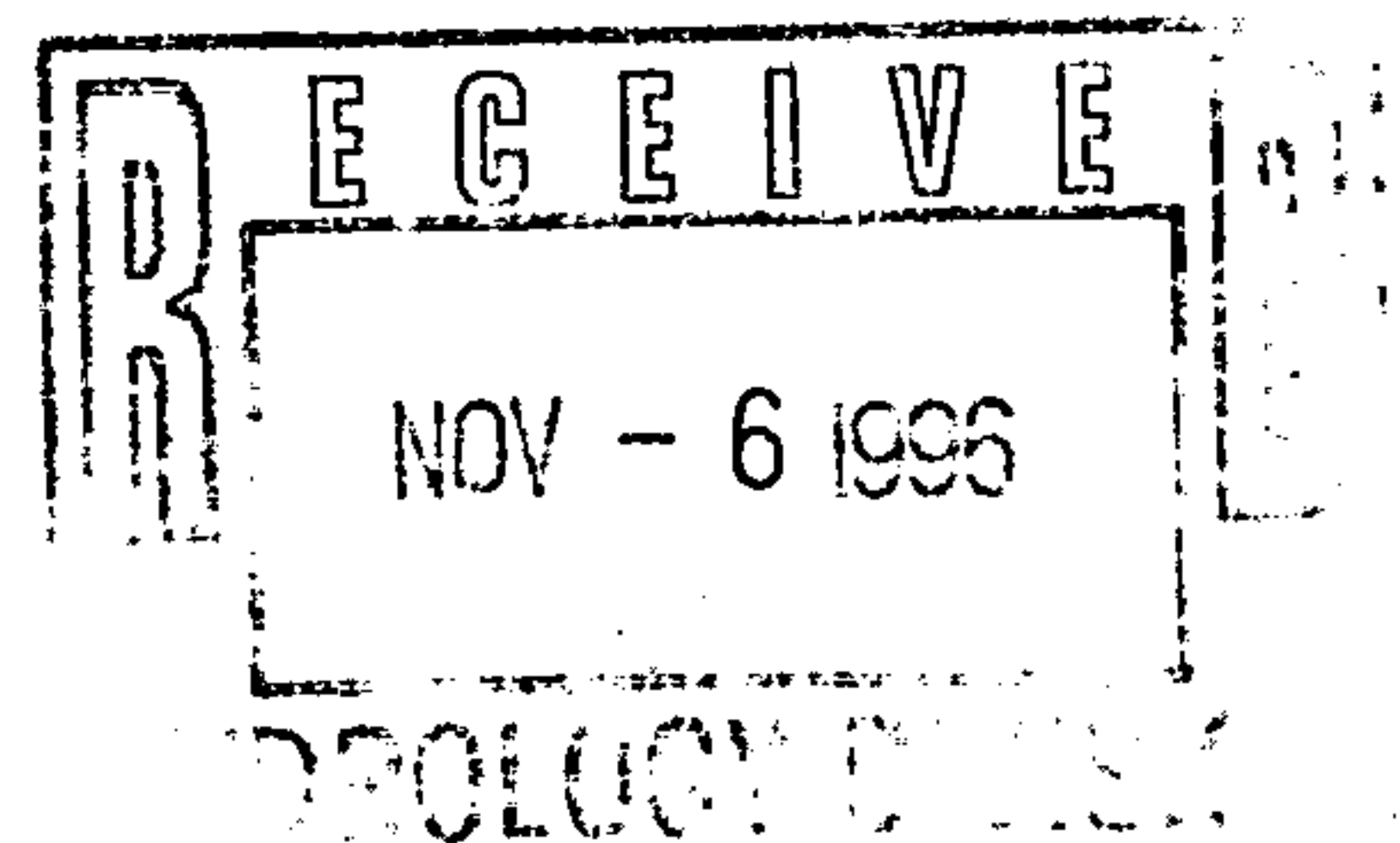
DRAINAGE REPORT
for
PHILLIPS 66
@ Wyoming and Constitution

