



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 7, 1999

Richard L. Burton, PE
Burton Engineers, Inc.
2900 Vista Grande Dr., NW
Albuquerque, NM 87120

RE: DENNY CONSTRUCTION BUILDING ADDITION (L-20/D39), ENGINEER'S
CERTIFICATION SUBMITTAL FOR CERTIFICATE OF OCCUPANCY APPROVAL.
CERTIFICATION DATED 5-12-99

Dear Mr. Burton:

Based upon the information provided in your 5-11-99 submittal, the referenced project is approved for Certificate of Occupancy.

If I can be of further assistance, feel free to contact me at 768-2766.

Sincerely,

Scott Davis
PWD, Hydrology Division

c: file

DRAINAGE INFORMATION SHEET

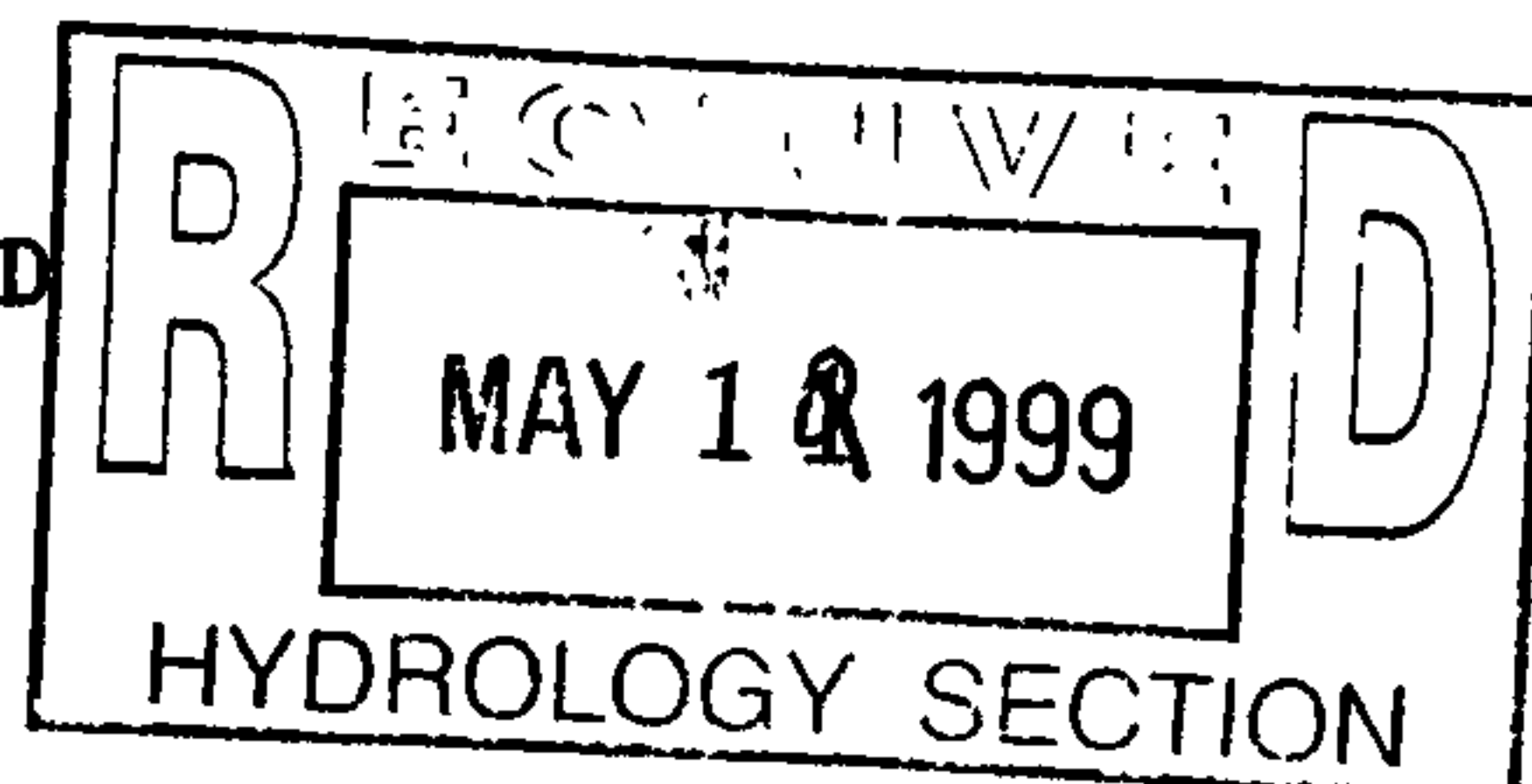
PROJECT TITLE: Building for Denny Const. ZONE ATLAS/DRNG. FILE #: L-20 039
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Lot 55-A, Block 1, Joseph Van Cleve Homestead
CITY ADDRESS: 701 Moon Street, SE
ENGINEERING FIRM: Burton Engineers, Inc. CONTACT: Richard L. Burton, P.E.
ADDRESS: 2900 Vista Grande Dr., NW PHONE: (505) 839-9365
OWNER: Denny Construction Company CONTACT: Jerry Denny
ADDRESS: 701 Moon Street, SE PHONE: (505) 294-1990
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

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

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: _____

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File
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May 12, 1999

Fred Aguirre
Hydrology Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Drainage Plan @ Moon Street, NE

Dear Mr. Fred:

