HYDROLOGY

H18/D38

OFFICE BLDG

6201 UPTOWN BLVD.

H 18-D 38

1 PLAN

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

PRE-DESIGN CONFERENCE RECAP

HYDROLOGY SECTION PROJECT NO.: H-18 DATE: 2/15/85

PLANNING DIVISION NOS. EPC: _____ DRB: _____

SUBJECT: Office Building

LEGAL DESCRIP.: Tract A-2-A Bellamahs Jeannedale Unit 5

APPROVAL REQUESTED

_____ PRELIMINARY PLAT
X SITE DEVELOPMENT PLAN
_____ FINAL PLAT
X BUILDING PERMIT
_____ ROUGH GRADING

	WHO:	REPRESENTING:
ATTENDANCE:	Jackie McDowell	Chavez - Grieves
	Billy Goolsby	City

X Conceptual Drainage Plan/Report required for Preliminary Plat and/or Site Development Plan sign-off.

X Approved Drainage Plan/Report required for Final Plat and/or Building Permit sign-off.

_____ Subdivision Improvements Agreement or Financial Security required.

FINDINGS: Q Discharge to be determined by analysis of downstream capacity.

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	SIGNED:	Jackie M. Dowell
TITLE:	CE/Design Hydrology	TITLE:	Intern/Jackie GRIEVES
DATE:	2/15/85	DATE:	2-15-85

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

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Office Bldg @ 6201 Uptown Blvd. ZONE ATLAS/DRNG.FILE #: H-18/38

LEGAL DESCRIPTION: Tract A-2-A; Plat: A-2-A and A-2-B Dale J. Bellamah's Jeannedale, Unit No.5, Alb, N.M.

CITY ADDRESS: 6201 Uptown Blvd.

ENGINEERING FIRM: Chavez-Grieves Consulting Engrs CONTACT: Victor J. Chavez

ADDRESS: 4520 Montgomery PHONE: (505) 881-7371c

OWNER: CONTACT:

ADDRESS: PHONE:

ARCHITECT: De la Torre / Rainhart CONTACT: Jorge De la Torre

ADDRESS: 6121 Indian School Rd. NE, Suite K1 PHONE: (505) 881-0550

SURVEYOR: Forstbauer Surveying Co CONTACT: Ronald Forstbauer

ADDRESS: 508 Chama NE PHONE:

CONTRACTOR: N/A CONTACT:

ADDRESS: PHONE:

PRE-DESIGN MEETING:

X YES

NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED APR 09 1985 HYDROLOGY SECTION

DRB NO. 85-166 4/2/85

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: 5/20/85

BY: Victor J. Chavez

CONCEPTUAL DRAINAGE PLAN

OFFICE BUILDING AT 6201 UPTOWN BLVD. N.E.

The study site is located west of the intersection of Jeannedale Dr. and Uptown Blvd. N.E. on the north side of Uptown Blvd. containing approximately 0.689 acres. The site is presently 100% undeveloped and slopes from northeast to southwest with an average slope of 3.8 percent. Flows from the site discharge directly to Uptown Blvd. and are transported east to Jeannedale Dr. where they are intercepted by a catch basin in Jeannedale Dr. The catch basin is connected to a 66" storm sewer with a slope of 0.021 and a capacity of 422 cfs. The 100-year peak discharge in this pipe is 338 cfs (Albuquerque Master Drainage Study).

Off-site flows have no impact on the proposed development. Adjacent areas north, east and southwest are prevented from contributing flows to the site by existing grades. All on-site flows will be diverted around the proposed building and be transported as surface flows through the parking areas and landscaping to Uptown Blvd.

CALCULATIONS:
A = 0.689 acres
I = 2.2 in./hr.
6-hr. Rainfall = 2.3 in.
i = (2.2)(2.3) = 5.06 in./hr.
Soil Series = TgB,etc.; Hydrologic Soil Group = B

RECEIVED
APR 09 1985
HYDROLOGY SECTION

EXISTING ON-SITE CONDITIONS:
Percent Impervious = 0%
C = 0.34
Q(100) = (0.34)(5.06)(0.689) = 1.19 cfs
CN = 70
Direct Runoff = 0.4 in.
V(100) = (0.4)(0.689)(43560)/12 = 1000 cu. ft.