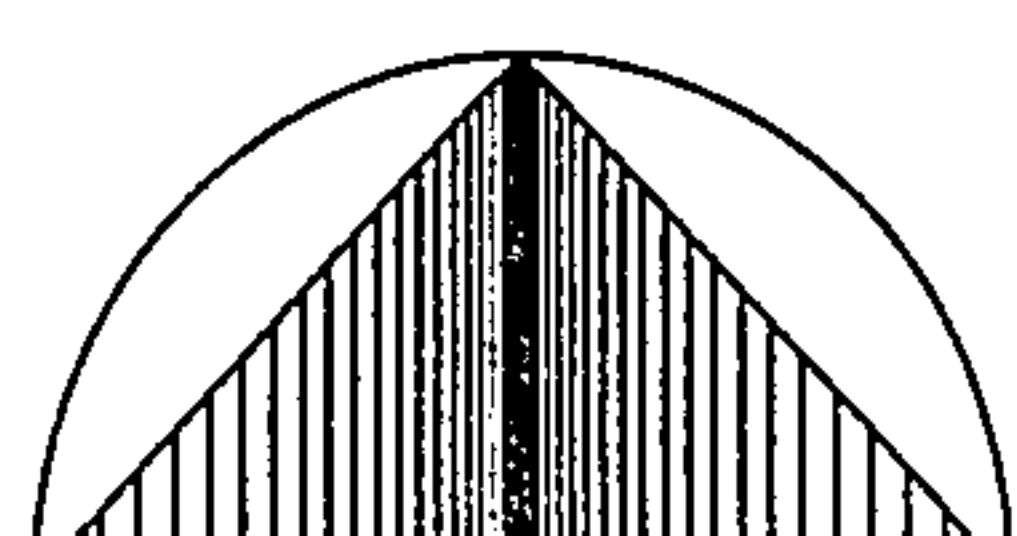
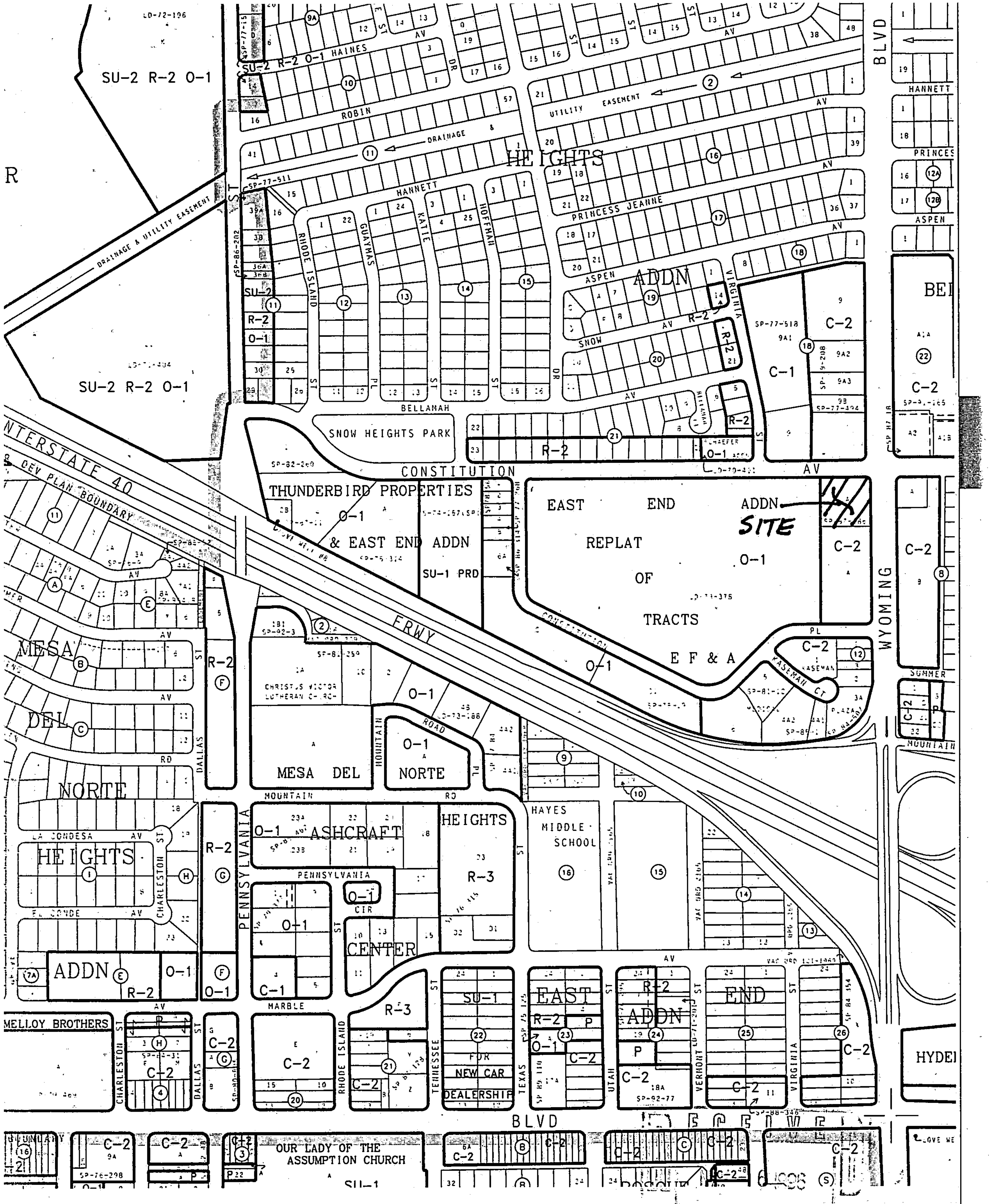
ZONE ATLAS J-19



