

DRAINAGE INFORMATION SHEET

PROJECT TITLE: <u>Tract 5-A-1-A, Reindeer Addition</u>	ZONE ATLAS/DRNG. FILE #: <u>F-17/076</u>
DRB #: _____	EPC #: _____
WORK ORDER #: _____	
LEGAL DESCRIPTION: <u>TRACT 5-A-1-A, REINDEER ADDITION</u>	
CITY ADDRESS: _____	
ENGINEERING FIRM: <u>Advanced Engineering and Consulting, LLC</u>	CONTACT: <u>Shahab Biazar</u>
ADDRESS: <u>10205 Snowflake Ct. NW Alb., NM 87114</u>	PHONE: <u>(505) 899-5570</u>
OWNER: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
ARCHITECT: <u>MILLER AND ASSOCIATES</u>	CONTACT: <u>JAMES MILLER</u>
ADDRESS: <u>2823 RICHMOND DR., NE, ALBUQUERQUE, NM 87107</u>	PHONE: <u>884-1255</u>
SURVEYOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
CONTRACTOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____

TYPE OF SUBMITTAL:

- | | |
|-------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> | DRAINAGE REPORT |
| <input type="checkbox"/> | DRAINAGE PLAN |
| <input type="checkbox"/> | CONCEPTUAL GRADING & DRAINAGE PLAN |
| <input checked="" type="checkbox"/> | GRADING PLAN |
| <input type="checkbox"/> | EROSION CONTROL PLAN |
| <input type="checkbox"/> | ENGINEER'S CERTIFICATION |
| <input checked="" type="checkbox"/> | OTHER (SITE PLAN) |

PRE-DESIGN MEETING:

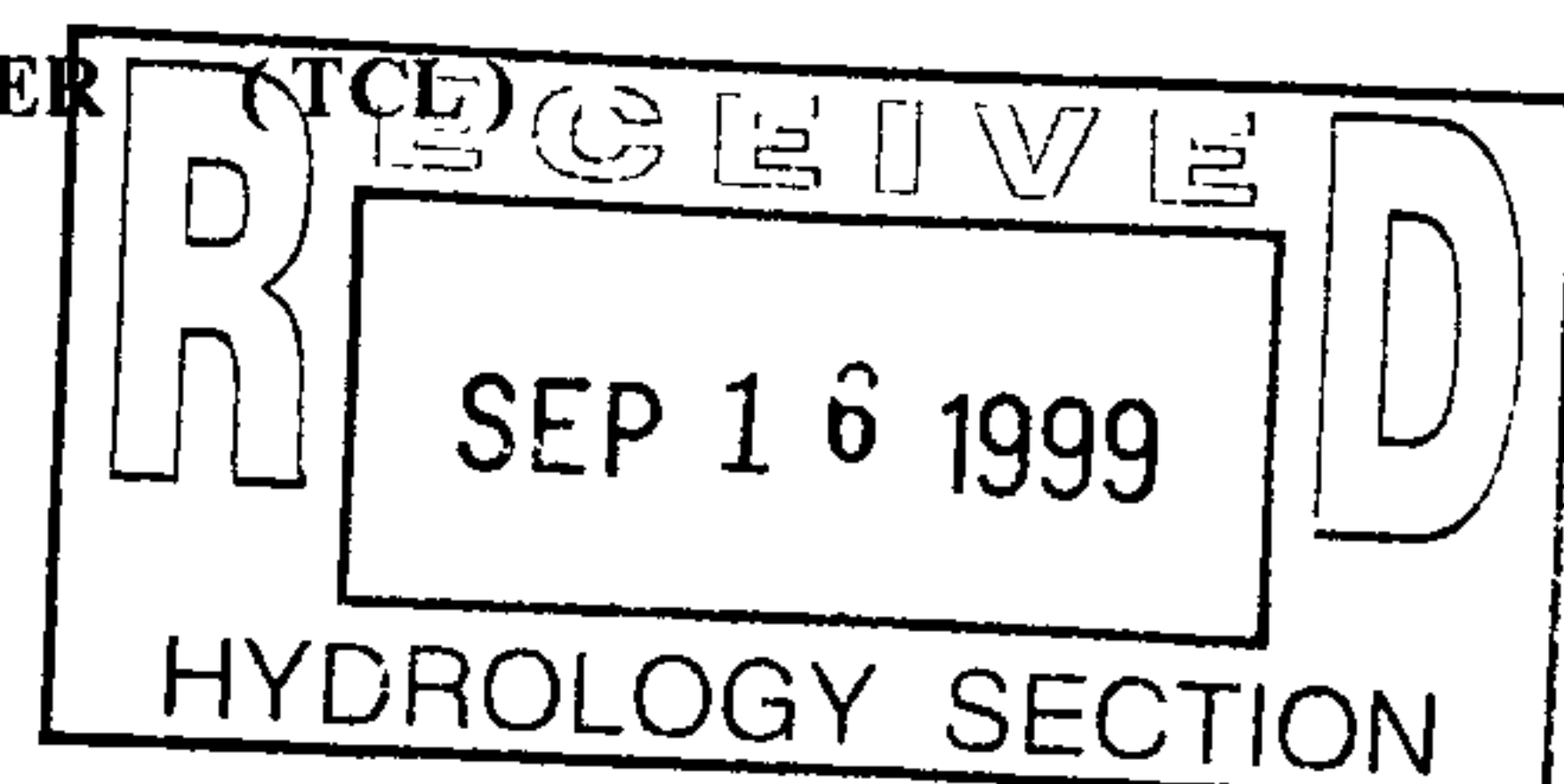
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| <input type="checkbox"/> | NO |
| <input type="checkbox"/> | COPY PROVIDED |

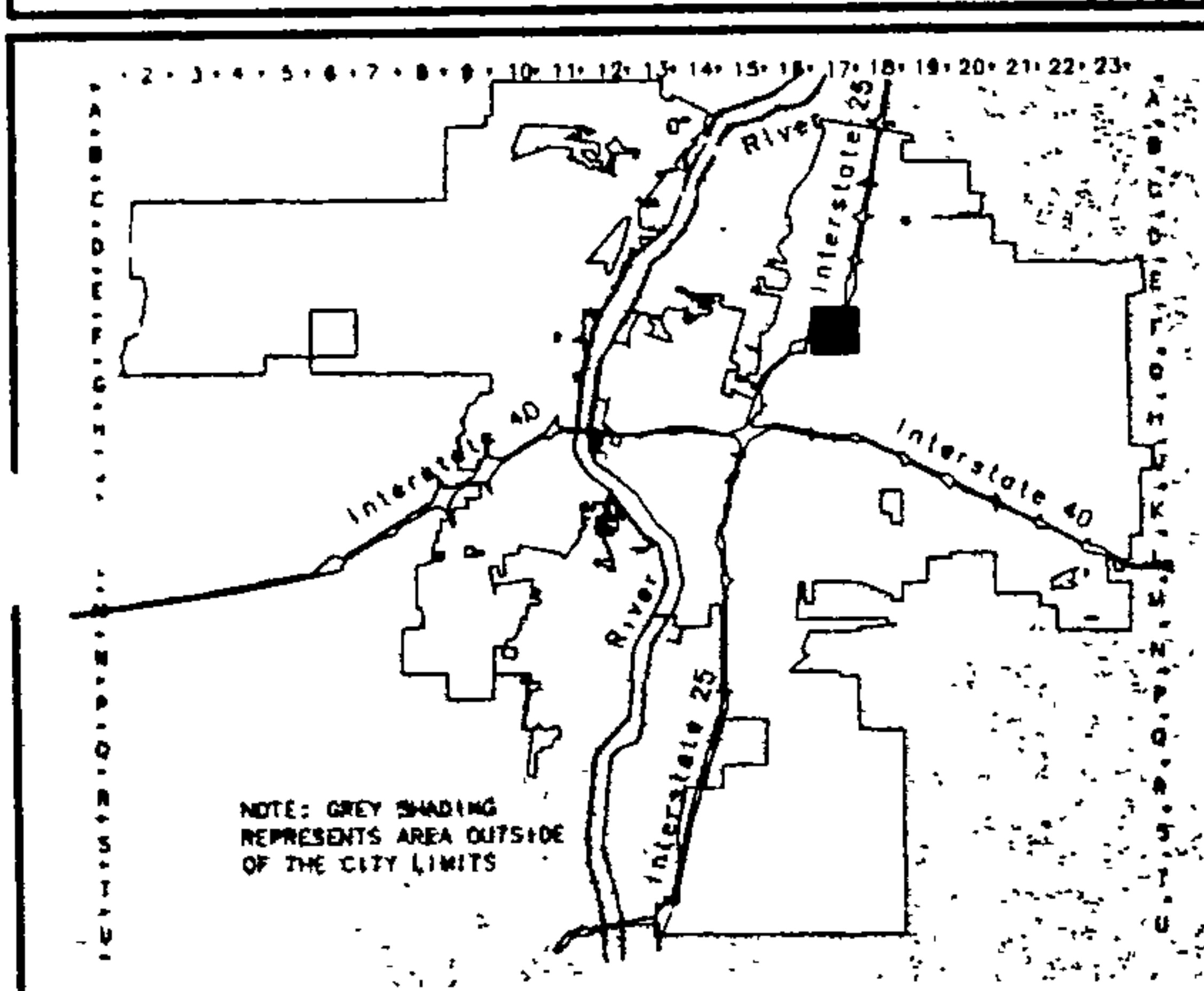
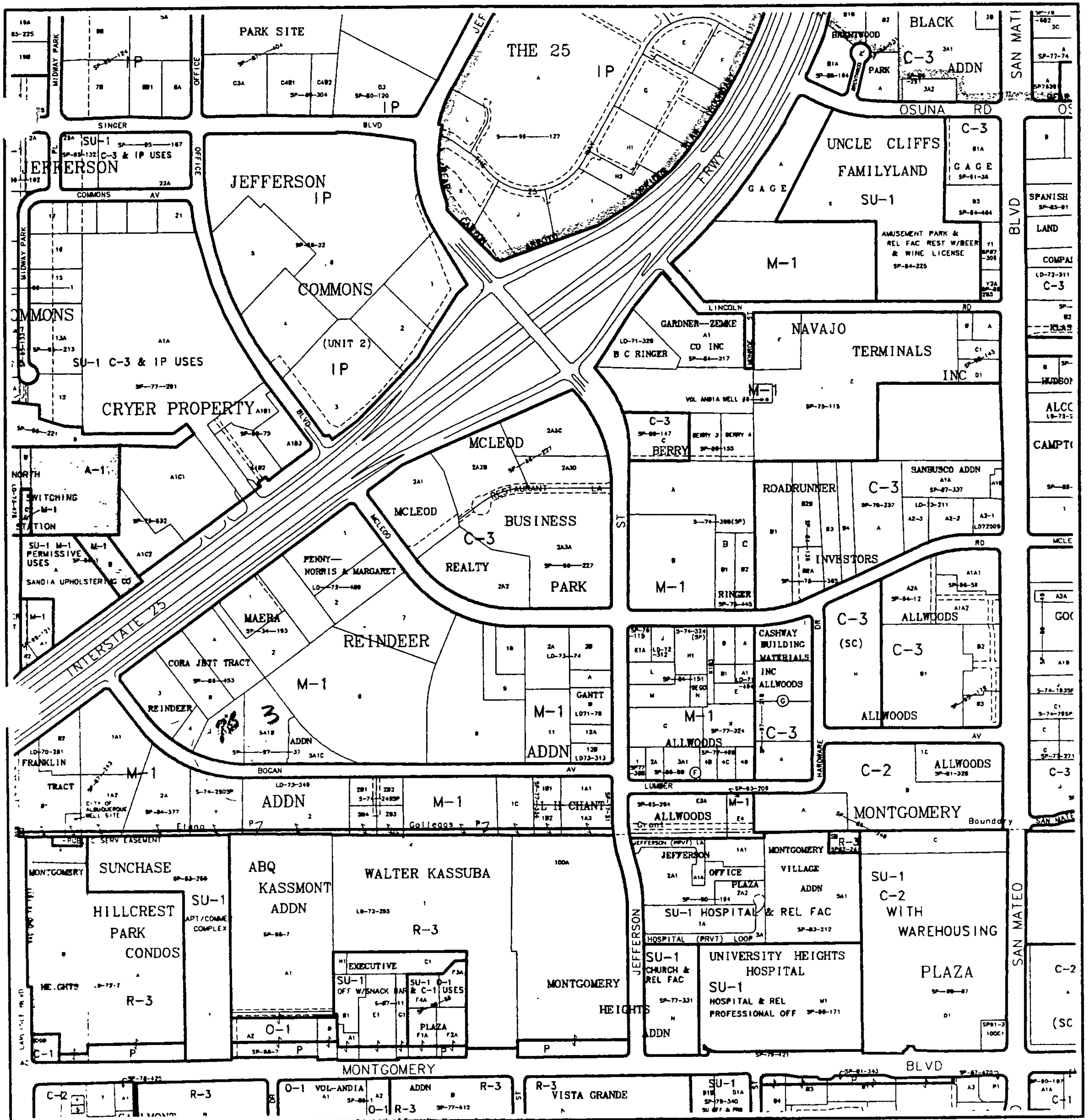
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| <input type="checkbox"/> | PRELIMINARY PLAT APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR SUB'D. APPROVAL |
| <input type="checkbox"/> | S. DEV. PLAN FOR BLDG. PERMIT APPROVAL |
| <input type="checkbox"/> | SECTOR PLAN APPROVAL |
| <input type="checkbox"/> | FINAL PLAT APPROVAL |
| <input type="checkbox"/> | FOUNDATION PERMIT APPROVAL |
| <input checked="" type="checkbox"/> | BUILDING PERMIT APPROVAL |
| <input type="checkbox"/> | CERTIFICATE OF OCCUPANCY APPROVAL |
| <input checked="" type="checkbox"/> | GRADING PERMIT APPROVAL |
| <input type="checkbox"/> | PAVING PERMIT APPROVAL |
| <input type="checkbox"/> | S. A. D. DRAINAGE REPORT |
| <input type="checkbox"/> | DRAINAGE REQUIREMENTS |
| <input checked="" type="checkbox"/> | SO-19 |
| <input checked="" type="checkbox"/> | OTHER (TCL) |

