HYDROLOGY K14/D19 1 PLAN

K14/D19

1 Plan

FOR HYDROLOGY FILES

INFORMATION SHEET

PROJECT TITLE ~~ALBUQ. PUBLIC LIBRARY~~ SPECIAL COLLECTIONS BRANCH TYPE OF SUBMITTAL REVISED DRAINAGE PLAN

ZONE ATLAS PAGE NO. K-14/D19 CITY ADDRESS _____

LEGAL DESCRIPTION LOTS 2,3,4,5 & 6 BLOCK 13 - HUNING HIGHLAND SECTOR DEV. PLAN

ENGINEERING FIRM CHAVEZ/GRIEVES CONTACT VIC CHAVEZ

ADDRESS 4520 MONTGOMERY NE PHONE 881 7376

OWNER CITY OF ALBUQUERQUE CONTACT ALAN CLARK

ADDRESS POBOX 1293 PHONE _____

ARCHITECT SMP&C CONTACT ROBERT G. MALLORY

ADDRESS 115 AMHERST S.E. PHONE 2558668

SURVEYOR _____ CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

PRE-DESIGN MEETING:

___ YES
___ NO
___ 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
___ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
✓ OTHER INFORMATION (SPECIFY)

DATE SUBMITTED: Robert G. Mallory

BY: _____

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NOV 19 1984
DESIGN HYDROLOGY SECTION

CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC.

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

November 5, 1984

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NOV 0 9 1984
HYDROLOGY SECTION

Mr. Carlos Montoya
The City of Albuquerque
Hydrology Department
P.O. BOX 1293
Albuquerque, N.M. 87103

RE: ALBUQUERQUE LIBRARY DRAINAGE PLAN (K14-019)

Dear Carlos:

Attached is a copy of the outlet detail which will be a part of the Albuquerque Library Drainage.

Please call if I can be of any further assistance in this matter.

Very truly yours,

CHAVEZ-GRIEVES CONSULTING ENGINEERS, INC.

Victor J. Chavez

Victor J. Chavez, P.E.

att.
VJC:mf

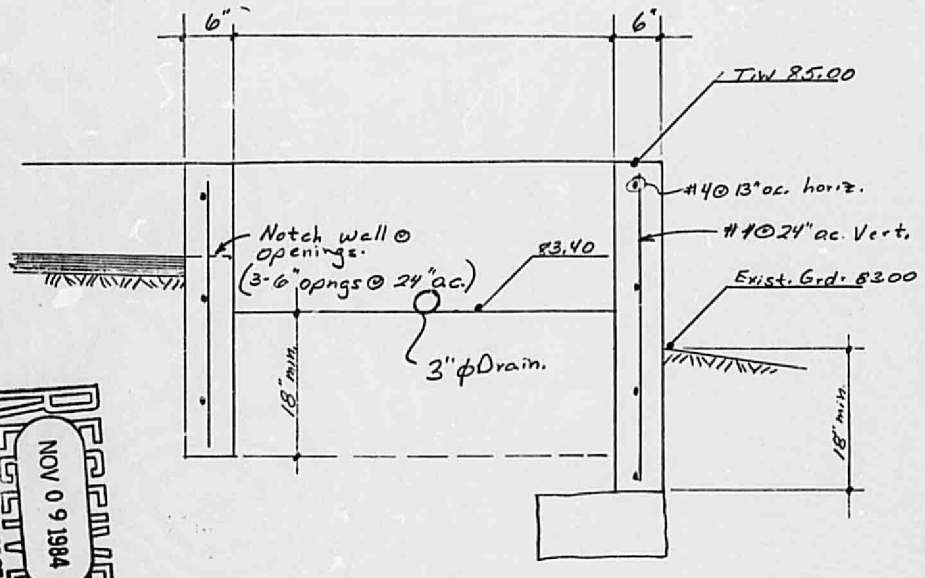
RECEIVED
NOV
HYDRO

Job _____ Sheet No. ____ of ____

Subject _____ Job No. _____

Client _____ By _____ Date _____

CHAVEZ-GRIEVES / CONSULTING ENGINEERS, Inc. Albuquerque, NM



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HYDROLOGY SECTION

Wall @ Outlet to Alley.

Wind Load 23 psf. M_L = 23(7)(5) = 805 ft-lb.

w/t= 16" W_1 = 8(67) = 536 W_2 = 110 W_3 = 1.67(1.83)(150) = 207

M_R = 536(1.33) + 110(1.17) + 207(1.83) = 977

t= 2'-0" W_1 = 536 W_2 = 1.33(110) = 148 W_3 = 2.67(1.83)(150) = 332

M_R = 536(.83) + 133(1.67) + 332(1.33) = 840

$M_{R\,soil}$ = 225(1.83) = 187

SF = 840+187 / 805 = 1.28

w/ 4" keel SF = 1.69

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

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

October 23, 1984

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

RE: DRAINAGE PLAN FOR ALBUQUERQUE LIBRARY PARKING LOT (K14-D19)

Dear Victor:

The above drainage plan has been approved. I would like to expand on my approval letter. Grading will be accomplished in the alley north of the site. The alley will be graded so that runoff can be removed from the parking lot. Also, from our phone conversation, you said that that outlet detail would be submitted.

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

Sincerely,

Carlos A. Montoya
City/County Flood Plain Administrator

CAM/jr

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

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

October 12, 1984

Mr. Victor Chavez
Chavez-Grieves Consl. Engrs.
4520 Montgomery N.E., Suite 3
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR ALBUQUERQUE LIBRARY PARKING LOT (K14-D19)
RECEIVED JULY 17, 1984

Dear Vic:

The above referenced plan, dated July 17, 1984 is approved.