REV. 11-5-96

August 1996
Revised November 1996





HYDROLOGY DIVISION

LEGAL DESCRIPTION



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

November 5, 1996

Ms. Lisa Manwill, PE
City of Albuquerque
Hydrology Department
Albuquerque, NM

**Re: Phillips 66 at Wyoming and Constitution NE (J19-D41) Revised Grading Plan Submittal
Revised Engineer's stamp date 11-5-96.**

Dear Ms. Manwill:

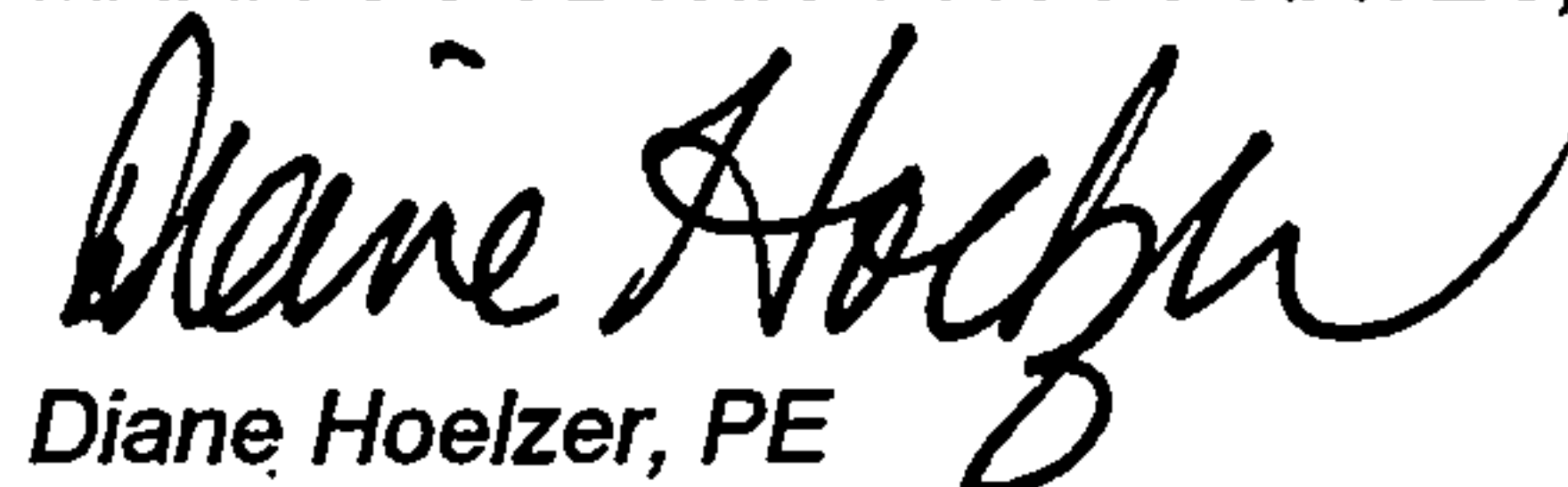
The previously approved Phillips 66 Grading and Drainage Plan dated 8-26-96 is being re-submitted to hydrology as a result of grading revisions required in order to accommodate comments from the COA - Zoning Department. Basically the grade changes throughout the site reflect a revision of the entrance slope at Wyoming Boulevard from 8.0% to 6.0% and a potential ponding problem at the southwest portion of the property. Originally, a request was made to change the entrance grades at Constitution Avenue from 5.0% to 4.0%, however I have worked out this issue with Zoning and the previously designed entrance grade of 5.0% is acceptable.