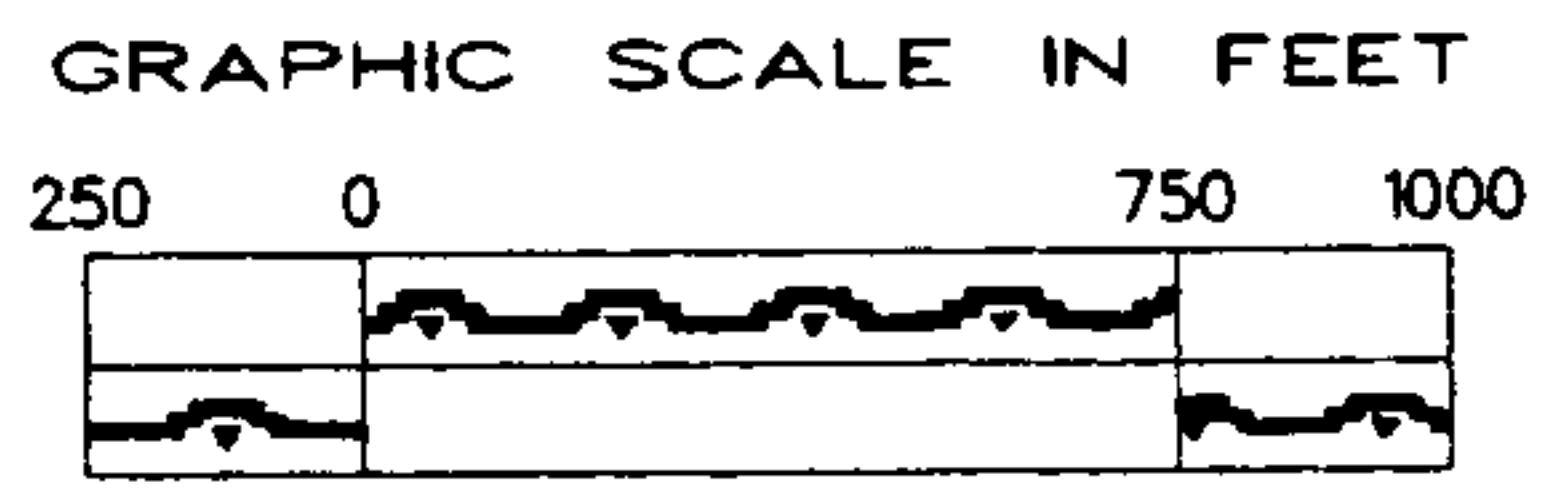
DATE SUBMITTED: 09 / 04 / 99

BY: SHAHAB BIAZAR





CITY OF
Albuquerque
Geographic Information System
PLANNING DEPARTMENT
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Zone Atlas Page
F-17-Z
Map Amended through July 28, 2000



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 2, 2000

Shahab Biazar, P.E.
Advanced Engineering and Consulting
10205 Snowflake Gourt, NW
Albuquerque, N.M. 87114

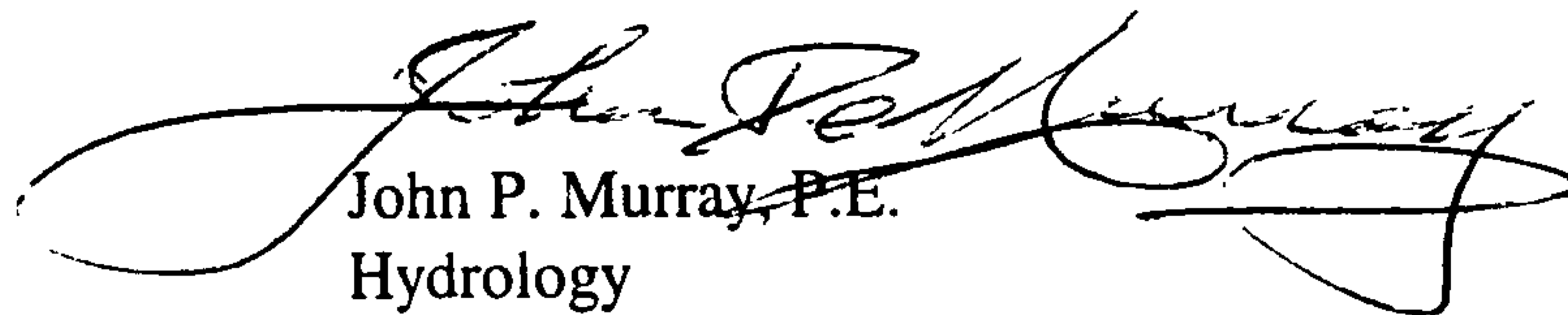
***RE: TRACT 5-A-1-A, REINDEER ADDITION, 3901 Bogan Street NE (E17-D76).
AS-BUILT GRADES (Engineer's Certification) FOR CERTIFICATE OF
OCCUPANCY APPPROVAL. ENGINEER'S STAMP DATED APRIL 21, 2000 AND
LETTER DATED MAY 30, 2000.***

Dear Mr. Biazar:

Based on the information provided on your May 30, 2000 submittal, the above referenced project is approved for FINAL 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: Tract 5-A-1-A, Reindeer Addition ZONE ATLAS/DRNG. FILE #: F-17/D76

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

LEGAL DESCRIPTION: Tract 5-A-1-A, Reindeer Addition

CITY ADDRESS: 3901 Bogan St., NE

ENGINEERING FIRM: Advanced Engineering and Consulting, LLC CONTACT: Shahab Biazar

ADDRESS: 10205 Snowflake Ct. NW Alb., NM 87114 PHONE: (505) 899-5570

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: Miller And Associates CONTACT: _____

ADDRESS: 2833 Richmond Dr., NE Alb. nm 87107 PHONE: (505) 345-2380

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

☒ AS-BUILT GRADES

PRE-DESIGN MEETING:

☐ YES

☐ NO

☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAN 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

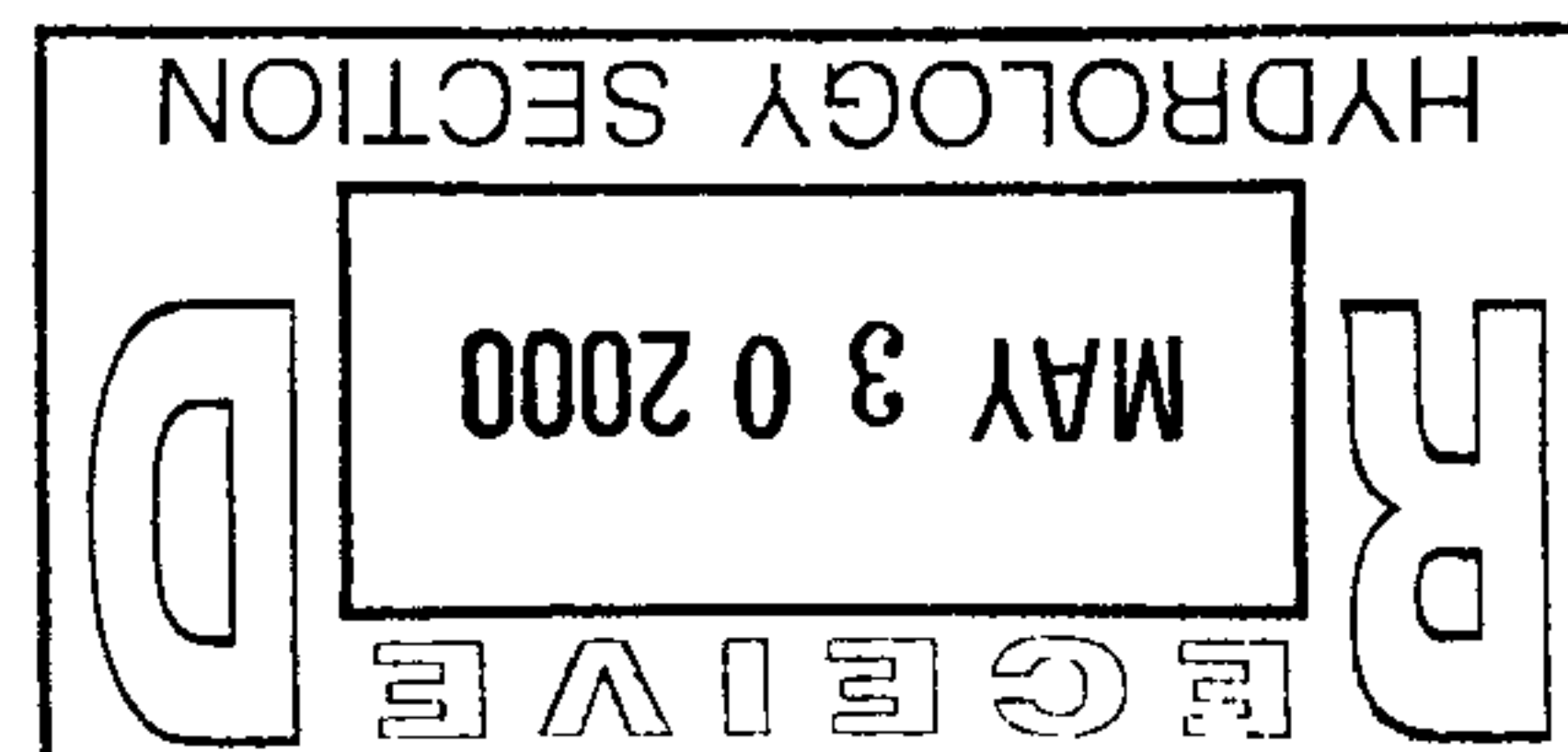
☐ S. A. D. DRAINAGE REPORT

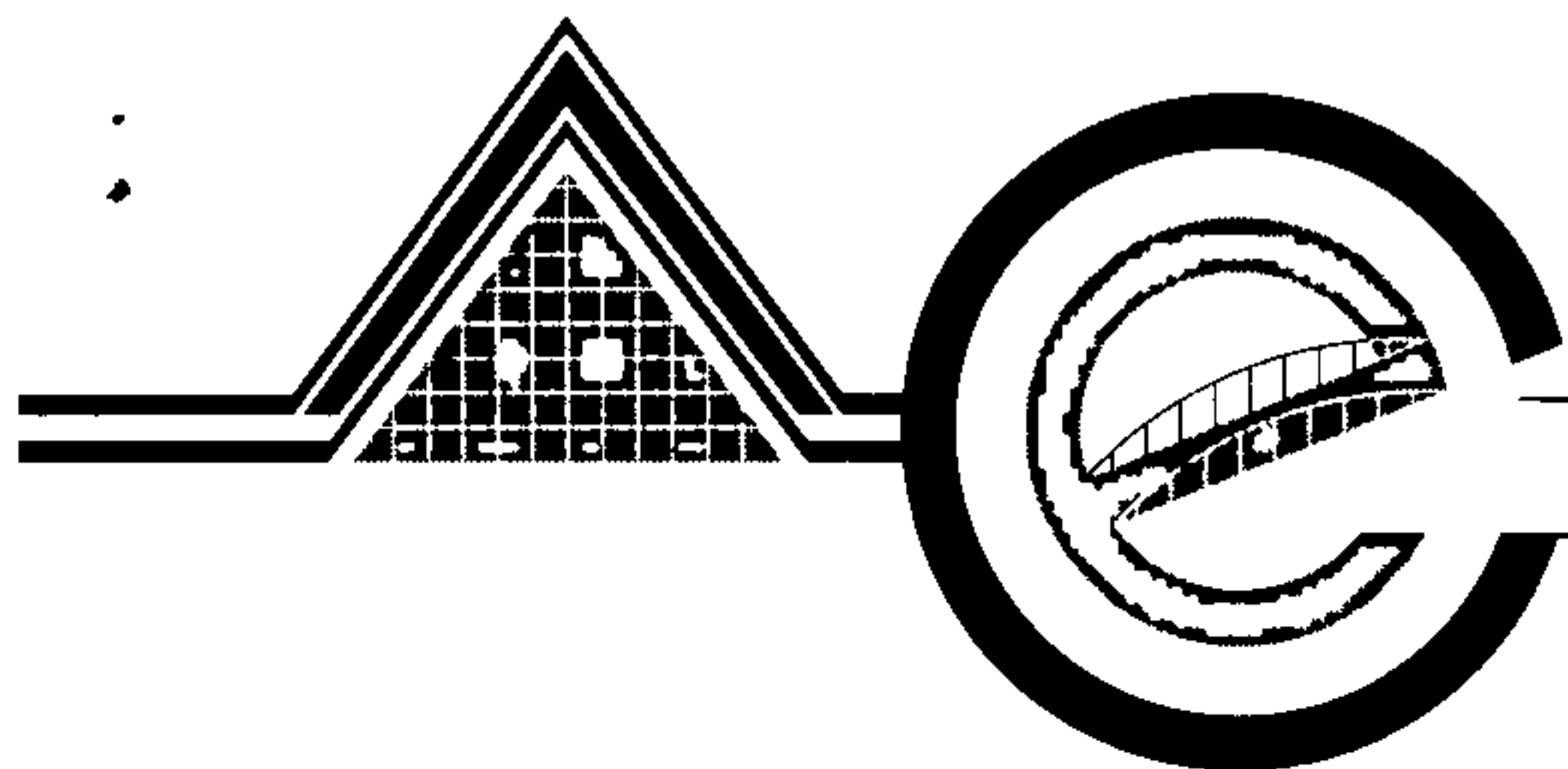
☐ DRAINAGE REQUIREMENTS

☒ FINAL CERTIFICATE OF OCCUPANCY

DATE SUBMITTED: 05/30/00

BY: SHAHAB BIAZAR





ADVANCED ENGINEERING and CONSULTING, LLC

May 30, 2000

*Consulting
Design
Development
Management
Inspection*

Bradley L. Bingham, PE
City of Albuquerque
Hydrology Department
P. O. Box 1293
Albuquerque, New Mexico 87103

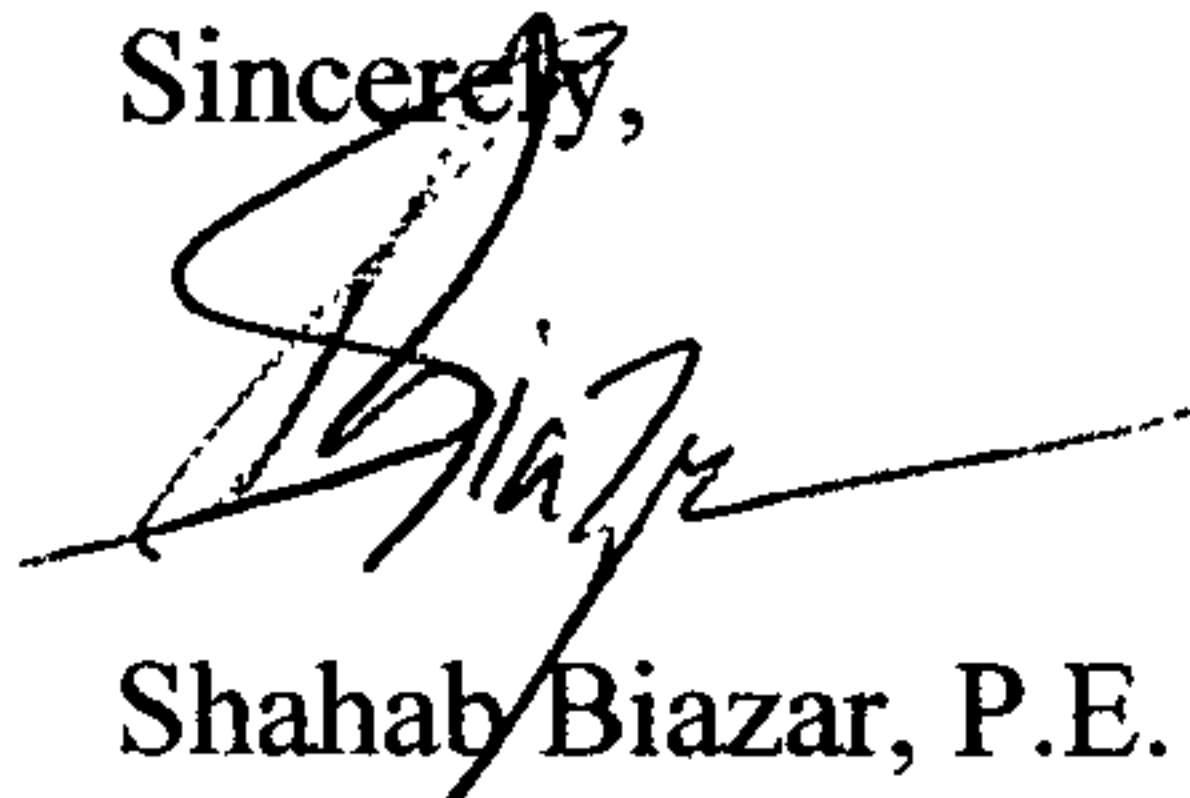
**RE: Final Certification for F-17/D76, Tract 5-A-1-A Reindeer Addition
3901 Bogan St., NE**

Dear Mr. Bingham:

Enclosed please find one copy of the as-built Grading Plan for Tract 5-A-1-A Reindeer Addition, 3901 Bogan St., NE. We are requesting a Final Certification of Occupancy for the site. The site is paved, and the landscaping is completed. The grades are built according to the grading and drainage plan.

If you have any questions regarding this letter or any other items pertaining to this project, please do not hesitate to contact me.

Sincerely,



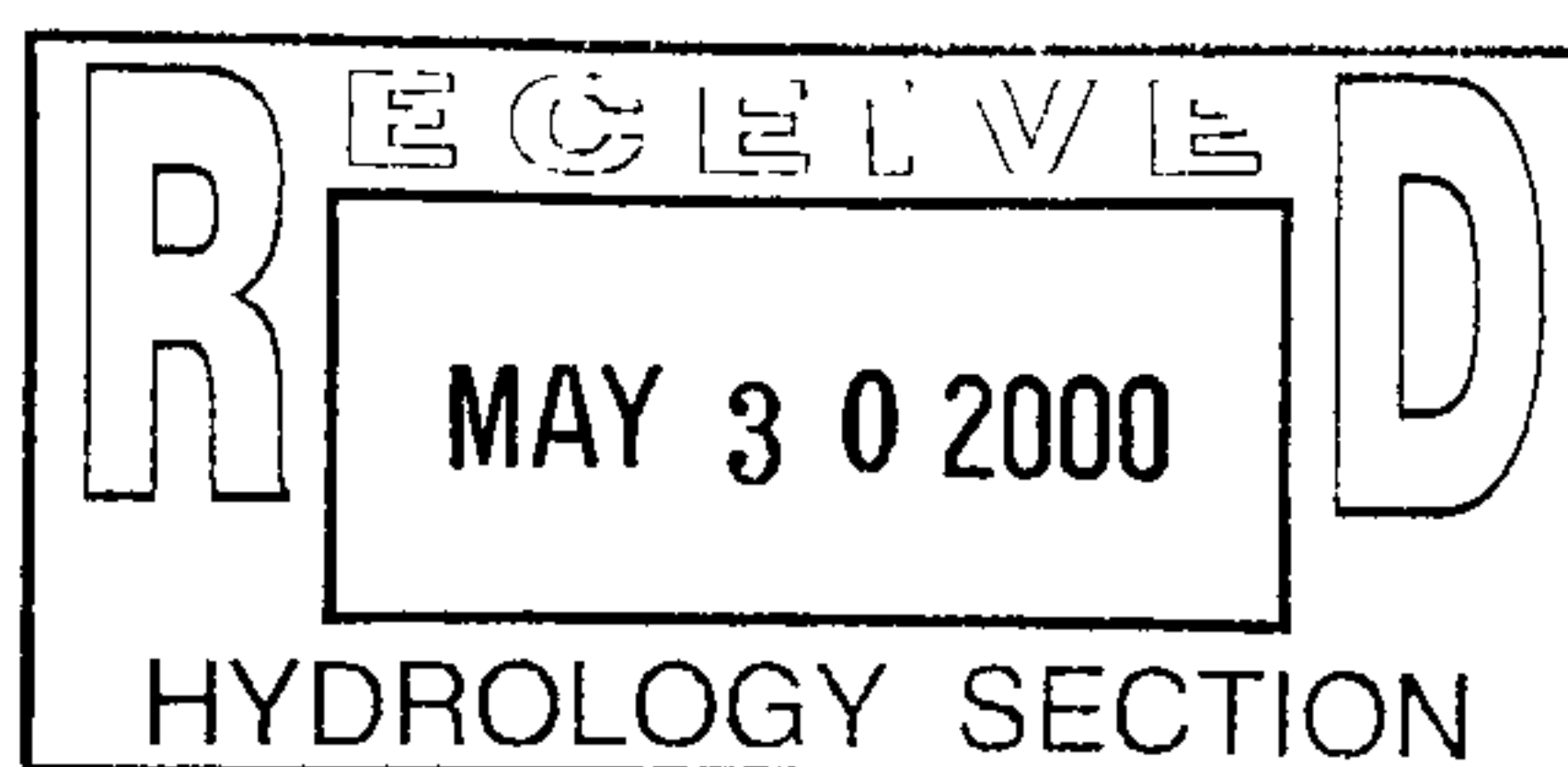
Shahab Biazar, P.E.

Enclosure

cc: Larry M. Hill

JN: 9924

sb



9924-cer wpd

DRAINAGE INFORMATION SHEET

PROJECT TITLE: <u>Tract 5-A-1-A, Reindeer Addition</u>	ZONE ATLAS/DRNG. FILE #: <u>F-17/D76</u>
DRB #: _____	EPC #: _____
WORK ORDER #: _____	
LEGAL DESCRIPTION: <u>Tract 5-A-1-A, Reindeer Addition</u>	
CITY ADDRESS: _____	
ENGINEERING FIRM: <u>Advanced Engineering and Consulting, LLC</u>	CONTACT: <u>Shahab Biazar</u>
ADDRESS: <u>10205 Snowflake Ct. NW Alb., NM 87114</u>	PHONE: <u>(505) 899-5570</u>
OWNER: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
ARCHITECT: <u>Miller And Associates</u>	CONTACT: _____
ADDRESS: <u>2833 Richmond Dr., NE Alb. nm 87107</u>	PHONE: <u>(505) 345-2380</u>
SURVEYOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
CONTRACTOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____

TYPE OF SUBMITTAL:

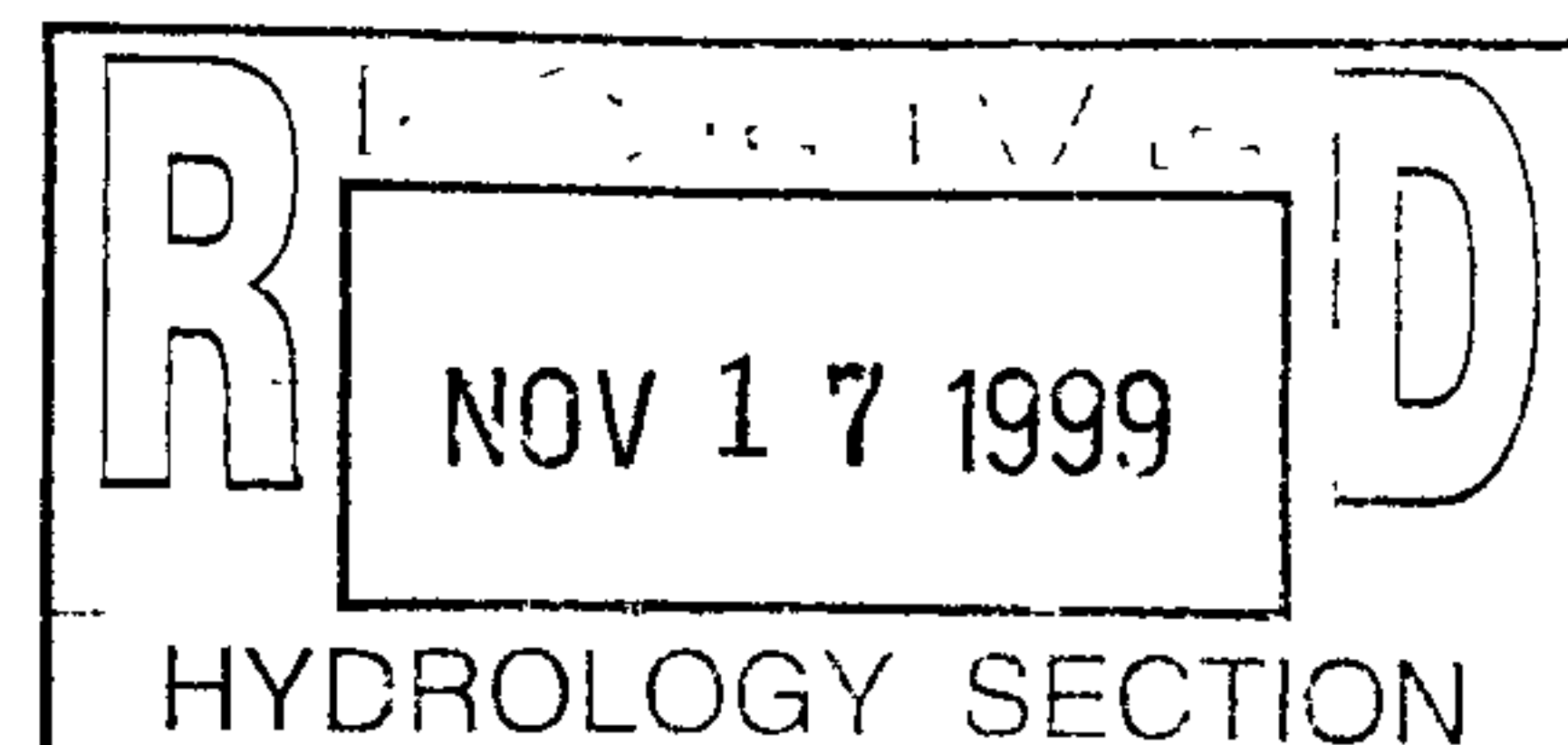
<u> X </u>	DRAINAGE REPORT
<u> </u>	DRAINAGE PLAN
<u> </u>	CONCEPTUAL GRADING & DRAINAGE PLAN
<u> X </u>	GRADING PLAN
<u> </u>	EROSION CONTROL PLAN
<u> </u>	ENGINEER'S CERTIFICATION
<u> </u>	OTHER

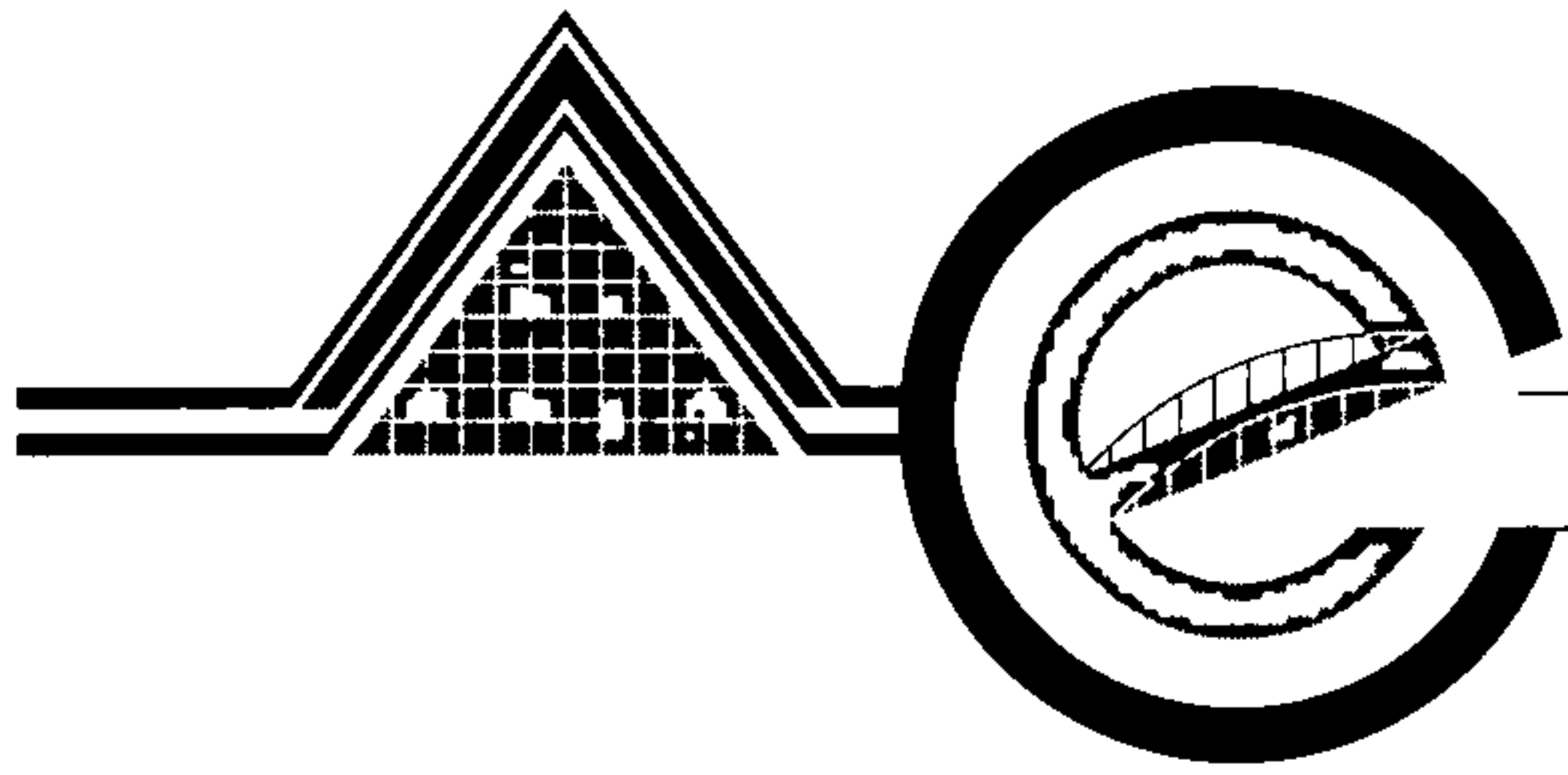
PRE-DESIGN MEETING:

<u> </u>	YES
<u> </u>	NO
<u> </u>	COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

<u> </u>	SKETCH PLAN APPROVAL
<u> </u>	PRELIMINARY PLAT APPROVAL
<u> </u>	S. DEV. PLAN FOR SUB'D. APPROVAL
<u> </u>	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
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<u> </u>	FINAL PLAT APPROVAL
<u> </u>	FOUNDATION PERMIT APPROVAL
<u> X </u>	BUILDING PERMIT APPROVAL
<u> </u>	CERTIFICATE OF OCCUPANCY APPROVAL
<u> X </u>	GRADING PERMIT APPROVAL
<u> </u>	PAVING PERMIT APPROVAL
<u> </u>	S. A. D. DRAINAGE REPORT
<u> </u>	DRAINAGE REQUIREMENTS
<u> X </u>	SO-19

DATE SUBMITTED: 11 / 16 / 99**BY:** SHAHAB BIAZAR



ADVANCED ENGINEERING and CONSULTING, LLC

*Consulting
Design
Development
Management
Inspection*

November 16, 1999

Mr. Bradley L. Bingham, P.E.
Hydrology Review Engineer
600 Second Street NW
Albuquerque, New Mexico 87102

RE: REVISED GRADING/DRAINAGE PLAN FOR TRACT 5-A-1-A, REINDEER ADDITION,
(F17/D76)

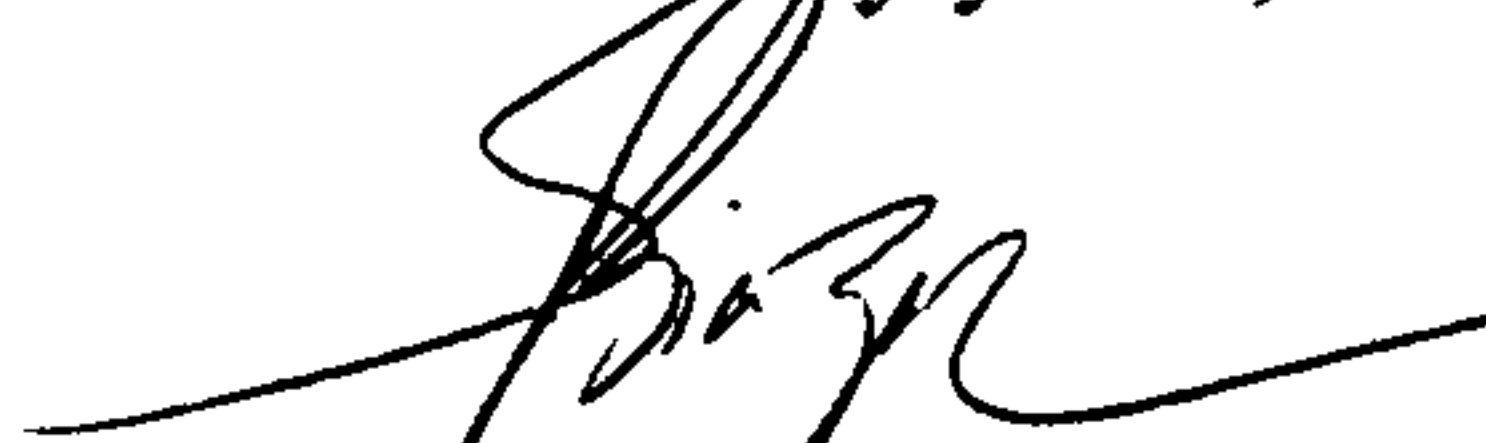
Dear Mr. Bingham:

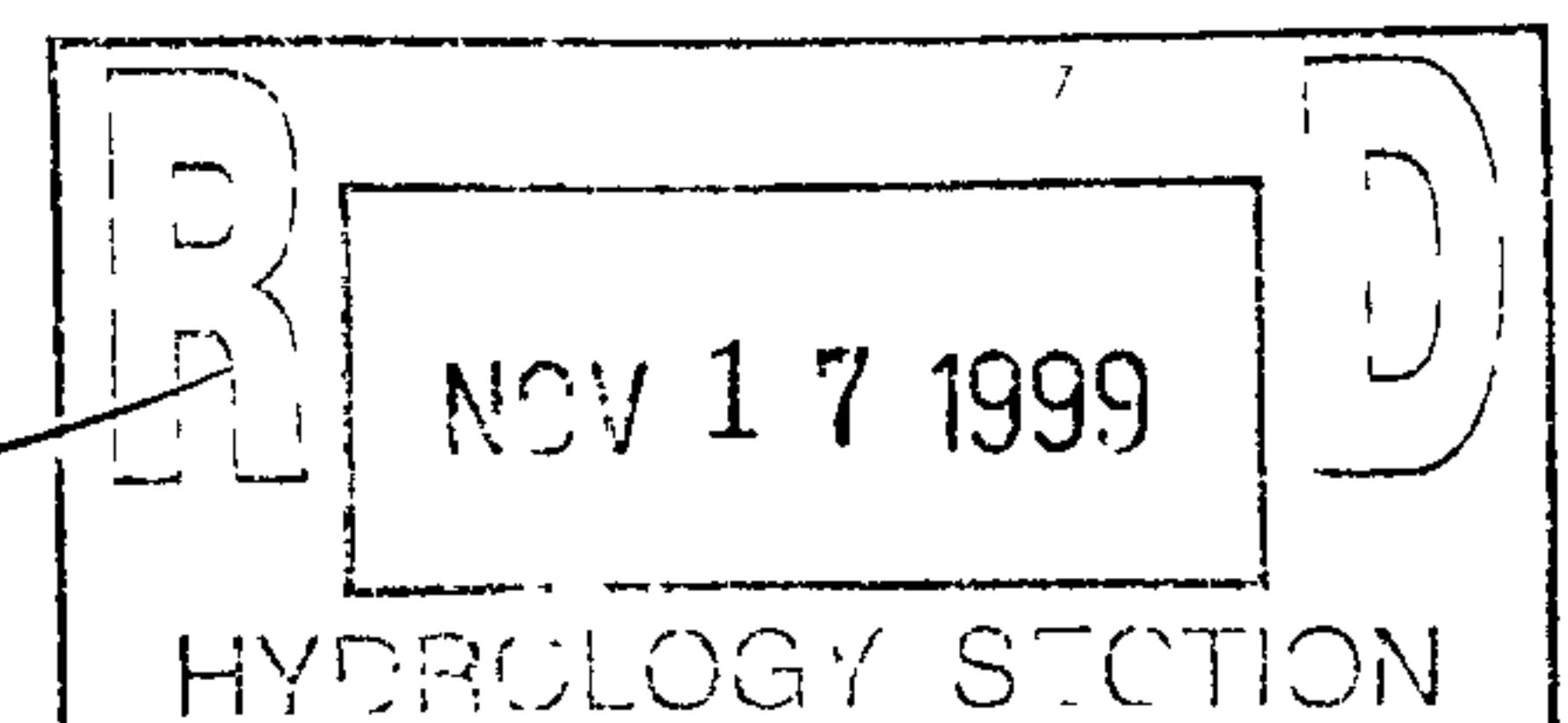
This letter is in response to your comments sent on November 10, 1999 for the above referenced site:

1. According to the Architect this layout is the latest changes all the site plan. More details is added to the drainage report in order to clarify the 2.50 cfs contributing flow. The drainage pipe calculations are also revised.
2.
 - i) The actual retaining wall design will be done by others during the building permit process, but detail heights and dimensions of the retaining wall are shown on the grading plan.
 - ii) The swale on the cross-sections has been dimensioned.
 - iii) An exhibit is added to the drainage report showing all the areas which will be landscaped. The landscaping will consist of mostly gravel, few trees, low water plants, and bushes.
 - iv) A detail of the outlet is added to the grading plan.
 - v) Additional flow arrows and spot elevation are added along the property line.

Please contact me if there are any questions or concerns regarding this submittal.

Sincerely yours,


Shahab Biazar, P.E.





City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103
PUBLIC WORKS DEPARTMENT

November 18, 1999

INTEROFFICE CORRESPONDENCE

HYDROLOGY DIVISION

TO: Desiderio Salas, Street Maintenance Division

FROM: Bradley L. Bingham PE, Hydrology Div., PWD *BLB*

SUBJECT: **PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHT-OF-WAY
DRAINAGE FILE NUMBER (F17/D76).**

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

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 SO#19 is required by this office for Certificate of Occupancy release; therefore your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of Certificate of Occupancy.

Thank you for your cooperation and if you should have any questions and/or comments, please feel free to call me at 924-3986.

Attachment



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 17, 1999

Shahab Biazar PE
Advanced Engineering and Consulting
10205 Snowflake Ct NW
Albuquerque, NM 87114

**Re: Tract 5-A-1-A, Reindeer Addition Grading and Drainage Plan
Engineer's Stamp dated 11-16-99 (F17/D76)**

Dear Mr. Biazar,

Based upon the information provided in your submittal dated 11-17-99, the above referenced site can be approved for Building Permit and SO19 Permit contingent upon Transportation approval of the TCL. Keep in mind that your grading and drainage plan needs to be identical. If there are major revisions to the site, a resubmittal will be required. I cannot issue a rough grading permit at this time until the TCL has been approved.