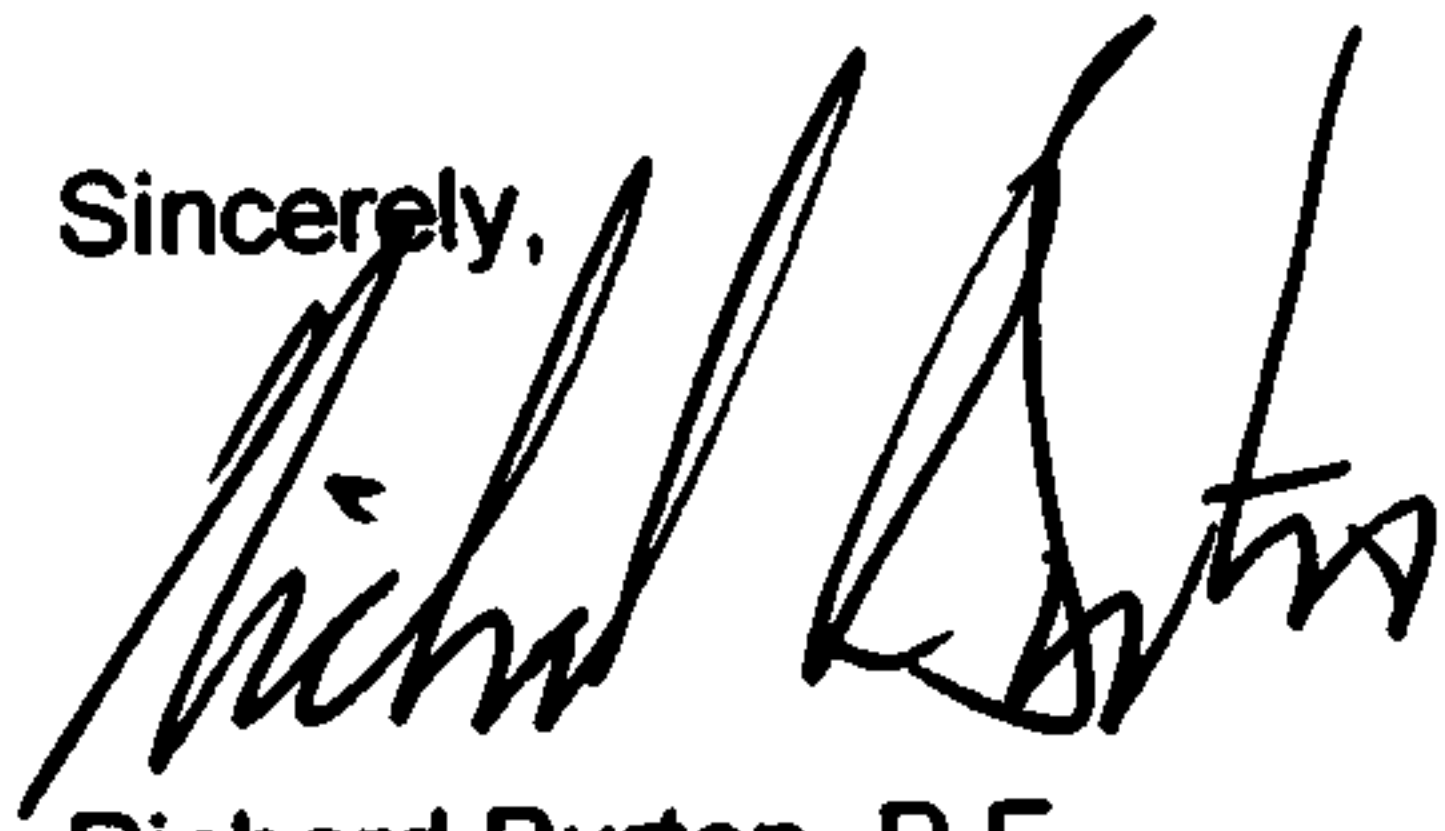
I have enclosed the Drainage Plan for the referenced project which we originally did in 1987 and then revised in 1997. This plan shows a 6" drainage pipe to Kirkland Air Force Base property which was to carry the drainage from the low spot in the parking area to the KAFB property.

Since we did this plan, KAFB personnel have blocked the drain pipe and removed the pipe sections that were on KAFB property. This left our client, Denny Construction Company with a pond in the middle of their driveway. They filled the pond to drain the storm water to Susan Avenue and paved the driveway.

I have attached the As-Built Plan and have revised the drainage calculations to reflect the change. We ask for Drainage Plan Approval so that the owner can obtain a Certificate of Occupancy.

Please let me know if you have any questions.

Sincerely,



Richard Burton, P.E.
Burton Engineers, Inc.

/jb

xc: Denny Construction

DRAINAGE INFORMATION SHEET

PROJECT TITLE: DENNEY CONST. CO. INC. ZONE ATLAS/DRNG. FILE #: L-20-2139
 DRB #: _____ EPC #: _____ WORK ORDER #: _____
 LEGAL DESCRIPTION: Lot 55-A Block 1 Joseph Van Cleave Homestead
 CITY ADDRESS: 701 Moon SE, Albuquerque, NM 87103
 ENGINEERING FIRM: Burton Engineers CONTACT: Richard Burton
 ADDRESS: 2700 Visto Grande NW 87120 PHONE: (505) 839-9365
 OWNER: DENNEY CONST. CO. INC. CONTACT: Jerry Denney
 ADDRESS: 701 Moon SE 87123 PHONE: (505) 294-1990
 ARCHITECT: N/A P.O. 53266 CONTACT: _____
ABQ, NM ADDRESS: _____ PHONE: _____
87153
 SURVEYOR: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CONTRACTOR: DENNEY CONST. CO. CONTACT: Same
 ADDRESS: Same 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

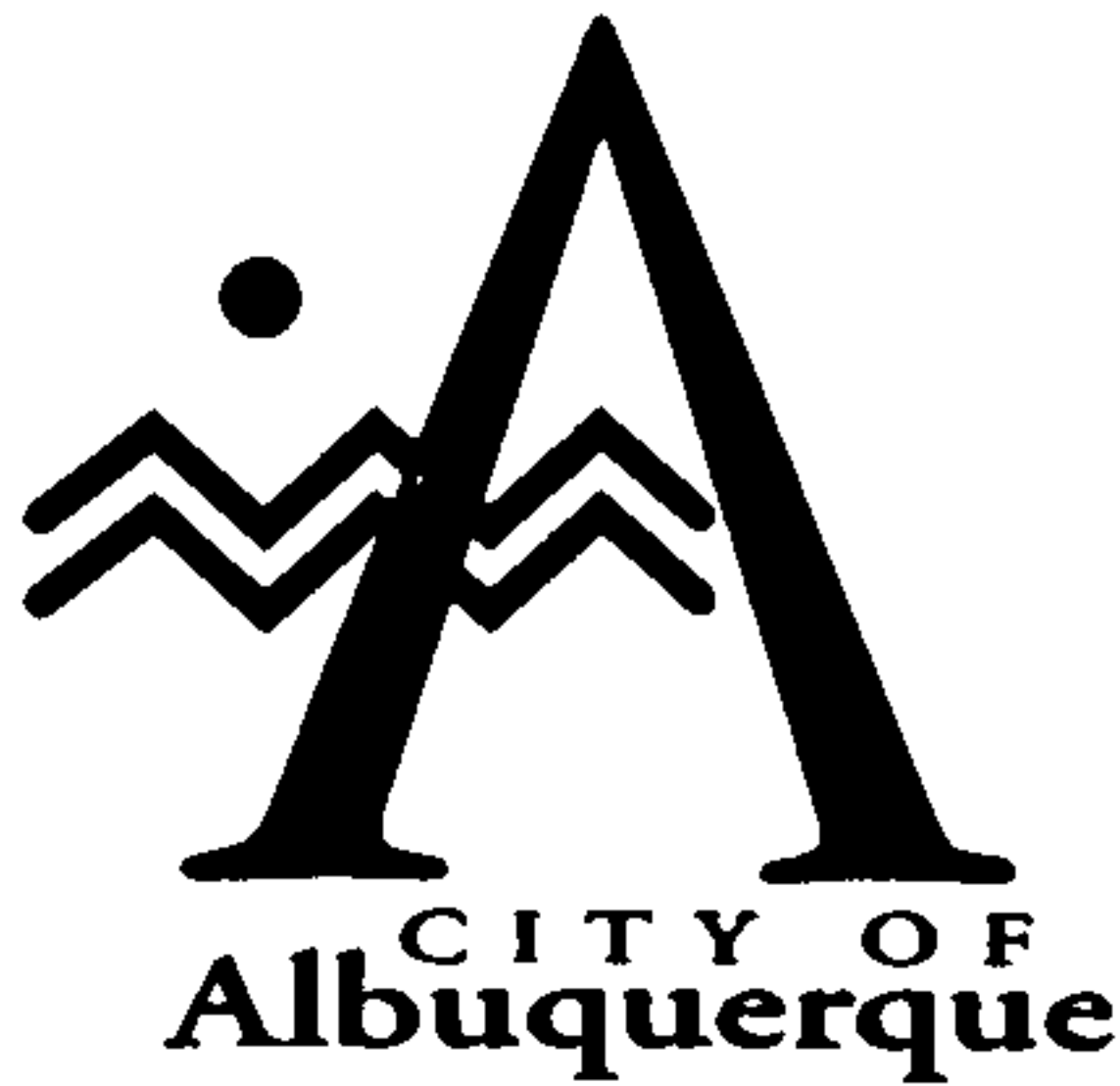
CHECK TYPE OF APPROVAL SOUGHT:

____ SKETCH PLAT APPROVAL
 ____ PRELIMINARY PLAT APPROVAL
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 ____ 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: June 6, 1996

BY: Richard Burton

JUL 7 1996



June 7, 1996

Martin J. Chávez, Mayor

Richard Burton
Burton Engineers
2900 Vista Grande NW
Albuquerque, NM 87120

**RE: DENNEY CONSTRUCTION COMPANY (L20-D39) GRADING AND DRAINAGE
PLAN FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED
JUNE 6, 1996.**

Dear Mr. Burton:

Based on the information provided on your June 7, 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,

[Handwritten signature]
Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Jerry Denny -
Andrew Garcia
File

* *Davrick@Nison*
6/8 254-4054
Monte 4th PK

Dict Burton
701 Moon SE
Denny Cervid
- 839-9365
6/28
4:10 PM
Aus. Mach.



RESUBMITTAL TO BERNIE MONTA

DRAINAGE INFORMATION SHEET

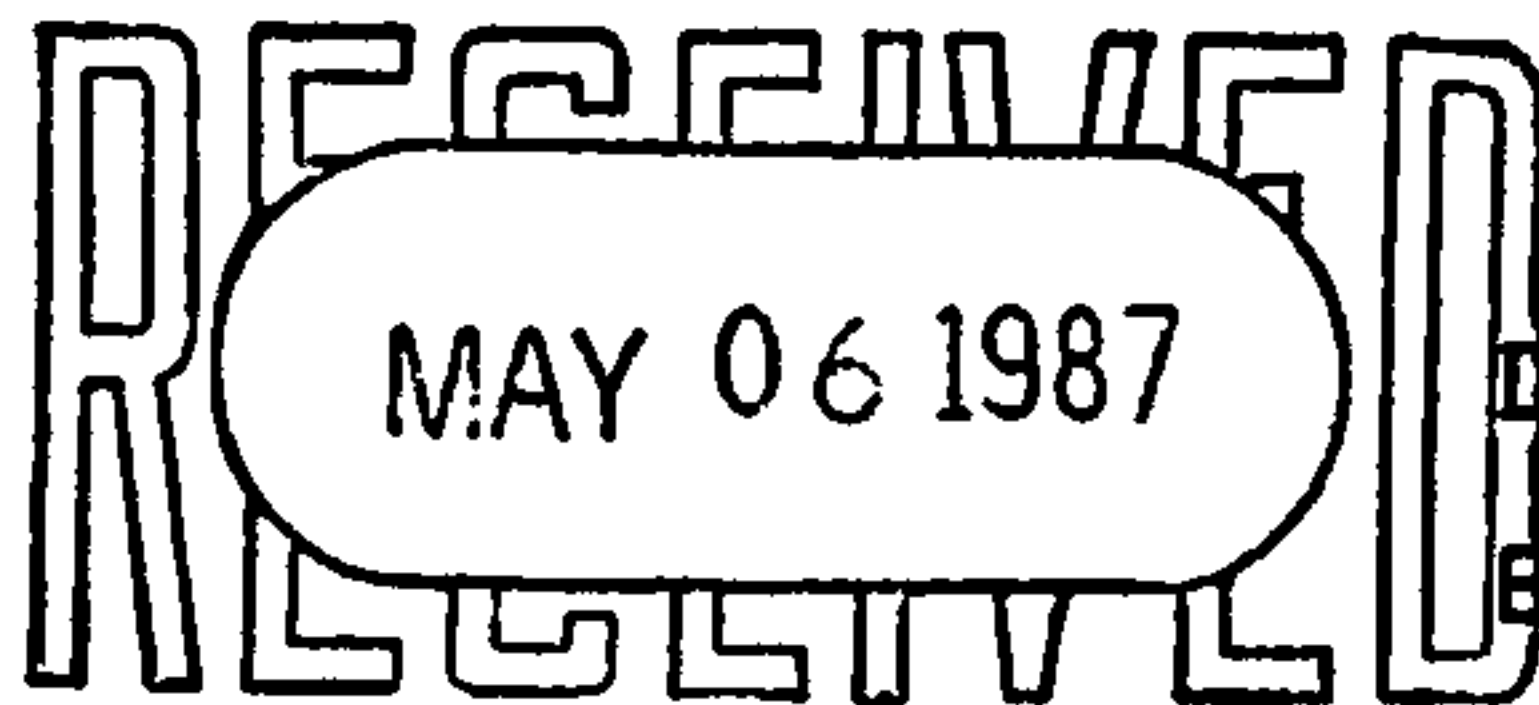
PROJECT TITLE: ADDITION/ 701 MOON SE ZONE ATLAS/DRNG. FILE #: L-20 #D39
LEGAL DESCRIPTION: LOT 55 A BLOCK 1 Jos. Vancleave Homestead Addn.
CITY ADDRESS: 701 Moon SE
ENGINEERING FIRM: Burton Engineering CONTACT: Dick Burton
ADDRESS: PO Box 75310 St. 14 PHONE: 836-6540
87194
OWNER: Denney Construction CONTACT: Willie Denney
ADDRESS: 2629 Texas NE PHONE: 294-1990
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: Morrison Survey CONTACT: Red Morrison
ADDRESS: Tennessee PHONE: 256-7364
Texas NE
CONTRACTOR: Denney Constr. CONTACT: Willie Denney
ADDRESS: 2629 Texas NE PHONE: 294-1990

PRE-DESIGN MEETING:

☒ YES

☐ NO

☐ COPY OF CONFERENCE RECORD HYDROLOGY SECTION PROJ. NO. _____
SHEET PROVIDED



DRB NO. _____

EPC NO. _____

TYPE OF SUBMITTAL:

☒ DRAINAGE REPORT

☐ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☐ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

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☐ 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: 6 May 1987