PROPOSED ON-SITE CONDITIONS:
Percent Impervious = 85%
C = 0.81
Q(100) = (0.81)(5.06)(0.689) = 2.82 cfs
CN = 92
Direct Runoff = 1.5 in.
V(100) = (1.5)(0.689)(43560)/12 = 3752 cu. ft.

CAPACITY OF 66" STORM SEWER IN JEANNEDALE DR.
Size = 6
Slope = 0.021
Q = 422 cfs (Albuquerque Master Drainage Study)
100-yr. Peak Discharge = 338 cfs (AMDS)

VICTOR J. CHAVEZ
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
4/11/85

RECEIVED MAY 28 1985

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

May 23, 1985

Mr. Victor Chavez
Chavez-Grieves Consulting Eng.
4520 Montgomery Blvd. NE
Albuquerque, N.M. 87109

RE: DRAINAGE PLAN FOR OFFICE BUILDING AT 6201 UPTOWN BLVD., (H18/D38) RECEIVED APRIL 9, 1985

Dear Victor,

The above referenced plan dated May 21, 1985 is approved for site development plan approval and building permit signoff by Hydrology.

Sincerely,

Carlos A. Montoya

Carlos A. Montoya
City/County Flood Plain Admin.

CAM/cl

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

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

June 4, 1985

Mr. Victor Chavez
Chavez-Grieves Consulting Eng.
4520 Montgomery Blvd. NE
Albuquerque, New Mexico 87109

REF: REVISED DRAINAGE PLAN FOR OFFICE BUILDING AT 6201 UPTOWN BLVD. (H18/D38) RECEIVED MAY 28, 1985, ENGINEER'S STAMP DATED 5/21/85

Dear Victor,

Based on the information provided on your May 28, 1985 resubmittal, revisions indicated are acceptable.

If I can be of further assistance, please feel free to call me at 766-7644.

Sincerely,

Carlos A. Montoya

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

BJM/CAM/cl

call:
Bob Malone — 842-9500

DRB-85-165
(NE)

de la Torre and Rainhart, agents for D.E. Boyle, requests Site Development Plan approval for a 10248 square foot office building for Tract A-2-A, Dale Bellamahs Jeannedale Addition, located on the north side of Uptown Boulevard, N.E., between San Pedro and Jeannedale Drive, N.E., zoned SU-3 as per the Uptown Sector Development Plan, containing approximately .689 acre. (H-18)

There was no one present at the hearing in opposition to the request.

Persons Present on Behalf of the Request:

George Rainhart, agent

Board Comments:

√ 1. Fire protection requirements must be obtained from the Fire Department and forwarded to the Water Resource Department.

Findings:

√ 1. A water and sanitary sewer availability statement must be requested and completed.

2. An approved conceptual drainage report is required.

√3. Outdoor reflective values for the exterior glass will be in the 30 range.

√4. The west curb cut should be flare from 24 feet at the back of the property to 30 feet at the sidewalk.

5. Final sign off of the site development plan was delegated to the Water Resource Department, City Engineering, and the Planning Division.

THEREFORE BE IT RESOLVED that DRB-85-165 be approved subject to the above listed Findings.

CONCLUSION OF PUBLICLY ADVERTISED CASES

-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-

THE MEETING WAS RECESSED AT 10:12 A.M., AND WAS RECONVENED AT 10:20 A.M.

FINAL SIGN-OFFS

DRB-84-56
(SW)
(SC5-83-41)
(12/27/84)

Oliver Trujillo, agent for Larry Vigil, requests Final Plat approval of Larry Vigil West Subdivision, comprising of Lots 1-9, 10A-18A, 19B-27B, and 28C, located north of Meade Avenue, S.W. (P-10)

The agent was requesting a six (6) month extension of the preliminary plat approval.

BE IT RESOLVED that SC5-83-41/DRB-84-56 be granted a six (6) month extension of the preliminary plat approval.