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

Sincerely,

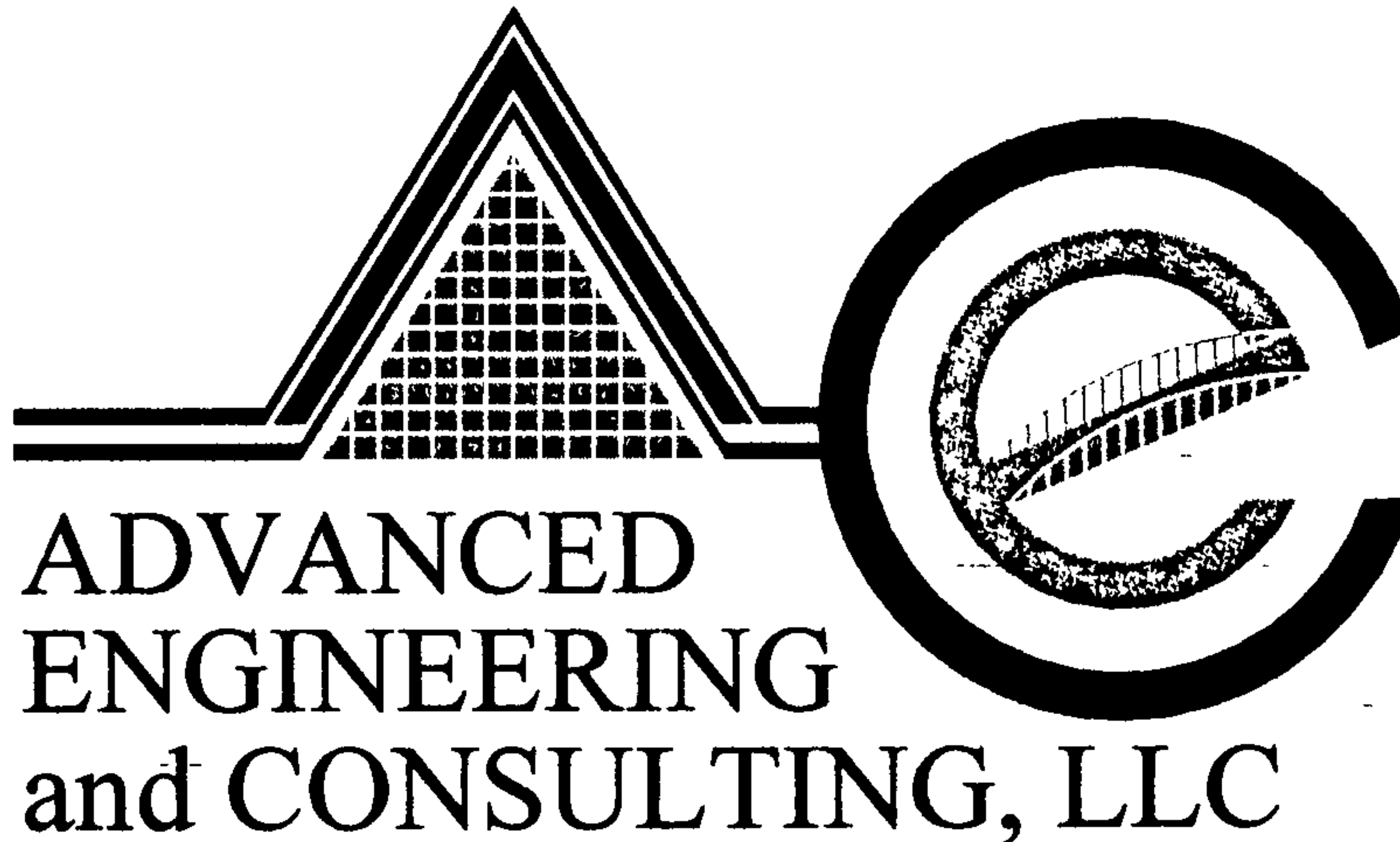
Bradley L. Bingham, PE
Hydrology Review Engineer

C: Mike Zamora, Transportation Plans Checker
file J
WR

DRAINAGE REPORT --
FOR

Tract 5-A-1-A Reindeer Addition

Prepared by:



10205 Snowflake Ct. NW
Albuquerque, New Mexico 87114

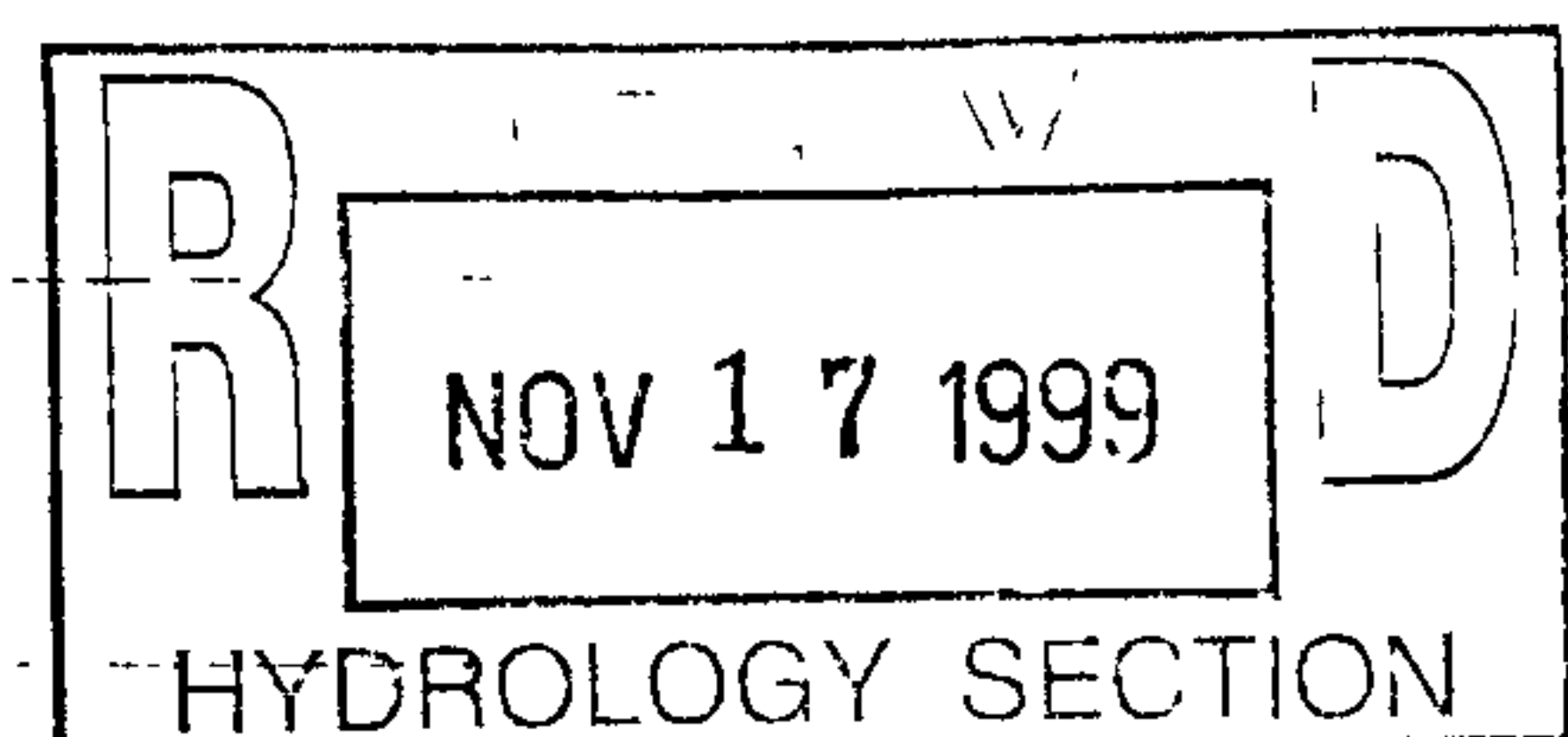
Prepared For:

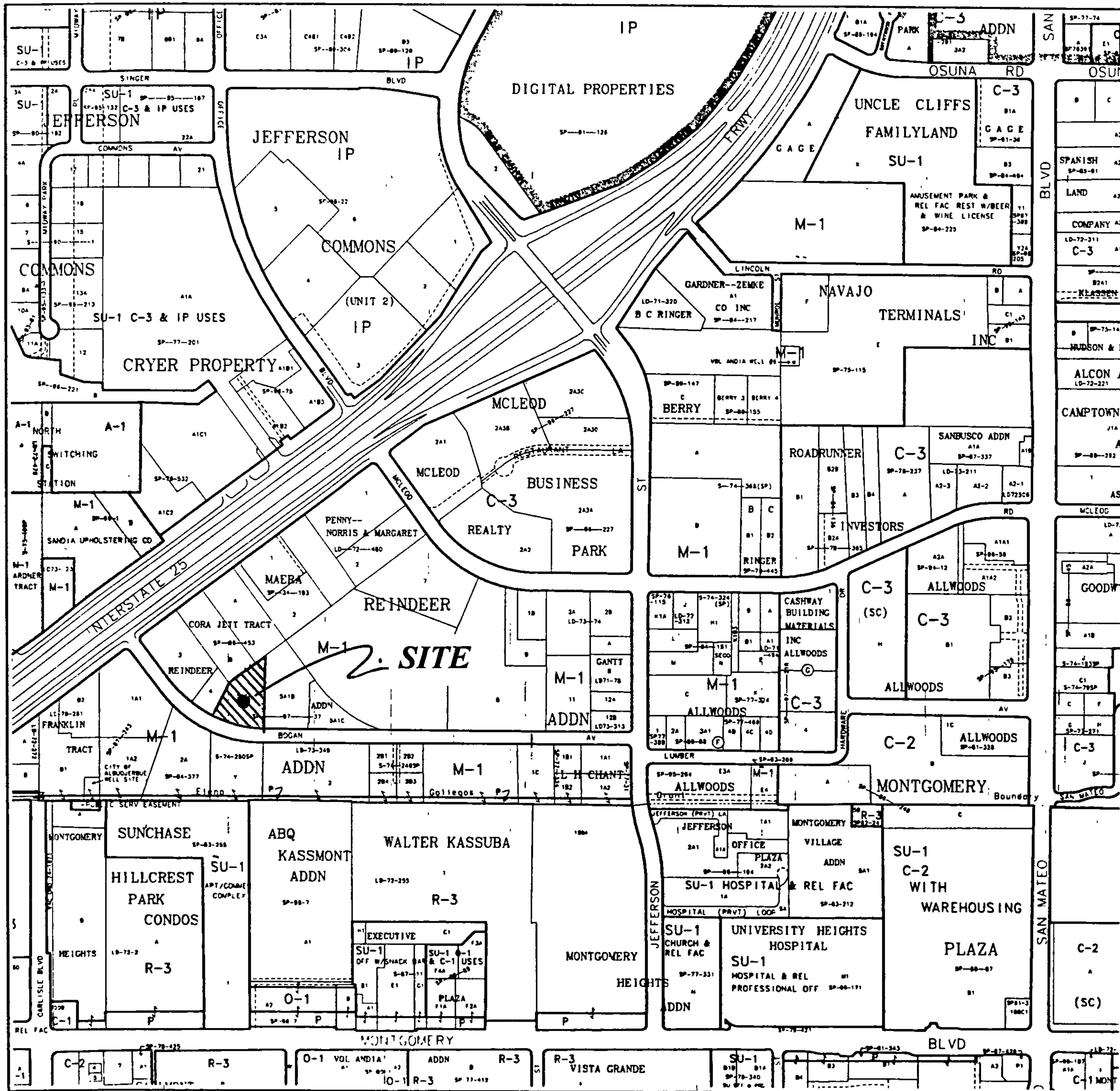
Miller & Associates
2823 Richmond Dr., NE
Albuquerque, NM 87107