Grading will have to be accomplished in the alley in accordance with the proposed alley grades.

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,

Carlos A. Montoya
Civil Engineer/Hydrology

CAM/bm

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. K 14 DATE: 9/23/83

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: ALB LIBRARY
PURPOSE IS FOR A GRADING & PAVING PERMIT - NO BUILDING CONST. PROPOSED.

ATTENDANCE:	WHO	REPRESENTING
	Vic Chavez	
	FJ Aguirre	

FINDINGS:
1. DRAINAGE PLAN APPROPIATE PER F.H. DRAINAGE ORDINANCE, MORE SPECIFICALLY SECTION 12, B4
2. DISCHARGE INTO THE ADJACENT ALLEY REQUIRES INVESTIGATION AS TO THE ADEQUACY WITH RESPECT TO EROSION AND OUTFALL
3. CONTROLLED DISCHARGE REQUIRED DUE TO FLOODING DOWNSTREAM
5/23/84. 4. CITY APPROVED ALLEY GRADES REQUIRED (PRELIMINARY ALLEY GRADES BY ENGINEER ACCEPTABLE FOR GRADING PERM.
5. GRADING OF ALLEY NEEDED TO DRAIN STORM RUNOFF TO AN ~~IMPROVED~~ CITY STREET

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: _____ SIGNED: _____
TITLE: _____ TITLE: Proj. Eng.
DATE: 9/23/83 DATE: 9/27/83

RECEIVED
JUL 17 1984
HYDROLOGY SECTION

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

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

August 10, 1984

Mr. Victor J. Chavez
Chavez-Grieves Consultant Engineers
4520 Montgomery NE, Suite 3
Albuquerque, New Mexico 87109

REF: DRAINAGE PLAN FOR ALBUQUERQUE LIBRARY-PARKING LOT (K-14 D-19)
RECEIVED JULY 17, 1984.

Dear Mr. Victor J. Chavez:

I have reviewed the above referenced plan and foward the following comments:

1. Need information on the drivepad to parking lot from Edith Boulevard. Require flow line elevations on Edith and spot elevations on drivepad.

2. Require more information on the outlet of the parking lot into the alley. Unable to determine ponding elevations or the elevation at which flows will discharge into alley. What are the ponding limits in the parking lot?

3. We will require preliminary input from the city design section on the proposed alley grades before we approve the drainage plan. We have following concerns on the alley grades.

   Erosion control is not addressed in the drainage plan. The flows from the parking lot outlet may enter the downstream lot. Will this adjoining lot be able to drain into the alley?

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

Sincerely,

Carlos A. Montoya
Civil Engineer/Hydrology

CAM/dl

INFORMATION SHEET

PROJECT TITLE ALBUQUERQUE LIBRARY-PARKING LOT TYPE OF SUBMITTAL DRAINAGE PLAN

ZONE ATLAS PAGE NO. K-14-2 D19 CITY ADDRESS N.A.

LEGAL DESCRIPTION LOT 2, BLOCK 13, HUNING HIGHLAND ADDITION

ENGINEERING FIRM CHAVEZ-GRIEVES CONSULTING ENGRS. CONTACT VICTOR J. CHAVEZ, P.E.

ADDRESS 4520 MONTGOMERY N.E., SUITE 3 PHONE (505) 881-7376

OWNER CITY OF ALBUQUERQUE CONTACT JOE deLaLonga

ADDRESS 400 GOLD N.W. PHONE (505) 766-7441

ARCHITECT STEVENS,MALLORY,PEARL & CAMPBELL CONTACT BOB MALLORY

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

SURVEYOR CITY OF ALBUQUERQUE CONTACT DAN MONTANO

ADDRESS 123 CENTRAL AVE. N.W. PHONE (505) 766-5040

CONTRACTOR N.A. CONTACT

ADDRESS PHONE

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)

DATE SUBMITTED 6/27/84

BY: VICTOR J. CHAVEZ, P.E.

RECEIVED
JUL 17 1984
HYDROLOGY SECTION

K14 D19

CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC.

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

LETTER OF TRANSMITTAL

TO: City of Albuquerque
Hydrology Dept.

DATE: July 17, 1984
JOB NO. S05-103-00
RE: Albuquerque Library-
Parking Lot Drainage

GENTLEMEN:

We are sending you X ATTACHED ___ UNDER SEPARATE COVER the following items:

__ SHOP DRAWINGS __ CHANGE ORDER __ SPECIFICATIONS
X COPY OF LETTER __ PLANS X Information Sheet
X PRINTS __ SAMPLES

COPIES	DATE	NO.	DESCRIPTION
1			Information Sheet
1			Conference Recap Sheet
2			Drainage Plan

THESE ARE TRANSMITTED as checked below:

X FOR APPROVAL
__ FOR YOUR USE
__ AS REQUESTED
__ FOR REVIEW AND COMMENT
__ APPROVED AS SUBMITTED
__ APPROVED AS NOTED
__ RETURNED FOR CORRECTIONS
__ RESUBMIT ___ COPIES FOR APPROVAL
__ SUBMIT ___ COPIES FOR DISTRIBUTION
__ RETURN ___ CORRECTED PRINTS
__ PRINTS RETURNED AFTER LOAN TO US
__ FOR BIDS DUE _____ 19___

REMARKS:

RECEIVED
JUL 17 1984
HYDROLOGY SECTION

COPY TO: File

SIGNED: Victor J. Chavez, P.E.

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