

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ATLAS OFFICE BLDG.

ZONE ATLAS/DRNG.FILE #: J192 1028A

LEGAL DESCRIPTION: LOT 4A1, KASEMAN MEDICAL PLAZA

CITY ADDRESS: _____

ENGINEERING FIRM: CHAVEZ-GRIEVES CONSULTING ENGRS. CONTACT: VICTOR J. CHAVEZ

ADDRESS: 4520 MONTGOMERY N.E., ALBUQ. N.M. PHONE: (505) 881-7376

OWNER: GLEN FELLOWS FOR JUDGE MARVIN ATLAS CONTACT: GLEN FELLOWS-REPRESENT.

ADDRESS: 115 AMHERST S.E. PHONE: (505) 255-8668

ARCHITECT: STEVENS, MALLOR, PEARL & CAMPBELL CONTACT: GLEN FELLOWS

ADDRESS: 115 AMHERST S.E. PHONE: (505) 255-8668

SURVEYOR: DENNY-GROSS & ASSOCIATES, INC. CONTACT: LOUIS W. GROSS

ADDRESS: 2400 COMANCHE RD. N.E., ALBUQ. N.M. PHONE: (505) 884-0696

CONTRACTOR: N/A CONTACT: _____

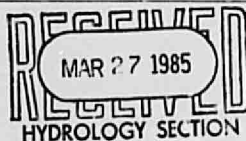
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

YES

X NO

COPY OF CONFERENCE RECAP SHEET PROVIDED



DRB NO. 856 1/8/85 (delegated to City Eng.)

EPC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

DRAINAGE REPORT

X 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

X BUILDING PERMIT APPROVAL

FOUNDATION PERMIT APPROVAL

CERTIFICATE OF OCCUPANCY APPROVAL

ROUGH GRADING PERMIT APPROVAL

GRADING/PAVING PERMIT APPROVAL

OTHER _____ (SPECIFY)

DATE SUBMITTED: 3-27-85

BY: VICTOR J. CHAVEZ, P.E.



CHAVEZ GRIESES / CONSULTING ENGINEERS, INC.

4520 MONTGOMERY BLVD., SUITE 3
ALBUQUERQUE, N.M. 87109
(505) 881-7376

LETTER OF TRANSMITTAL

J19/D28A

TO: THE CITY OF ALBUQUERQUE
HYDROLOGY DEPT.

ATTN: BARBARA

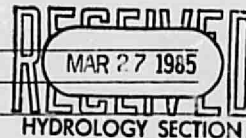
DATE: MARCH 27, 1985
JOB NO. S05-108-0085
RE: OFFICE BUILDING - DR. BERRY
(ATLAS OFFICE BLDG.)

GENTLEMEN:

We are sending you ☒ ATTACHED ☐ UNDER SEPARATE COVER the following items:

☐ SHOP DRAWINGS ☐ CHANGE ORDER ☐ SPECIFICATIONS
☐ COPY OF LETTER ☐ PLANS
☒ PRINTS ☐ SAMPLES

COPIES	DATE	NO.	DESCRIPTION
1	3-26-85	C-2	GRADING DRAINAGE PLAN
1	3-27-85		INFORMATION SHEET



THESE ARE TRANSMITTED as checked below:

<input checked="" type="checkbox"/> FOR APPROV.	<input type="checkbox"/> RETURNED FOR CORRECTIONS
<input type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> RESUBMIT <input type="checkbox"/> COPIES FOR APPROVAL
<input type="checkbox"/> AS REQUESTED	<input type="checkbox"/> SUBMIT <input type="checkbox"/> COPIES FOR DISTRIBUTION
<input type="checkbox"/> FOR REVIEW AND COMMENT	<input type="checkbox"/> RETURN <input type="checkbox"/> CORRECTED PRINTS
<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US
<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/> FOR BIDS DUE <u>19</u>

REMARKS:

COPY TO: FILE

SIGNED: KAREN



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

May 16, 1985

Victor J. Chavez, PE
Chavez-Grievies Consulting Engineers
4520 Montgomery NE, Suite 3
Albuquerque, NM 87109

REF: DRAINAGE--GRADING PLAN FOR ATLAS OFFICE BUILDING (J19-D28A) RECEIVED
MARCH 27, 1985

Dear Mr. Chavez:

Based on the information provided on your March 27, 1985 submittal, listed you will find certain concerns that will need to be addressed before final approval is granted:

1. New information sheet designating resubmittal.
2. Engineer's stamp with signature and revision date.
3. Indicate by section how the drainage swale within the easement will function.
4. What type of erosion control do you propose within the slope of the easement.
5. Your plan indicates that you are encroaching into the easement along the southeast corner. (No encroachment is allowed within a utility easement without the concurrence of the appropriate utilities).
6. How do you propose to convey the water from the parking area along the west property line towards the easement? (Indicate using a typical section).
7. You may need a curb along the west property line to contain the flows.