September, 1999
Revised November, 1999



Shahab Biazar
PE NO. 13479

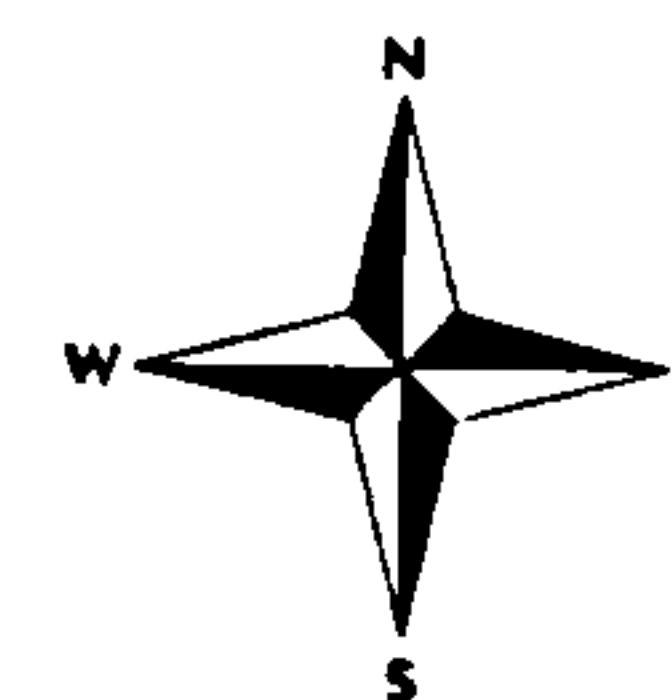




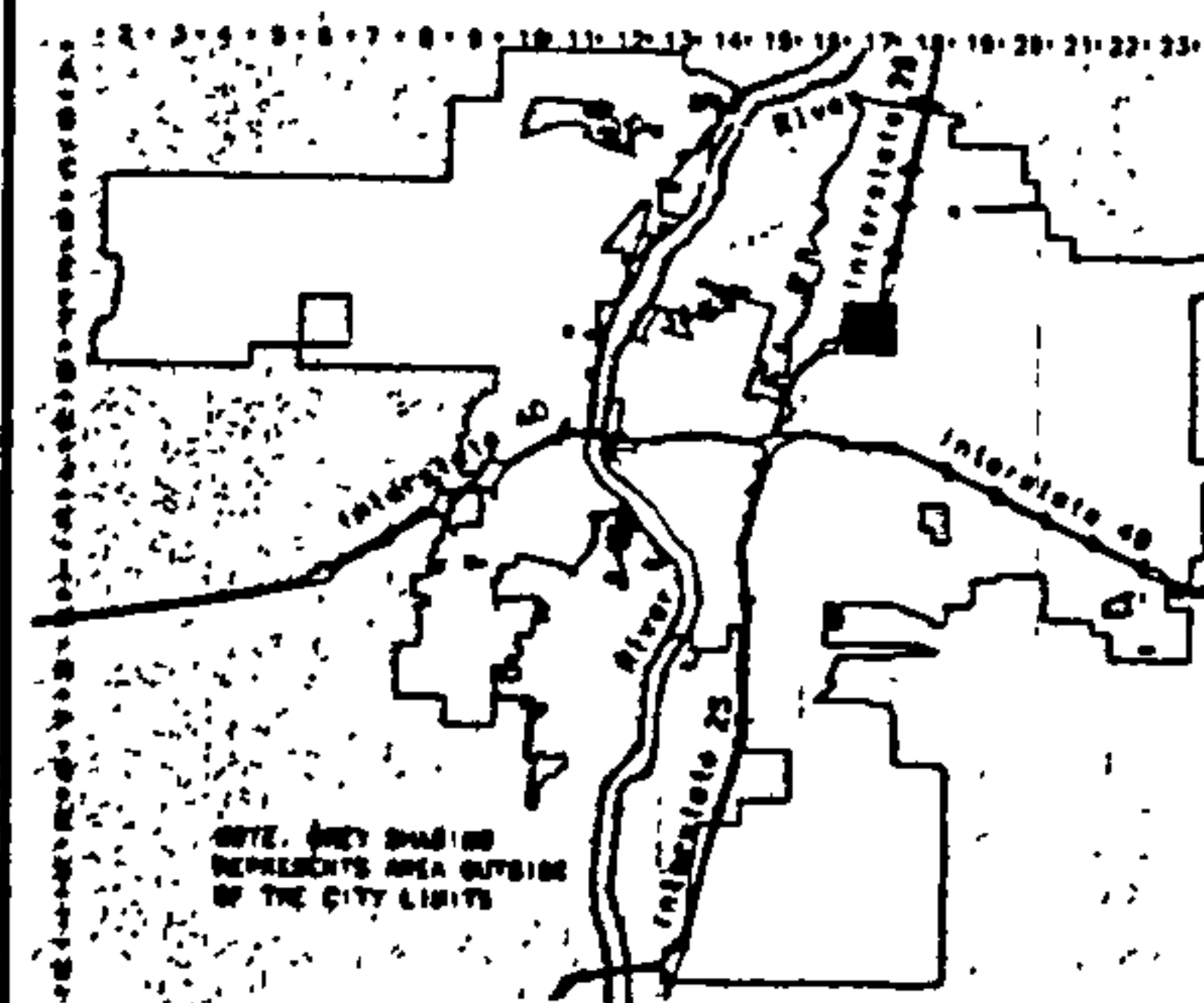
CITY OF
Albuquerque

Albuquerque Geographic Information System
PLANNING DEPARTMENT

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GRAPHIC SCALE IN FEET



Zone Atlas Page
F-17-Z

Map Amended through
December 09, 1998

Location

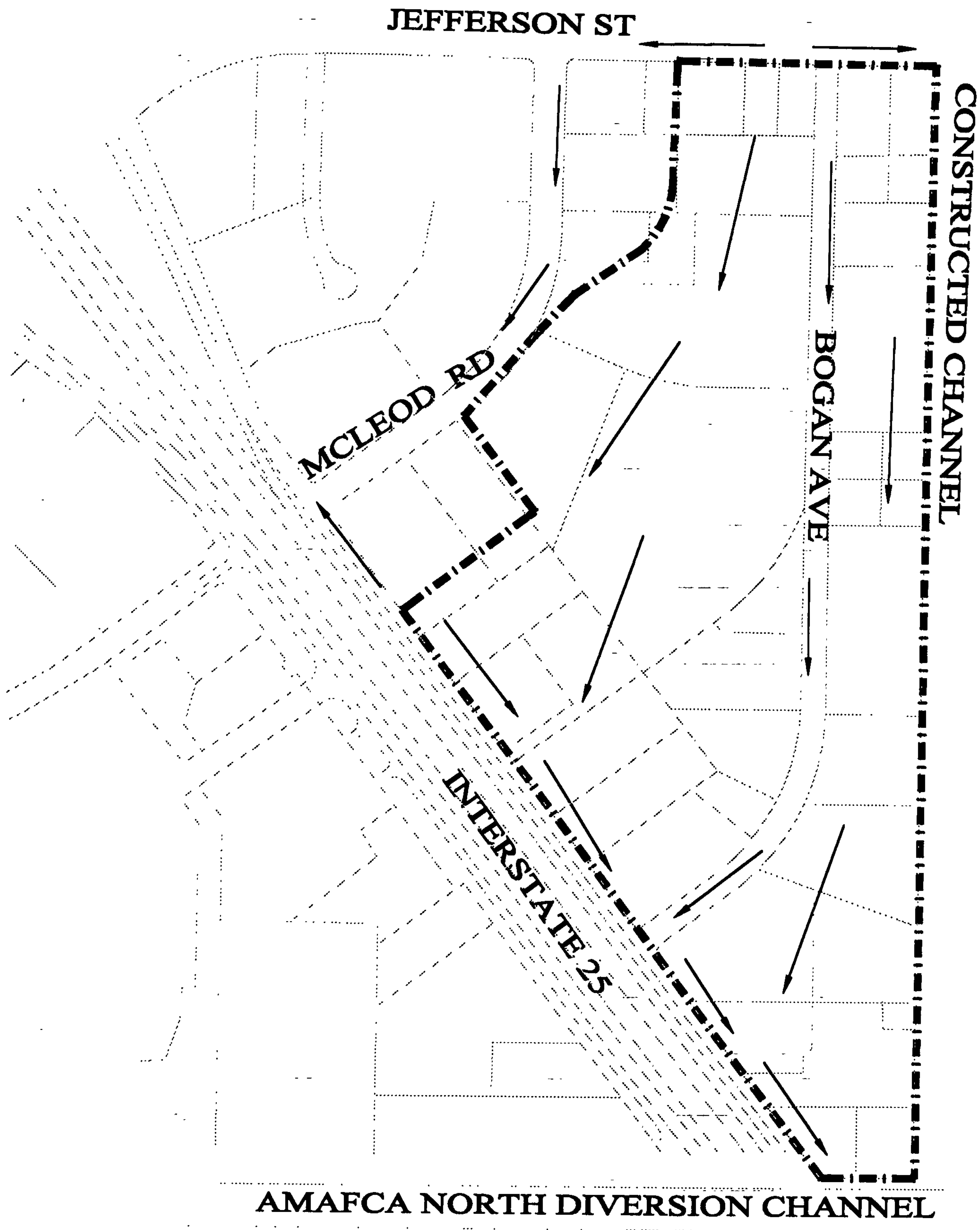
Tract 5-A-1-A, Reindeer Addition is approximately 600' east of I-25 Frontage Road located on the north side of Bogan Avenue. See attached Vicinity Map F-17-Z for the location of the site.

Purpose

The owners are proposing to build two new buildings on this Tract.

Existing Drainage Conditions

The site falls within an overall drainage basin of ± 80 acres. The site under the 100-year, 6-hour storm generates 326.45 cfs. The runoff from the basin drains west to I-25 Frontage Road, and from there the runoff drains south to AMAFCA North Diversion Channel. Tract 5-A-1-A drains south to Bogan Avenue and then west to the Frontage Road. The site generate a runoff of 2.61 cfs. This Tract has been used over time for storage and contains some existing concrete slabs and gravel base material on site. No offsite runoff enter the site. The runoff to the east and west drain south to Bogan Avenue. The runoff to the north drains west, and the runoff to the south is intercepted by Bogan Avenue.



OVERALL BASIN MAP

Flood Plain

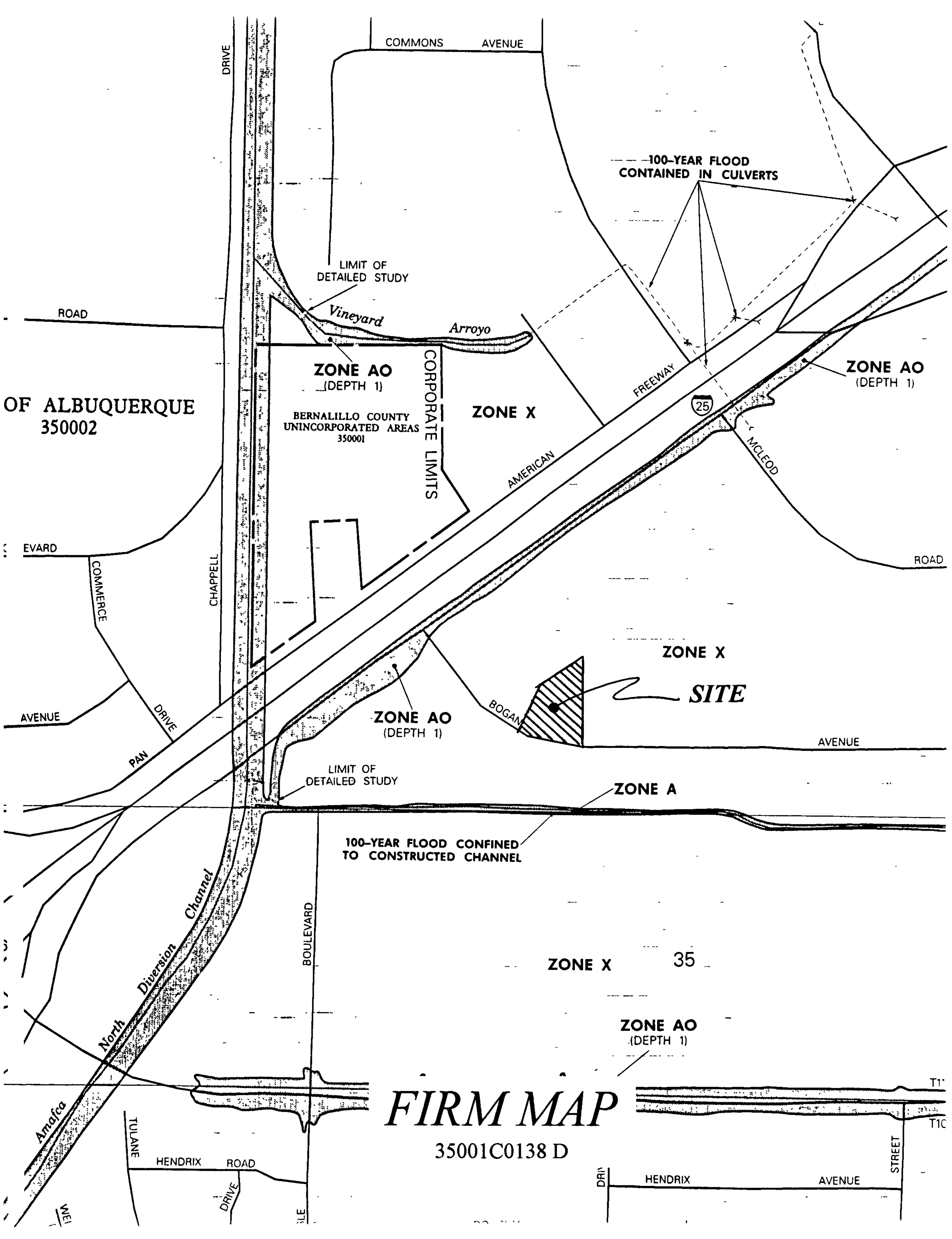
The site falls within FIRM Map No. 35001C 0138 D, as shown on the attached excerpt. The map shows that the site lies within a 500-year flood plain Zone X.

Proposed Conditions and On-Site Drainage Management Plan

The drainage patterns on site will remain the same. The runoff, under a developed runoff of 6.63 cfs will drain south to 2-sidewalk culverts and then to Bogan Avenue. The increase in the runoff is only 4.02 cfs and should not have any impact on the downstream storm structure capacity. The overall runoff will increase from 326.45 to 330.47 cfs (only 1% increase in the runoff).

Calculations

City of Albuquerque, Development Process Manual, Section 22.2, Hydrology Section, revised January 1993, was used for runoff calculations. See this report for Summary Table for runoff results. See also this report for AHYMO input and output files for runoff and ponding calculations.



RUNOFF CALCULATIONS

The site is @ Zone 2

DEPTH (INCHES) @ 100-YEAR STORM

$$P_{60} = 2.01 \text{ inches}$$

$$P_{360} = 2.35 \text{ inches}$$

$$P_{1440} = 2.75 \text{ inches}$$

DEPTH (INCHES) @ 10-YEAR STORM

$$\begin{aligned} P_{60} &= 2.01 \times 0.667 \\ &= 1.34 \text{ inches} \end{aligned}$$

$$P_{360} = 1.57$$

$$P_{1440} = 1.83$$

See the summary output from AHYMO calculations.

Also see the following summary tables.

RUNOFF CALCULATION RESULTS

EXISTING

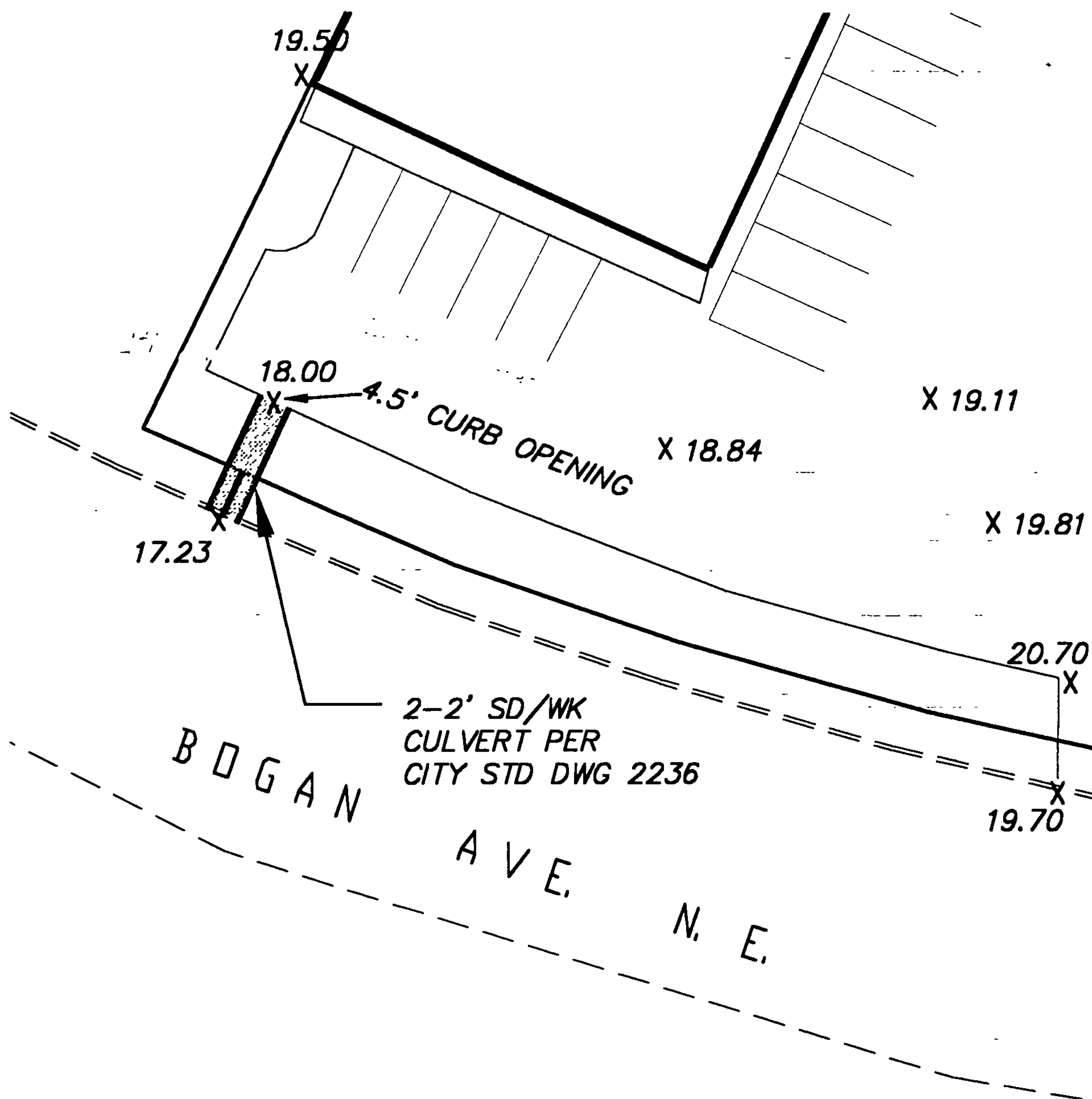
BASIN	AREA (SF)	AREA (AC)	AREA (MI ²)
OVERALL	3,471,357.21	79.6914	0.124518
ON-SITE	66,493.15	1.5265	0.002385

EXISTING

BASIN	Q-100 CFS	Q-10 CFS
OVERALL	326.45	200.73
ON-SITE	2.61	0.70

PROPOSED

BASIN	Q-100 CFS	Q-10 CFS
ON-SITE	6.63	4.25



2-2' SD/WK Culvert Drainage Capacity Calculations Using Orifice Equation

Orifice Equation: $Q = CA\sqrt{2gh}$

$Q = ?$ cfs (maximum runoff)

$C = 0.60$

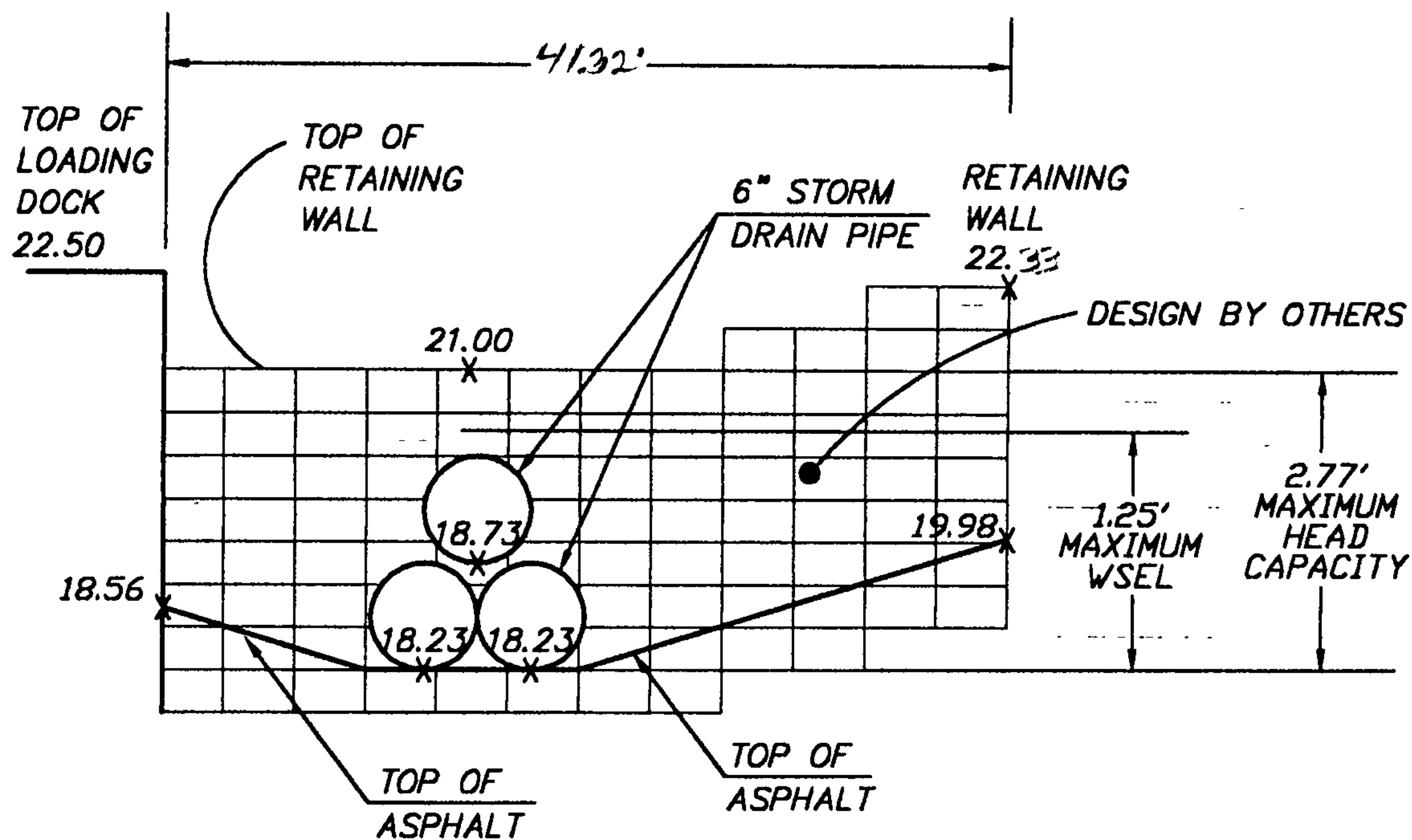
$A = 2.00$ sf (for the drainage opening)

$g = 32.20$

$h = 0.50'$ (at the curb opening)

$$Q = 0.60 \times 2.00 \times \sqrt{(2 \times 32.2 \times 0.50)}$$

$$= 6.81 \text{ cfs} > 6.63 \text{ cfs (total contributing flow) OK}$$



SECTION E-E

NTS

3-6" Storm Drain Pipe Equation

Orifice Equation: $Q = CA\sqrt{2gh}$

$Q = ?$ cfs (maximum runoff)

$C = 0.60$

$A = 0.196$ sf for each pipe

$g = 32.20$

$$\begin{aligned} \text{Pipe A \& B: } Q &= 0.60 \times 0.196 \times \sqrt{(2 \times 32.2 \times 1.25)} \\ &= 1.06 \text{ cfs per pipe} \end{aligned}$$

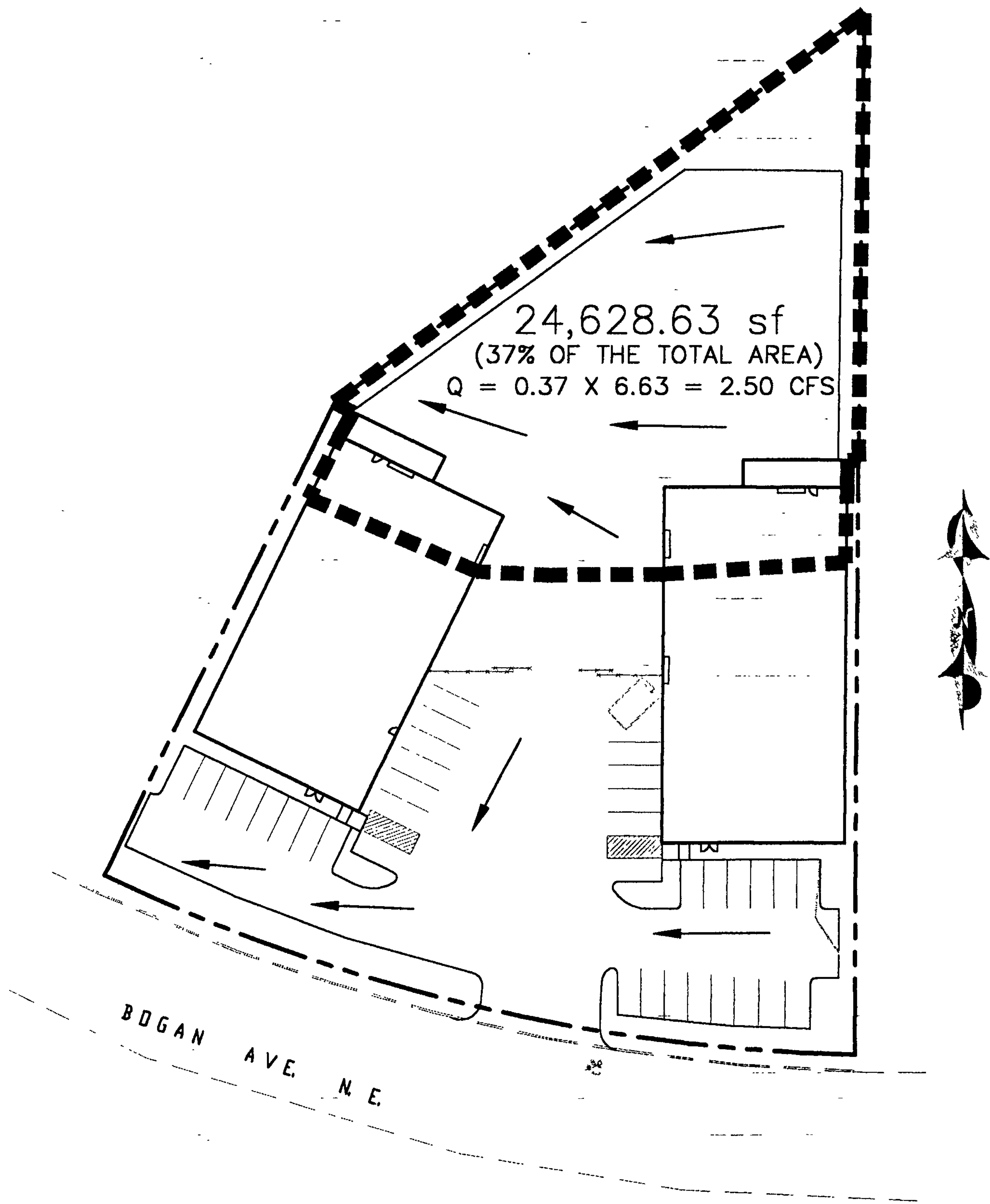
Total flow for pipes A & B = $2 \times 1.06 = 2.12$ cfs

$$\begin{aligned} \text{Pipe C: } Q &= 0.60 \times 0.196 \times \sqrt{(2 \times 32.2 \times 0.75)} \\ &= 0.82 \text{ cfs per pipe} \end{aligned}$$

Total flow for pipes A, B & C = $2.12 + 0.82 = 2.94$ cfs > 2.50 cfs (total contributing flow) OK

