HYDROLOGY F19/D27 ONE PLAN

F19/D27

1 PLAN

A. R. DUPÓN
& J. TORRES
16 JUNE 87
HOT BREEZY 90°

5243 WYOMING

STA	+	H.I.	INT.	−	ELEV.	
B.M.					540.60	□ WEST SIDE OF WYOMING
	3.00	543.68				
1			4.35		39.33	
2			7.66		36.02	
3			6.31		37.37	
4			9.34		34.34	
5			10.25		533.43	
	6.69	540.12				
6			7.49		32.63	
7			8.82		31.30	
8			8.75		31.37	
9			9.39		30.73	
10			6.11		34.01	
11			3.14		36.98	F.F
12			3.17		36.95	F.F.
13			3.42		534.70	
	7.57	541.57				
			3.90		540.67	TIE E/C 0.01

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

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

October 13, 1986

Duane Logan
Logan/Gross & Associates
925 Sixth Street, NW Suite #3
Albuquerque, New Mexico 87102

RE: DRAINAGE PLAN FOR DENTIST OFFICE AT 5343 WYOMING BLVD., NE
(F-19/D27) ENGINEER'S STAMP DATED OCTOBER 8, 1986

Dear Duane:

Based on the information provided on your October 8, 1986 submittal, the above referenced drainage plan is approved for Building Permit sign-off by the Hydrology Section.

In future submittals, please include your undeveloped flow rates and volumes. Please attach a copy of this approved plan to the construction sets prior to sign-off.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsi

FILE COPY

City of Albuquerque

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Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

DRAINAGE INFORMATION SHEET

CITY OF ALBUQUERQUE, N.M.

PROJECT TITLE: Dentist Office ZONE ATLAS/DRNG. FILE #: F19/D27

LEGAL DESCRIPTION: Tract B-1-B-1 American Heritage North Unit #3

CITY ADDRESS: 5343 Wyoming NE

ENGINEERING FIRM: Logan/Gross CONTACT: Duane Logan

ADDRESS: 925 6th St., NW PHONE: 243-6353

OWNER: Dr. Mark McAnelly CONTACT: Same

ADDRESS: 5341 wyoming NE PHONE: 822-8777

ARCHITECT: Michael Del Mastro CONTACT: Same

ADDRESS: 6916 Bellrose NE PHONE: 883-4929

SURVEYOR: Lynn Engineering CONTACT: Dennis D. Lynn

ADDRESS: Box 860 Rte 3, Los Lunas PHONE: 869-3548

CONTRACTOR: None Yet CONTACT: ____

ADDRESS: ____ PHONE: ____

PRE-DESIGN MEETING:

XXX YES

____ NO

XXX COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED OCT 08 1986 HYDROLOGY SECTION

DRB NO. ____

EPC NO. ____

PROJ. NO. ____

TYPE OF SUBMITTAL:

____ DRAINAGE REPORT

XXX 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

XXX BUILDING PERMIT APPROVAL

____ FOUNDATION PERMIT APPROVAL

____ CERTIFICATE OF OCCUPANCY APPROVAL

____ ROUGH GRADING PERMIT APPROVAL

____ GRADING/PAVING PERMIT APPROVAL

____ OTHER ____ (SPECIFY)

DATE SUBMITTED: October 8, 1986

BY: Duane Logan

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

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: F-14 DATE: 8/29/86 @ 11:00

PLANNING DIVISION NOS: EPC: _____ DRB: _____

SUBJECT: Office Building

STREET ADDRESS (IF KNOWN): _____

SUBDIVISION NAME: Tract B-1-B-1 American Heritage North Unit #5

APPROVAL REQUESTED:

____ PRELIMINARY PLAT	____ FINAL PLAT
____ SITE DEVELOPMENT PLAN	___✓___ BUILDING PERMIT
____ OTHER	____ ROUGH GRADING

ATTENDANCE:	WHO	REPRESENTING
	Larry Gross	Lyman/Gross
	Carlos	Hydrology Section

FINDINGS:

(1) Drainage plan per DPM

(2) Free discharge per 1984 approval of F19-D27 by Vic Chang

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: Carlos A Montoya	SIGNED: [illegible]
TITLE:	TITLE:
DATE: 8-29-86	DATE: 8/29/86

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

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

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

December 6, 1984

Mr. Victor Chavez
Chavez-Grieves
4520 Montgomery Boulevard NE
Albuquerque, NM 87109

REF: REVISED GRADING AND DRAINAGE PLAN FOR OFFICE COMPLEX FOR MARK McANELLY AND GLEN GARCIA (F19-D27) RECEIVED NOVEMBER 20, 1984

Dear Vic:

The above referenced plan, dated November 20, 1984 is approved.

Please attach a copy of this approved plan to the construction set prior to Hydrology sign-off.

If I can be of further assistance, please contact me at 766-7644.

Sincerely yours,

Billy J. Goolsby

Billy J. Goolsby, PE
Civil Engineer/Hydrology

BJG:mrk

CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC.
4520 MONTGOMERY BLVD., SUITE 3
ALBUQUERQUE, N.M. 87109
(505) 881-7376

November 20, 1984

Mr. Billy J. Goolsby
The City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103

RE: Drainage Plan for An Office Complex for Mark McAnelly F-19

Dear Billy:

In response to our phone conversation of November 19, 1984, I offer the following revision:
The southeast end of the site must match the existing elevations with the south property in order to share a common driving lane. Therefore, a berm has been proposed here to divert the flows to the west. The proposed velocity toward the south is, 3.86 ft./sec. The depth here will be 2.78 inches and will not be able to cross over the proposed berm.