BY: Carolyn Siegel

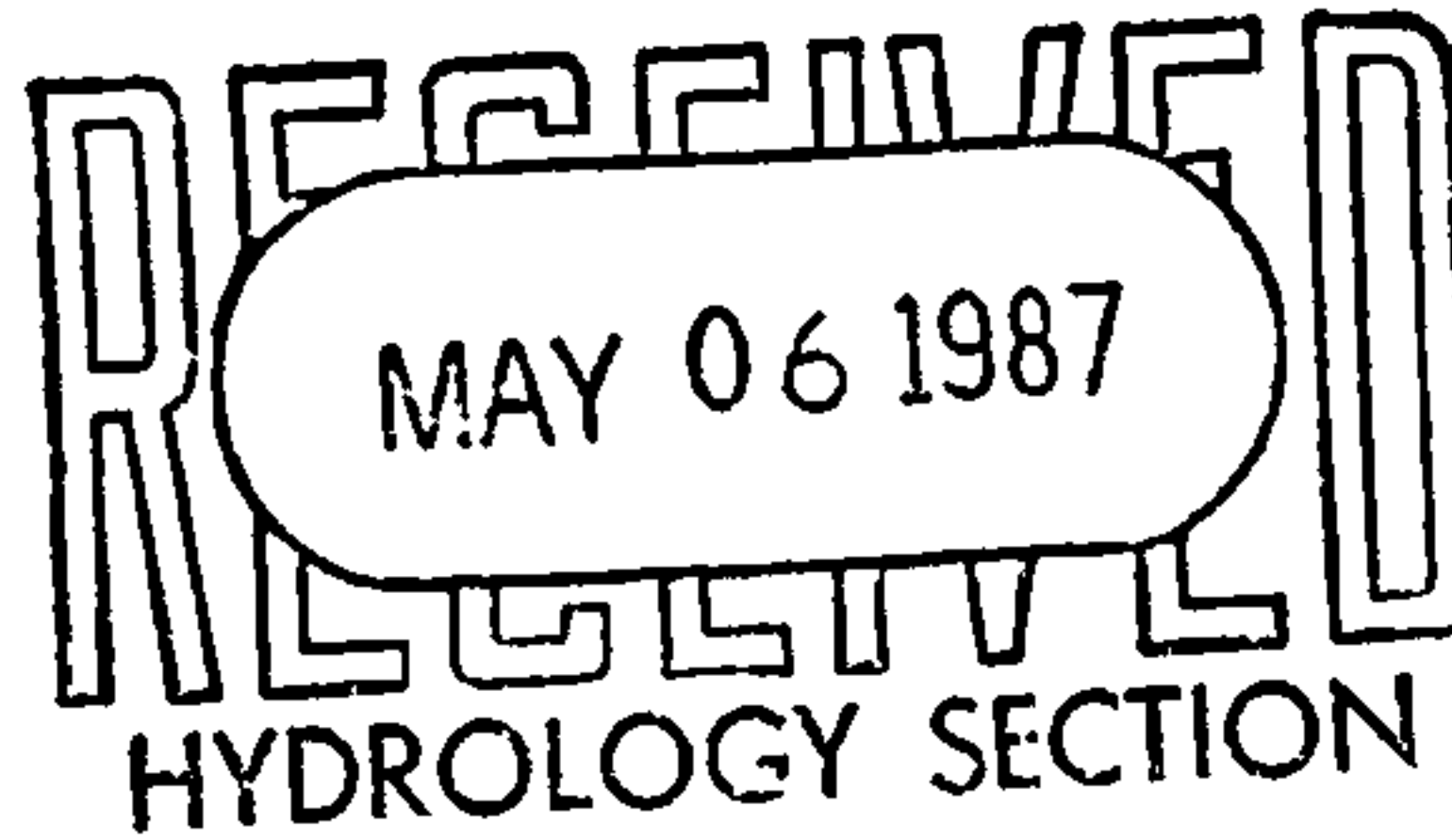


DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 1606TH AIR BASE WING (MAC)
KIRTLAND AIR FORCE BASE, NEW MEXICO 87117 - 5000

ENGINEERING, CONSTRUCTION & DEVELOPMENT DIRECTORATE

30 APR 1987

J.W. Denny
2629 Texas NE
Albuquerque, NM 87110



Dear Mr. Denny:

We have reviewed the civil engineer drawings for the addition to one of your buildings. The drainage of your lot as presented on the drawings you sent us does not adversely impact Kirtland AFB.

We, therefore, allow you to discharge storm runoff onto Kirtland AFB property as shown on your drawings dated 6 April 1987.

Sincerely,

HERB BOHANNON, JR.
Director



MAC--THE BACKBONE OF DETERRENCE



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

May 8, 1987

Dick Burton
Burton Engineering
Post Office Box 75310 Sta 14
Albuquerque, New Mexico 87194

RE: REVISED DRAINAGE PLAN FOR ADDITION TO 701 MOON STREET, SE
(L-20/D39) REVISION DATE MAY 6, 1987

Dear Mr. Burton:

Based on the information provided on your resubmittal of May 6, 1987, 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,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 23, 1987

Dick Burton
Burton Engineering
4900 La Aquilla, NW
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR ADDITION TO 701 MOON STREET, SE
(L-20/D39) RECEIVED APRIL 13, 1987

Dear Mr. Burton:

Based on the information provided on your submittal of April 13, 1987, listed you will find certain items that will need to be addressed prior to final approval:

1. Please show computations as to how you derived the capacity of the 6" pvc pipe. I compute .38 cfs using the orifice equation.
2. Computations for your developed runoff are also too low (attached you will find the computations that I ran on the computer).
3. If the Q peak is 2.45 cfs and the capacity of your 6" pvc is .38 cfs, flow capacity for the 6" pvc pipe does not exist.
4. In order to eliminate no capacity restrictions and also the possibility that the Air Force Base will not grant you release onto their property, I recommend that you gutter the developed roof flows through a sidewalk culvert system into Susan Avenue.