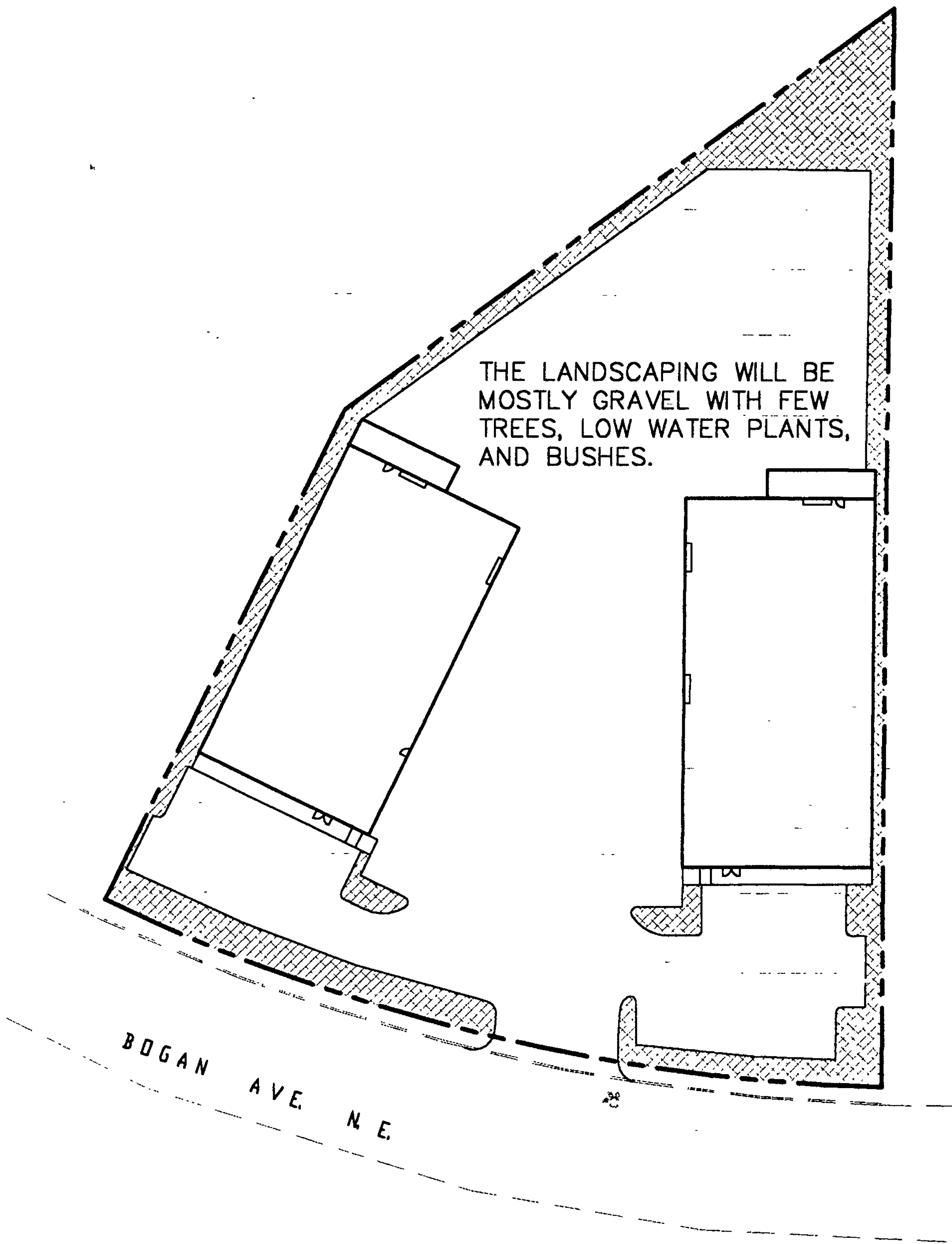
2.50 cfs is based on the total area which drains to this site pipe. See the following exhibit for the contributing area.

The runoff can back up at the pipe to a 2.77' depth, therefore creating a higher head and more drainage capacity through the pipes. We were are using a depth of 1.25' to show the approximate maximum water surface elevation.



CONTRIBUTING BASIN

(FOR 3-6" PIPES)



LANDSCAPED AREAS

* ZONE 2

* 100-YEAR, 6-HR STORM (UNDER EXISITNG CONDITIONS) *

START TIME=0.0
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.01 IN RAIN SIX=2.35 IN
RAIN DAY=2.75 IN DT=0.03333 HR

*

* OVERALL

*

COMPUTE NM HYD ID=1 HYD NO=101.0 AREA=0.124518 SQ MI
PER A=0.00 PER B=15.00 PER C=15.00 PER D=70.00
TP=0.1333 HR MASS RAINFALL=-1

*

* ON-SITE

*

COMPUTE NM HYD ID=1 HYD NO=102.0 AREA=0.002385 SQ MI
PER A=0.00 PER B=15.00 PER C=75.00 PER D=10.00
TP=0.1333 HR MASS RAINFALL=-1

* 10-YEAR, 6-HR STORM (UNDER EXISTING CONDITIONS) *

START TIME=0.0
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.34 IN RAIN SIX=1.57 IN
RAIN DAY=1.83 IN DT=0.03333 HR

*

* OFFSITE

*

COMPUTE NM HYD ID=1 HYD NO=111.0 AREA=0.124518 SQ MI
PER A=0.00 PER B=15.00 PER C=15.00 PER D=70.00
TP=0.1333 HR MASS RAINFALL=-1

*

* ON-SITE

*

COMPUTE NM HYD ID=1 HYD NO=112.0 AREA=0.002385 SQ MI
PER A=0.00 PER B=15.00 PER C=75.00 PER D=10.00
TP=0.1333 HR MASS RAINFALL=-1

* 100-YEAR, 6-HR STORM (UNDER PROPOSED CONDITIONS) *

START TIME=0.0
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.01 IN RAIN SIX=2.35 IN
RAIN DAY=2.75 IN DT=0.03333 HR

*

* ON-SITE

*

COMPUTE NM HYD ID=2 HYD NO=102.1 AREA=0.002385 SQ MI
PER A=0.00 PER B=15.00 PER C=0.00 PER D=85.00
TP=0.1333 HR MASS RAINFALL=-1

* 10-YEAR, 6-HR STORM (UNDER PROPOSED CONDITIONS) *

START TIME=0.0
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.34 IN RAIN SIX=1.57 IN
RAIN DAY=1.83 IN DT=0.03333 HR

*

* ON-SITE

*

COMPUTE NM HYD

ID=1 HYD NO=112.1 AREA=0.002385 SQ MI

PER A=0.00 PER B=15.00 PER C=0.00 PER D=85.00

TP=0.1333 HR MASS RAINFALL=-1

FINISH

AHYMO SUMMARY TABLE (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
INPUT FILE = 9924

RUN DATE (MON/DAY/YR) =08/03/1999

		FROM	TO			PEAK	RUNOFF			TIME TO	CFS	PAGE = 1
COMMAND	HYDROGRAPH IDENTIFICATION	ID NO.	ID NO.	AREA (SQ MI)	DISCHARGE (CFS)	VOLUME (AC-FT)	RUNOFF (INCHES)	PEAK (HOURS)	PER ACRE	NOTATION		
START											TIME=	.00
RAINFALL TYPE= 1											RAIN6=	2.350
COMPUTE NM HYD	101.00	-	1	.12452	326.45	11.700	1.76175	1.500	4.096	PER IMP=	70.00	
COMPUTE NM HYD	102.00	-	1	.00239	4.84	.148	1.16526	1.500	3.169	PER IMP=	10.00	
START											TIME=	.00
RAINFALL TYPE= 1											RAIN6=	1.570
COMPUTE NM HYD	111.00	-	1	.12452	200.73	6.977	1.05068	1.500	2.519	PER IMP=	70.00	
COMPUTE NM HYD	112.00	-	1	.00239	2.61	.070	.55021	1.500	1.709	PER IMP=	10.00	
START											TIME=	.00
RAINFALL TYPE= 1											RAIN6=	2.350
COMPUTE NM HYD	102.10	-	2	.00239	6.63	.244	1.91479	1.500	4.347	PER IMP=	85.00	
START											TIME=	.00
RAINFALL TYPE= 1											RAIN6=	1.570
COMPUTE NM HYD	112.10	-	1	.00239	4.25	.150	1.17875	1.500	2.782	PER IMP=	85.00	
FINISH												

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Tract 5-A-1-A, Reindeer Addition ZONE ATLAS/DRNG. FILE #: F-17/D76

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

LEGAL DESCRIPTION: Tract 5-A-1-A, Reindeer Addition

CITY ADDRESS: _____

ENGINEERING FIRM: Advanced Engineering and Consulting, LLC **CONTACT:** **Shahab Biazar**

ADDRESS: 10205 Snowflake Ct. NW Alb., NM 87114 **PHONE:** **(505) 899-5570**

OWNER: _____ **CONTACT:** _____

ADDRESS: _____ **PHONE:** _____

ARCHITECT: **Miller And Associates** **CONTACT:**

ADDRESS: 2833 Richmond Dr., NE Alb. nm 87107 PHONE: (505) 345-2380

SURVEYOR: _____ **CONTACT:** _____

ADDRESS: _____ **PHONE:** _____

CONTRACTOR: _____ **CONTACT:** _____

ADDRESS: _____ **PHONE:** _____

TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

DRAINAGE REPORT

SKETCH PLAN APPROVAL

DRAINAGE PLAN

PRELIMINARY PLAT APPROVAL

CONCEPTUAL GRADING & DRAINAGE PLAN

S. DEV. PLAN FOR SUB'D. APPROVAL

GRADING PLAN

S. DEV. PLAN FOR BLDG. PERMIT APPROVAL

EROSION CONTROL PLAN

SECTOR PLAN APPROVAL

ENGINEER'S CERTIFICATION

FINAL PLAT APPROVAL

X AS-BUILT GRADES

FOUNDATION PERMIT APPROVAL

BUILDING PERMIT APPROVAL

CERTIFICATE OF OCCUPANCY APPROVAL

PRE-DESIGN MEETING.

YES

GRADING PERMIT APPROVAL

NO

PAVING PERMIT APPROVAL

COPY PROVIDED

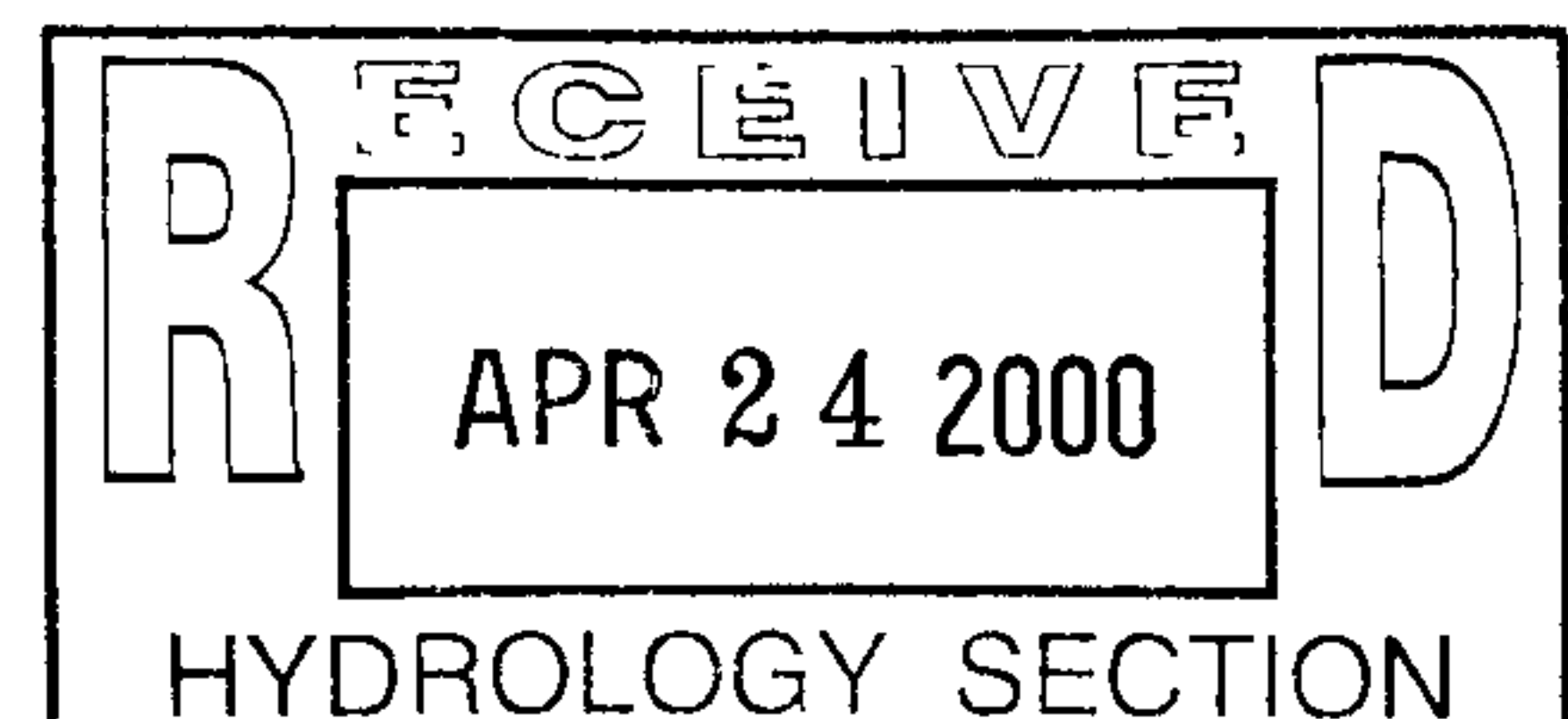
S. A. D. DRAINAGE REPORT

DRAINAGE REQUIREMENTS

X TEMPORARY C.O.

DATE SUBMITTED: 04/21/00

BY: *SHAHAB BIAZAR*





City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103
PUBLIC WORKS DEPARTMENT

November 18, 1999

INTEROFFICE CORRESPONDENCE

HYDROLOGY DIVISION

TO: Desiderio Salas, Street Maintenance Division

FROM: Bradley L. Bingham PE, Hydrology Div., PWD **BLB**

SUBJECT: **PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHT-OF-WAY
DRAINAGE FILE NUMBER (F17/D76).**

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

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 SO#19 is required by this office for Certificate of Occupancy release; therefore your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of Certificate of Occupancy.

Thank you for your cooperation and if you should have any questions and/or comments, please feel free to call me at 924-3986.

Attachment