The previously approved drainage report remains unchanged. I have enclosed a revised Drainage Report cover sheet to reflect the revised grading plan engineer's stamp dated 11-5-96 to replace the previous Drainage Report cover sheet.

I have included a copy of my mark-up to facilitate your review of what was changed. If you have any questions please feel free to call me.

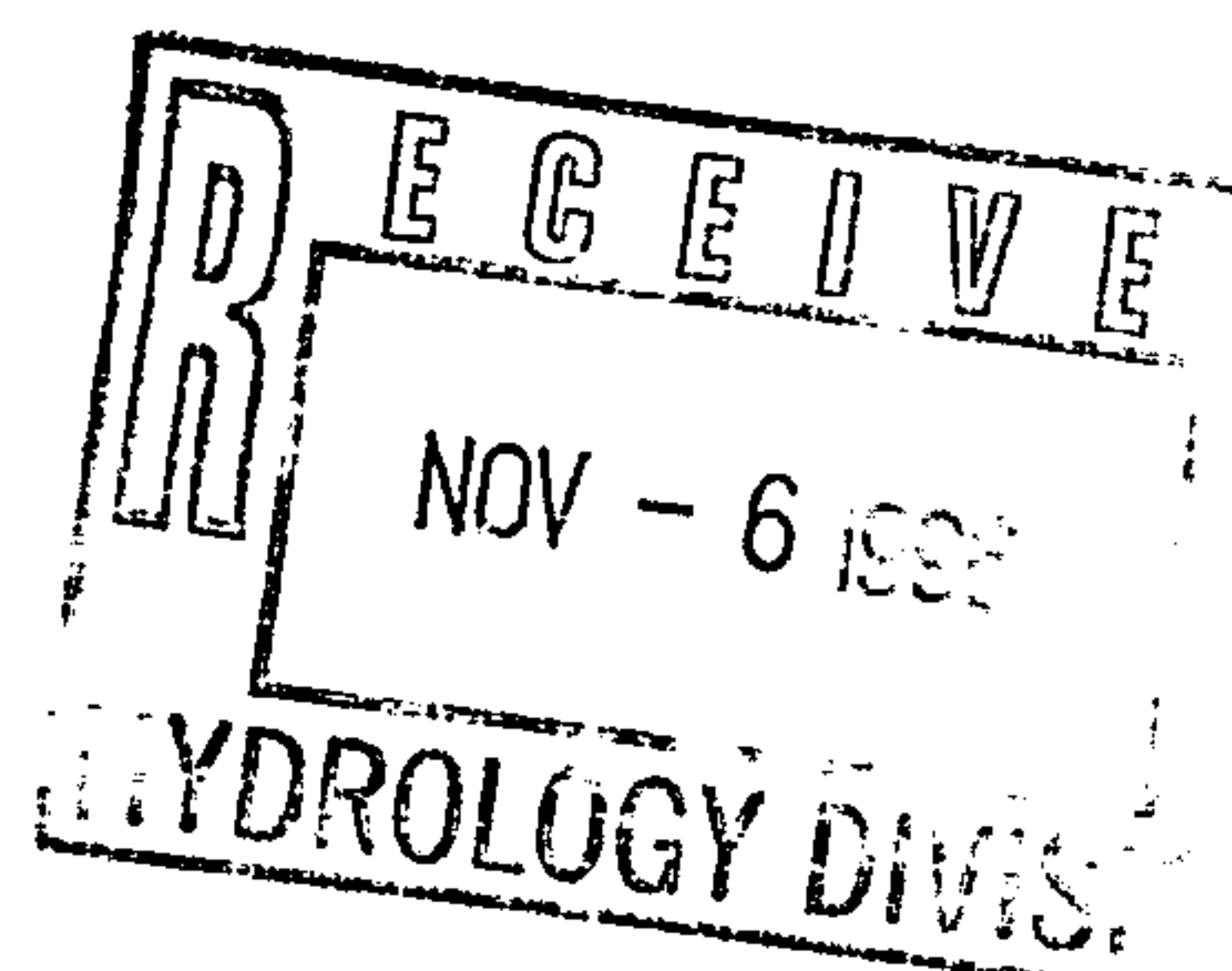
Sincerely,

MARK GOODWIN & ASSOCIATES, PA


Diane Hoelzer, PE

DHL/sb

b:\phillips.wyo\comments



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Phillips 66 - Wyoming/Constitution NE ZONE ATLAS/DRNG, FILE#: J-19/D41
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tr. A-1, East End Addition, portion of S18, T10N, R4E of NMPM, ABQ, Bernalillo, NM
CITY ADDRESS: 1331 Wyoming, NE Albuquerque, NM

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Diane Hoelzer PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Phillips 66 CONTACT: Ken Duck
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ARCHITECT: SLNB Architects CONTACT: Ken Duck
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: _____ CONTACT: _____
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TYPE OF SUBMITTAL:

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PRE-DESIGN MEETING:

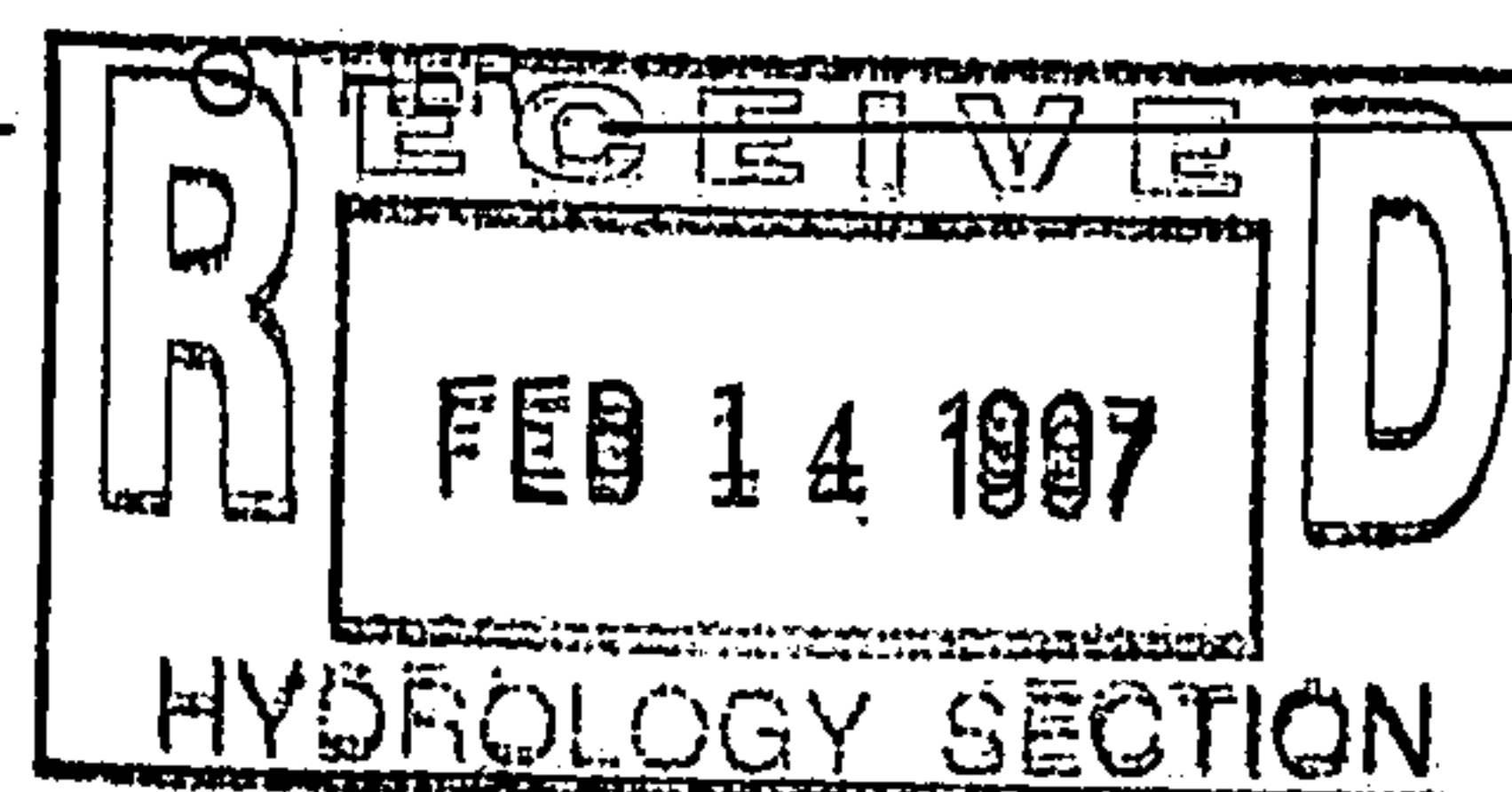
☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS

DATE SUBMITTED: 2-14-97

BY: Diane Hoelzer



(Specify)



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

February 14, 1997

Lisa Manwill, PE
City of Albuquerque
Hydrology Department
Plaza Del Sol
Albuquerque, NM

**RE: Phillips 66 at Wyoming and Constitution NE (J19-D41) Revised Grading Plan Submittal
Revised Engineer's stamp date 2-14-97.**

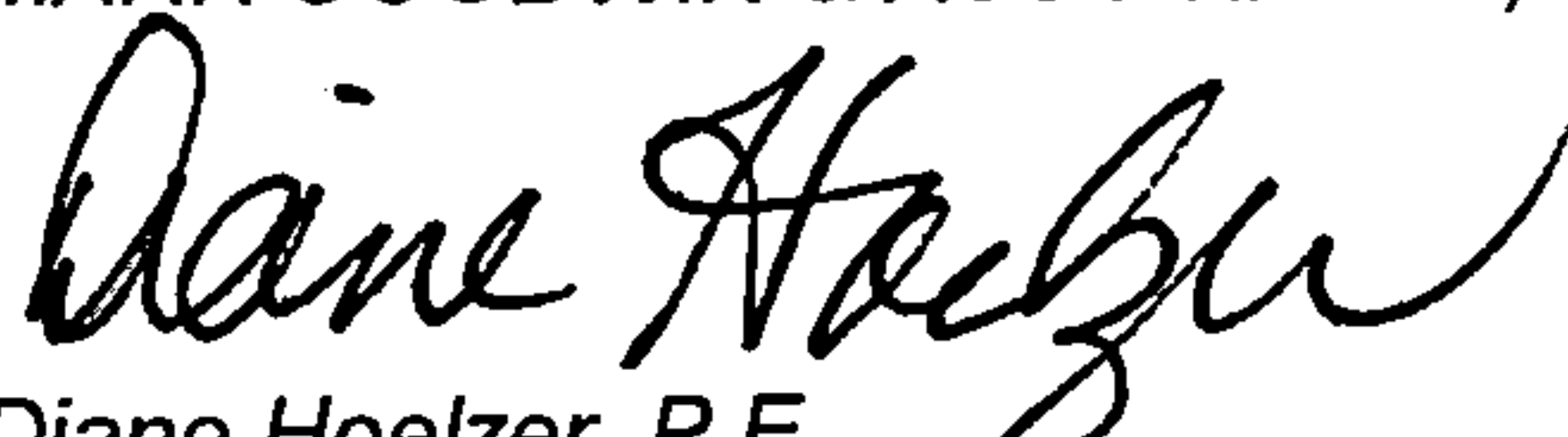
Dear Ms. Manwill,

The previously approved Phillips 66 Grading and Drainage Plan dated 11-5-96 is being re-submitted to hydrology as a result of grading revisions required in order to accommodate construction errors made in the field. Concrete was poured in the gas station service areas approximately 6" below grading plan grades and to remove would be expensive, so I have regraded a portion of the site to accommodate what has already been constructed.

I have included a copy of my mark-up to facilitate your review of what was changed. If you have any questions please feel free to call me. If this meets with your approval please let me know when I can send my runner down to pick up an approval letter.

Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.


Diane Hoelzer, P.E.



Martin J. Chávez, Mayor

Robert E. Gurulé, Director

May 27, 1997

Diane Hoelzer PE
D. Mark Goodwin & Associates Inc.
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: REVISED ENGINEER CERTIFICATION FOR PHILLIPS 66-WYOMING &
CONSTITUTION (J19-D41) ENGINEER'S CERTIFICATION STATEMENT
DATED 5/13/97

Dear Ms. Hoelzer:

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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