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

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

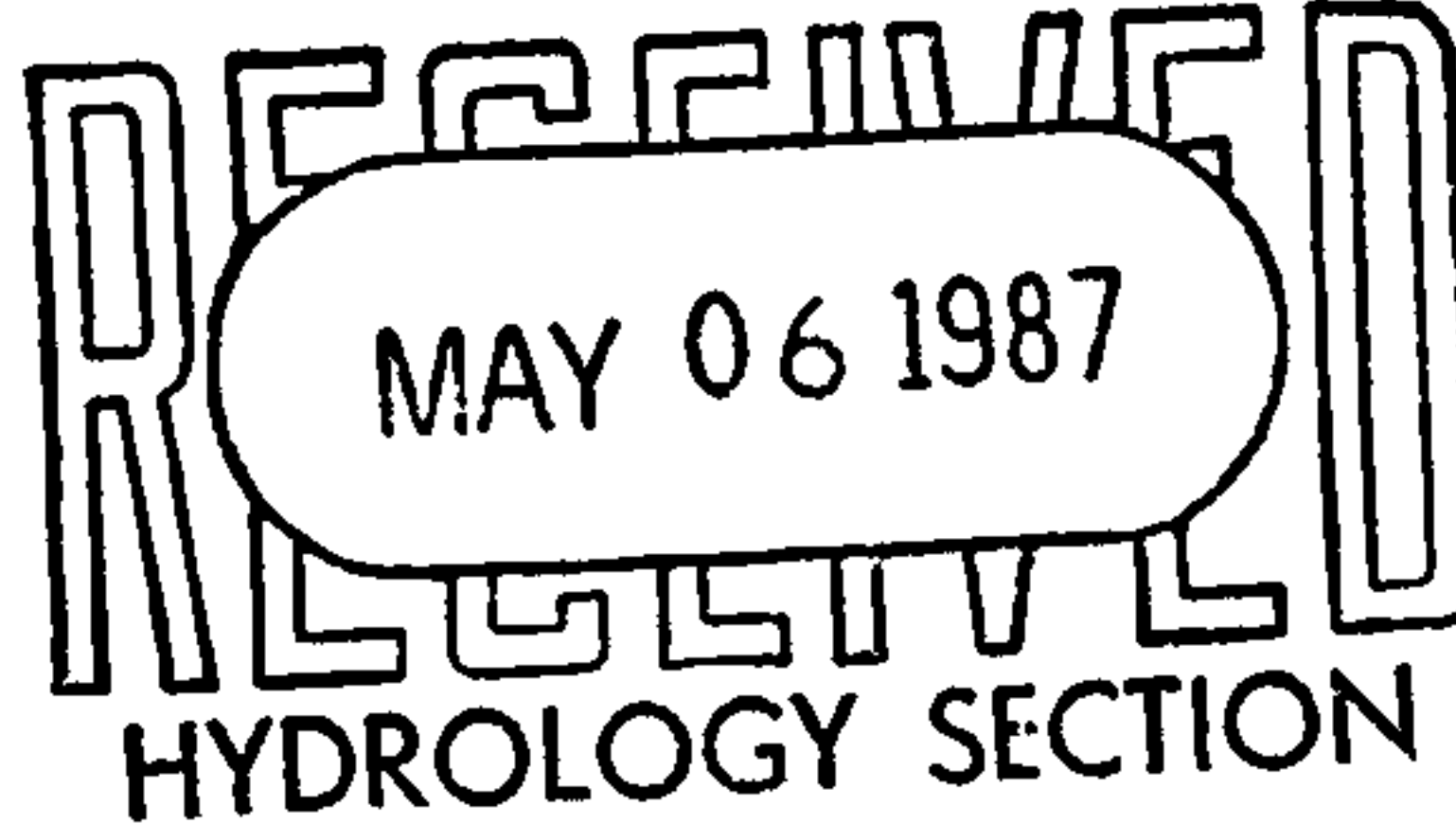
Telephone (505) 768-2500

BURTON ENGINEERS, INC.

P. O. BOX 75310 STATION 14 ALBUQUERQUE, NM 87194
(505) 836-6540

May 5, 1987

City of Albuquerque
Hydrology Section
P.O. Box 1293
Albuquerque, NM 87103
ATTN: Bernie Montoya



Re: Drainage Plan for Addition to 701 Moon Street S.E. (L-20/D39)
Your letter dated April 23, 1987

Dear Bernie;

Question 1

- 1) Capacity of a 6" pipe from the Manning Equation for a headwater depth of 1.5 diameters and an N value of 0.010 = 290 gpm = 0.64 cfs.
- 2) We have revised our computations.
- 3) We agree with the peak Q of 2.45 cfs.
- 4) The owner does not want to go to the expense of cutting the sidewalk and installing roof drains. The maximum size of pipe that could be installed and filled is a 8". The capacity of the 8" again from Manning with an n of 0.010 and an $\frac{HW}{D} = 1$ is 350 gpm = 0.77 cfs. To get the 0.77 cfs from the 8" pipe, the parking lot would have to fill with water. Therefore, the situation cannot be improved by the addition of more pipes.

We recommend that the drainage remain as is. The excess water will flow to Susan Avenue and will not damage the structures.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard L. Burton".

Richard L. Burton, P.E.

/jb

FILE COPY



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

May 8, 1987

Dick Burton
Burton Engineering
Post Office Box 75310 Sta 14
Albuquerque, New Mexico 87194

**RE: REVISED DRAINAGE PLAN FOR ADDITION TO 701 MOON STREET, SE
(L-20/D39) REVISION DATE MAY 6, 1987**

Dear Mr. Burton:

Based on the information provided on your resubmittal of May 6, 1987, 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,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

FILE COPY



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 23, 1987

Dick Burton
Burton Engineering
4900 La Aquilla, NW
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR ADDITION TO 701 MOON STREET, SE
(L-20/D39) RECEIVED APRIL 13, 1987

Dear Mr. Burton:

Based on the information provided on your submittal of April 13, 1987, listed you will find certain items that will need to be addressed prior to final approval:

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

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

Telephone (505) 768-2500

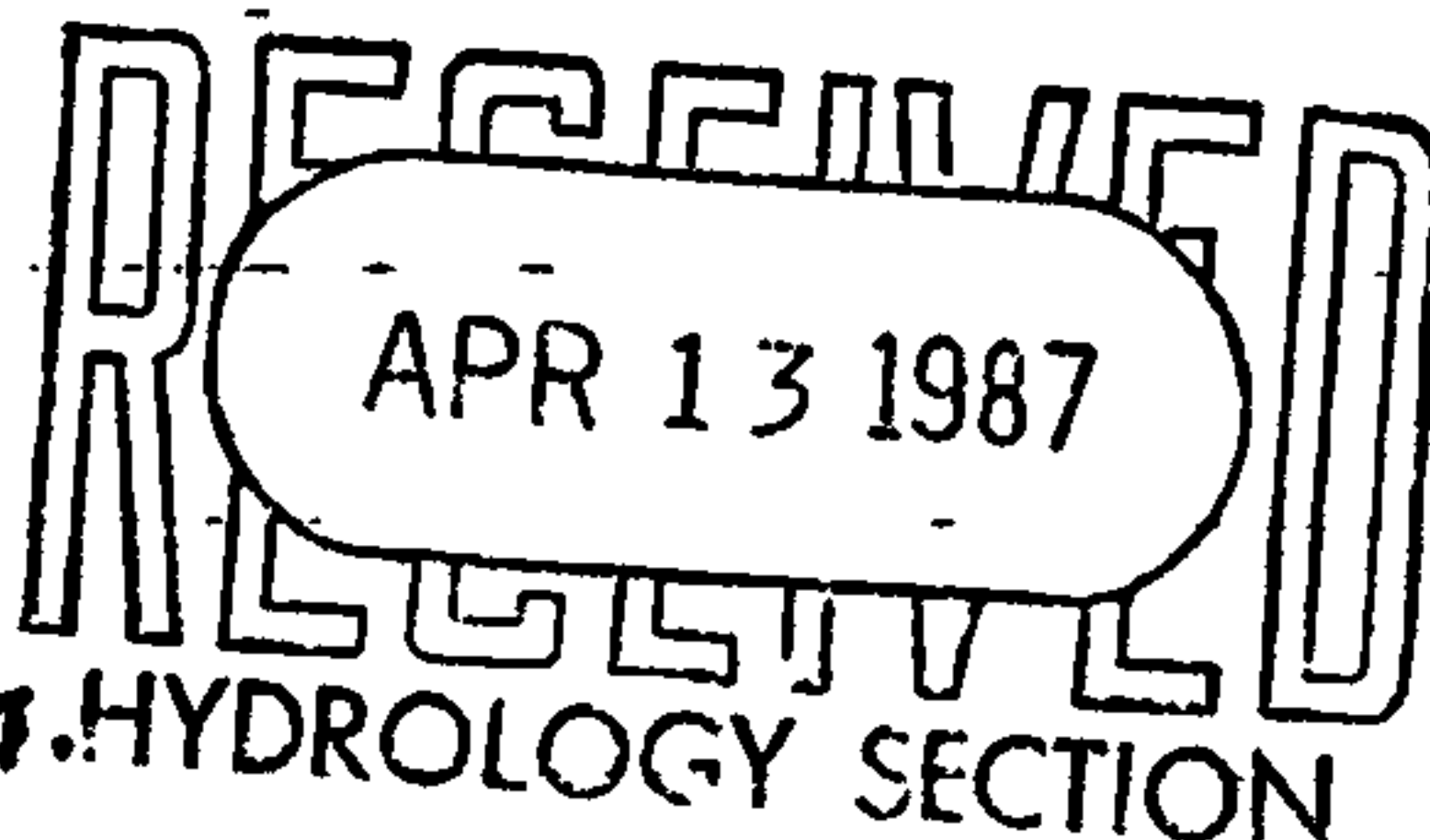
AN EQUAL OPPORTUNITY EMPLOYER

APRIL 13, 1987

TO: BERNIE MONTANA

FROM: CAROLYN SIEGEL

FOR DICK BURTON, ENG. HYDROLOGY SECTION



RE: 701 MOON SE.

ATTACHED IS THE ~~THE~~ GRADING & DRAINAGE PLAN THAT DICK BURTON AND I SPoke TO YOU ABOUT. THESE PLANS WERE SUBMITTED TO THE CITY W/OUT G+D PLAN. I HAVE THE 2 CITY SETS W/ ALL THE STAMPS & FORMAT, BUT NEED THEM FOR ELECT SIGN-OFF.

IF YOU COULD REVIEW THIS A.S.A.P. AND LET ME KNOW IF THERE ARE ANY PROBLEMS, I WOULD APPRECIATE IT.

K.A.F.B. IS REVIEWING THE PLAN & WILL SEND US A LETTER EARLY THIS WEEK.

YOU CAN REACH ME AT 344-6746.

CS.
CAROLYN SIEGEL

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ADDITION/701 MOON SE ZONE ATLAS/DRNG. FILE #: L-20-Z
 LEGAL DESCRIPTION: LOT 55 A BLOCK 1 Jos. VanCleave Addition Homestead Add.
 CITY ADDRESS: 701 MOON S.E.

ENGINEERING FIRM: BURTON ENGINEERING CONTACT: Dick Burton
 ADDRESS: 4900 La Aquilla NW PHONE: 836-6540

OWNER: DENNEY CONSTRUCTION CONTACT: Willie Denney
 ADDRESS: 2629 Texas NE PHONE: 294-1990

ARCHITECT: / CONTACT: /
 ADDRESS: / PHONE: /

SURVEYOR: MORRISON SURVEY CONTACT: "Red" Morrison
 ADDRESS: Texas NE PHONE: 256-7364

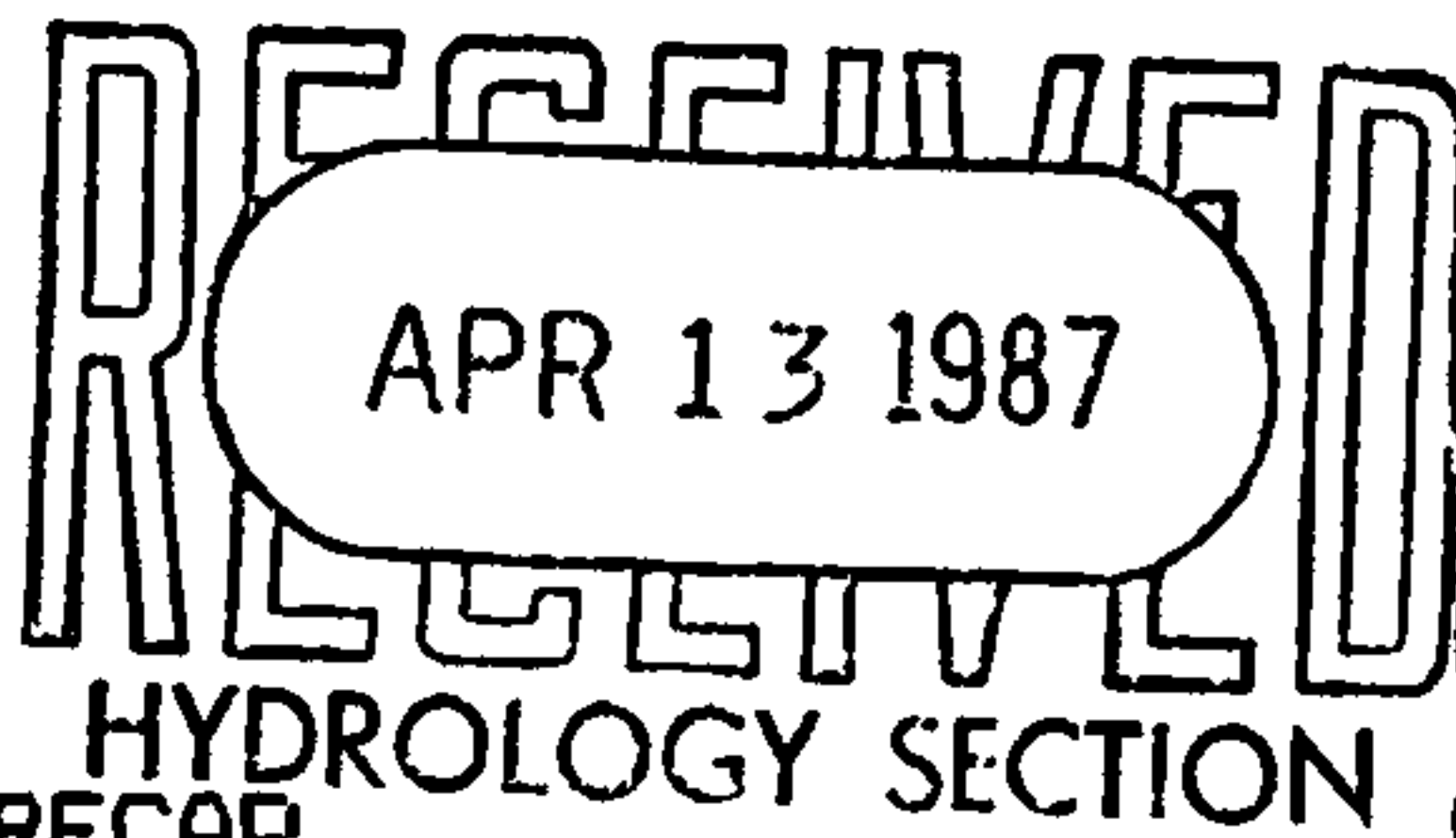
CONTRACTOR: DENNEY CONSTRUCTION, INC. CONTACT: Willie Denney
 ADDRESS: 2629 Texas NE PHONE: 294-1990

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

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: 4/13/87
 BY: Carolyn Siegel

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION/DESIGN HYDROLOGY SECTION

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: L-20 DATE: 4/8/87 @ 4:00 a.m.

PLANNING DIVISION NOS: EPC: _____ DRB: _____

SUBJECT: _____

STREET ADDRESS (IF KNOWN): Jos. Ave

SUBDIVISION NAME: Lot 1, E. & 1st; Aventura ~~But~~ Home
SSA A. L. H.

APPROVAL REQUESTED:

_____ PRELIMINARY PLAT	_____ FINAL PLAT
_____ SITE DEVELOPMENT PLAN	<u>X</u> BUILDING PERMIT
_____ OTHER	_____ ROUGH GRADING

	WHO	REPRESENTING
ATTENDANCE:	<u>Dick Burton</u>	<u>Burton Engineering</u>
	<u>Bernie Montoya</u>	<u>Hydrology Section</u>

FINDINGS:

1. Drainage plan per D.P.M. requirements prior to Building permit release.
2. If developed run-off goes down Susan Ave, flood problem on Wyoming & Susan. Engineer must qualify area for tree discharge
3. If developed run-off goes down Moon.
 - a. existing 36" R.C.P. at Santa Clara & Moon.
 - b. Is system adequate to handle further developed run-off
4. approved drainage plan required for additions over 500 sq ft and over or paving of or 1000 sq ft and over.
5. Downstream flooding on Moon just North of Turnbull.
6. Concurrence from Kirtland Air Force Base indicating approval for discharge into their property
7. Ins near W.S.L. indicated on the plan indicate emergency spillway capacity of existing 6" p.c.

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: Bernie J Montoya
TITLE: Engineering Assistant
DATE: 4/8/87

SIGNED: [Signature]
TITLE: Assistant Engineer
DATE: 4/5/87

NOTE PLEASE PROVIDE A COPY OF THIS RECAP WITH THE DRAINAGE SUBMITTAL