Calculations:

$$V_{SW} = (1.486\ (1.8/12)^{2/3}\ (0.0278)^{1/2}/0.015$$
$$= 4.66 \text{ ft./sec.}$$
$$V_s = 4.66 \cos 34^\circ = 3.86 \text{ ft./sec.}$$
$$V^2/2g = 0.23 \text{ ft.} = 2.78''$$

Your timely assistance in this matter has been appreciated.

Sincerely,

Jackie S. McDowell

Jackie S. McDowell

RECEIVED
NOV 20 1984
HYDROLOGY SECTION

INFORMATION SHEET

PROJECT TITLE AN OFFICE COMPLEX FOR MARK McANELLY AND GLEN GARCIA TYPE OF SUBMITTAL DRAINAGE

ZONE ATLAS PAGE NO. F-19-Z/D27 CITY ADDRESS 5353 WYOMING BLVD. N.E.

LEGAL DESCRIPTION TRACT B-1-B-1, HERITAGE HILLS

ENGINEERING FIRM CHAVEZ-GRIEVES CONSULTING ENGR CONTACT JACKIE McDOWELL

ADDRESS 4520 MONTGOMERY N.E., ABQ. 87109 PHONE (505) 881-7376

OWNER MARK McANELLY CONTACT MARK McANELLY

ADDRESS 9315 GALAXIA N.E. PHONE (505) 822-8777

ARCHITECT PAT McMURRAY, ARCHITECT CONTACT PAT McMURRAY

ADDRESS 3901 GEORGIA, ABQ. N.M. 87110 PHONE (505) 883-3906

SURVEYOR LYNN ENGINEERING & SURVEYING CONTACT DENNIS LYNN

ADDRESS RT 3, BOX 860, LOS LUNAS, N.M. 87031 PHONE (505) 869-3548

CONTRACTOR GLEN GARCIA CONSTRUCTION CO. CONTACT GLEN GARCIA

ADDRESS 6201 ROGERS N.E., ABQ. N.M. PHONE (505) 881-4036

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
X BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

RECEIVED NOV 20 1984 HYDROLOGY SECTION

DATE SUBMITTED November 20, 1984

BY: VICTOR J. CHAVEZ, P.E.

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

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

October 30, 1984

Mr. Victor Chavez
Chavez-Grieves
4520 Montgomery Boulevard, Suite 3
Albuquerque, NM 87109

REF: GRADING AND DRAINAGE PLAN FOR OFFICE COMPLEX FOR MARK McANELLY AND GLEN GARCIA (F19-D27) RECEIVED SEPTEMBER 18, 1984

Dear Vic:

I have reviewed the above referenced submittal and forward the following comments:

1. There is not sufficient elevation difference at the entrance from Wyoming Boulevard to prevent storm flows from entering the property.

2. Finished floor elevations for the adjacent building should be provided. Also, sufficient spot elevations should be provided to clearly show the interfacing with the adjacent properties. Of particular interest is how will the flow in the east parking area be turned 90 degrees west without the momentum carrying the flow onto the property to the south. There is almost a 3% slope for the east parking area that will generate high velocity and no identifiable means to change the course.

3. Will there be a curb provided along the west parking area to insure that the flows will exit through the drivepad?

4. Resubmittal shall have a revision date identified.

5. Please provide TBM on-site for future reference.

Should you have any questions or comments, please contact me at 766-7644.

Sincerely yours,

Billy J. Goolsby

Billy J. Goolsby, PE
Civil Engineer/Hydrology

BJG:mrk

INFORMATION SHEET

PROJECT TITLE AN OFFICE COMPLEX FOR MARK McANELLY AND GLEN GARCIA TYPE OF SUBMITTAL DRAINAGE

ZONE ATLAS PAGE NO. F-19-Z D-27 new CITY ADDRESS 5353 WYOMING BLVD. N.E.

LEGAL DESCRIPTION TRACT B-1-B-1, HERITAGE HILLS

ENGINEERING FIRM CHAVEZ-GRIEVES CONSULTING ENGR CONTACT JACKIE McDOWELL

ADDRESS 4520 MONTGOMERY N.E., ABQ. 87109 PHONE (505) 881-7376

OWNER MARK McANELLY CONTACT MARK McANELLY

ADDRESS 9315 GALAXIA N.E. PHONE (505) 822-8777

ARCHITECT PAT McMURRAY ARCHITECT CONTACT PAT McMURRAY

ADDRESS 3901 GEORGIA, ABQ. N.M. 87110 PHONE (505) 883-3906

SURVEYOR LYNN ENGINEERING & SURVEYING CONTACT DENNIS LYNN

ADDRESS RT 3, BOX 860, LOS LUNAS, N.M. 87031 PHONE (505) 86[illegible]-3548

CONTRACTOR GLEN GARCIA CONSTRUCTION CO. CONTACT GLEN GARCIA

ADDRESS 6201 ROGERS N.E., ABQ. N.M. PHONE (505) 881-4036

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
X BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

SEP 19 1984
HYDROLOGY SECTION

DATE SUBMITTED SEPTEMBER 19, 1984

BY: VICTOR J. CHAVEZ, P.E.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. F-19 DATE: 8/13/84

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: Tract B-1-B-1

WHO	REPRESENTING
ATTENDANCE: Jackie McDowell	
Billy Goolsby	

FINDINGS: ① Approval Drainage Plan per DPM prior to issuance of building permit. ② Site is not located in a flood hazard zone - Discharge to be determined by downstream capacity.

X Please provide a copy of recap w/submittal.

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: Billy G. Goolsby
TITLE: CE/Hydrology
DATE: 8/13/84

SIGNED: Jackie S McDowell
TITLE: Intern Chavez Grieves
DATE: 8/13/84