MUNICIPAL DEVELOPMENT DEPARTMENT

C.D. J. Rodriguez, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

Mr. Victor Chavez
May 16, 1985
Page -2-

If you have any questions or comments, feel free to call me at 766-7644.

Sincerely,

Carlos A. Montoya
Carlos A. Montoya
City/County Flood Plain Admin.

CAM:BJM:mrk

J19/D28 A



**CHAVEZ
GRIEVS / CONSULTING ENGINEERS, INC.**

4520 MONTGOMERY BLVD., SUITE 3
ALBUQUERQUE, N.M. 87109
(505) 881-7376

LETTER OF TRANSMITTAL

TO: Design Hydrology Section DATE: 5/28/85
Attn: Carlos Montoya or- JOB NO.
Bernie RE: Atlas Office Bldg -
Resubmitted

GENTLEMEN:

We are sending you ☒ ATTACHED ☐ UNDER SEPARATE COVER the following items:

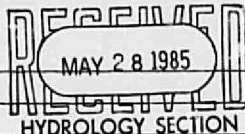
☐ SHOP DRAWINGS ☐ CHANGE ORDER ☐ SPECIFICATIONS
☐ COPY OF LETTER ☐ PLANS ☐
☒ PRINTS ☐ SAMPLES

COPIES	DATE	NO.	DESCRIPTION
1			Letter
1			Grading & Drainage Plan (Revised)
1			Info Sheet

THESE ARE TRANSMITTED as checked below:

<input type="checkbox"/> FOR APPROVAL	<input type="checkbox"/> RETURNED FOR CORRECTIONS
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<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/> FOR BIDS DUE <u>19</u>

REMARKS:



COPY TO: File SIGNED: Jackie S. McDaniel

If enclosures are not as noted, kindly notify us at once.

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ATLAS OFFICE BLDG. ZONE ATLAS/DRNG.FILE #: J191D28A

LEGAL DESCRIPTION: LOT 4A1, KASEMAN MEDICAL PLAZA

CITY ADDRESS: _____

ENGINEERING FIRM: CHAVEZ-GRIEVES CONSULTING ENGRS. CONTACT: VICTOR J. CHAVEZ

ADDRESS: 4520 MONTGOMERY N.E., ALBUQ. N.M. PHONE: (505) 881-7376

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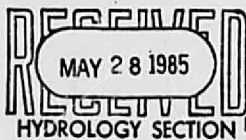
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☐ YES

☒ NO

☐ COPY OF CONFERENCE RECAP
SHEET PROVIDED



DRB NO. _____

EPC NO. _____

PROJ. NO. _____

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☒ DRAINAGE PLAN

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☐ CERTIFICATE OF OCCUPANCY APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 5/28/85

BY: VICTOR J. CHAVEZ, P.E.



**CHAVEZ
GRIEVES / CONSULTING ENGINEERS, INC.**

4520 MONTGOMERY BLVD., SUITE 3
ALBUQUERQUE, N.M. 87109
(505) 881-7376

May 28, 1985

Carlos Montoya
Coty/County Flood Plain Administration
Design Hydrology Section
123 Central NW
Albuquerque, NM 87102



REF: Drainage-Grading Plan for Atlas Office Building (J19-D28A)

Dear Carlos:

In response to your letter dated May 16, 1985, I offer the following comment:

1. New information sheet is enclosed.
2. Engineers stamp and revision date have been added.
3. A section of the swale within the easement has been added.
4. The slope within the easement will consist of sod and is a 3 to 1 slope (max).
5. The encroachment into the easement along the southeast corner will consist of a 4 foot wide sidewalk which is not considered a permanent structure. (No utilities are located w/in easement)
6. The water from the parking area along the west property line will be conveyed through the sidewalk culvert as shown in the plan.
7. A curb is not needed along the west property line because the swale has the capacity to contain the flows - see calculations below.

$$Q = 1.486(A)^{5/3}(S)^{1/2}/(n)(p)^{2/3}$$

where A=0.5 sq.ft.

P=3.1 ft.

S=0.033 (min)

n=0.025

$$Q = 1.6 \text{ cfs} > Q(100) \text{ from the site.}$$

Your timely assistance in this matter is greatly appreciated.

Sincerely,

Victor J. Chavez
Victor J. Chavez, P.E.

JSM/rc



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

May 30, 1985

Mr. Victor J. Chavez, PE
Chavez-Grievess Consulting Engineers
4520 Montgomery NE, Suite 3
Albuquerque, NM 87109

REF: REVISED DRAINAGE-GRADING PLAN FOR ATLAS OFFICE BUILDING (J19-D28A)
ENGINEER STAMP DATED MAY 28, 1985

Dear Mr. Chavez:

Based on the information provided on your May 28, 1985 resubmittal, the above referenced drainage plan is approved.

Please advise your client that if any erosion is encountered within the easement because of the developed flows being generated, provisions will need to be implemented if the sod does not hold.

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

Sincerely,

Carlos A. Montoya, PE
City/County Flood Plain Admin.

CAM:BJM:mrk

MUNICIPAL DEVELOPMENT DEPARTMENT

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

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER