F20/D15d

1 PLAN

MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION/DESIGN HYDROLOGY SECTION

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: F20 DATE: 8-28-85
PLANNING DIVISION NOS: EPC: DRB:
SUBJECT: corner of Eubank & Montgomery
STREET ADDRESS (IF KNOWN):
SUBDIVISION NAME:

APPROVAL REQUESTED:

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

ATTENDANCE: WHO	REPRESENTING
Lisa Cooper	
Carlos Montoya	

FINDINGS:

(1) Drainage plan per DPM
(2) Cannot find a master plan for the area.
(3) Discharge from site to be determined by downstream capacity.
(4) Draining to private 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: Carlos A Montoya	SIGNED: Lisa C Cooper
TITLE:	TITLE:
DATE: 8-28-85	DATE: 8-28-85

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

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Worman Office Bldg. ZONE ATLAS/DRNG. FILE #: F-20-Z/D 150

LEGAL DESCRIPTION: Tract 2, Block One, Office

CITY ADDRESS: _____

ENGINEERING FIRM: A & E Engineering CONTACT: R.G. Lee

ADDRESS: 1330 San Pedro, Suite 208 PHONE: 266-8791

OWNER: Don Worman CONTACT: Don Worman

ADDRESS: 6404 Katson NE PHONE: 265-3383

ARCHITECT: Jack Fickel, Archtct. CONTACT: Jack Fickel

ADDRESS: 3812 Edith Blvd. NE PHONE: 344-9484

SURVEYOR: A & E Engineering CONTACT: John Esquibel

ADDRESS: 1330 San Pedro NE #208 PHONE: 266-8791

CONTRACTOR: Hacker Ltd. CONTACT: Steve Hacker

ADDRESS: 9601 Sierra Vista Ct. NE PHONE: 292-6700

RECEIVED
SEP 30 1985
HYDROLOGY SECTION

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. —

EPC NO. ~

PROJ. NO. _____

TYPE OF SUBMITTAL:

X 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: _____

BY: _____

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

October 4, 1985

Mr. R.G. Lee
A & E Engineering
1330 San Pedro, Suite 208
Albuquerque, NM 87110

RE: WORMAN OFFICE (F20-D15D)

Dear Mr. Lee:

A preliminary review of your submittal for Building Permit approval has shown that the following information is lacking for this section to begin the review process:

Information Needed:

1. Unable to follow your calculations for your hydrographs.
2. Per the pre-design you were not required to pond but to analyze the down stream conditions to determine free discharge.

Plan Drawing:

1. TBM location will need to be identified as a curb notch or painted.

Please provide this information so that we may process your request as expediently as possible.

Cordially,

Bernie J Montoya

City Design/Hydrology Section

BJM/cl

Resubmitted F-20-D-15D

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Worman Office Bldg. ZONE ATLAS/DRNG. FILE #: F-20-Z

LEGAL DESCRIPTION: Tract 2, Block One, Office

CITY ADDRESS: _____

ENGINEERING FIRM: A & E Engineering CONTACT: R.G. Lee

ADDRESS: 1330 San Pedro, Suite 208 PHONE: 266-8791

OWNER: Don Worman CONTACT: Don Worman

ADDRESS: 6404 Kathryn NE PHONE: 265-3383

ARCHITECT: Jack Fickel, Architect. CONTACT: Jack Fickel

ADDRESS: 3812 Edith Blvd. NE PHONE: 344-9484

SURVEYOR: A & E Engineering CONTACT: John Esaubel

ADDRESS: 1330 San Pedro NE #208 PHONE: 266-8791

CONTRACTOR: Hacker Ltd. CONTACT: Steve Hacker

ADDRESS: 9601 Sierra Vista Ct. NE PHONE: 292-6700

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED
FEB 26 1986
HYDROLOGY SECTION

DRB NO. _____

EPC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

X DRAINAGE REPORT

X DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

___ GRADING PLAN

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___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

___ OTHER _____ (SPECIFY)

DATE SUBMITTED: February 24/1986

BY: John F Esaubel

A&E ENGINEERING INC.
CIVIL ENGINEERING, LAND PLANNING, AND SURVEYING

February 25, 1986

Design Hydrology Section
123 Central NW
Albquerque, New Mexico 87102

ATTN; Bernie J. Montoya

RE: Worman Office (F20-D15D)

RECEIVED
FEB 26 1986
HYDROLOGY SECTION

Dear Mr. Montoya:

In reference to items 1 and 2, in your letter dated October 4, 1985, we have redesigned the parking lot layout and are not ponding on the site. The total amount of additional runoff which the area being developed contributes is very small. This amount totals 0.667 cfs. This being Q_{100} developed (1.198 cfs)- Q_{100} (0.531 cfs) = 0.657 cfs. The downstream conditions can handle this amount of runoff.

The TBM is identified as a curb notch on the top of curb southwest corner of property.

If you have any further questions, please feel free to call on us.

Sincerely yours,

John F. Esquibel

1330 SAN PEDRO N.E.
SUITE 101 (505) 266-8791
ALBUQUERQUE, NEW MEXICO 87110

FOX & ASSOCIATES OF NEW MEXICO, INC.

CONSULTING ENGINEERS AND GEOLOGISTS

ALBUQUERQUE OFFICE 3412 BRYN MAWR DRIVE, NE
ALBUQUERQUE, NEW MEXICO 87107
(505) 884-0900

RECEIVED
FEB 26 1986
HYDROLOGY SECTION

February 17, 1986

Hacker Limited
9601 Sierra Vista Court, N.E.
Albuquerque, New Mexico 87111

Re: Worman Office/Warehouse Building, Tract 2, Block 1, Ofilmiano J. Gutierrez Lower Terrace Subdivision, Montgomery Boulevard, NE & Eubank Boulevard NE, Albuquerque, New Mexico, Fox Job No. 017770

Gentlemen:

In order protect the supporting soils under the east foundation of the above referenced structure from the possible migration of water from the detention pond on the property immediately to the east, we recommend using a 20 mil. thickness visqueen moisture barrier or equal in an eight (8) feet minimum depth trench located approximately six (6) feet to the east and paralled to the east foundation of the proposed structure. The moisture barrier should extend a minimum of six (6) feet beyond the corners of the proposed structure. The backfill in the trench should be compacted to 90 percent of maximum dry density as established by ASTM D 1557.

Refer to the attached drawing. These recommendations will be followed by our completed subsurface and foundation report on approximately February 21, 1986.

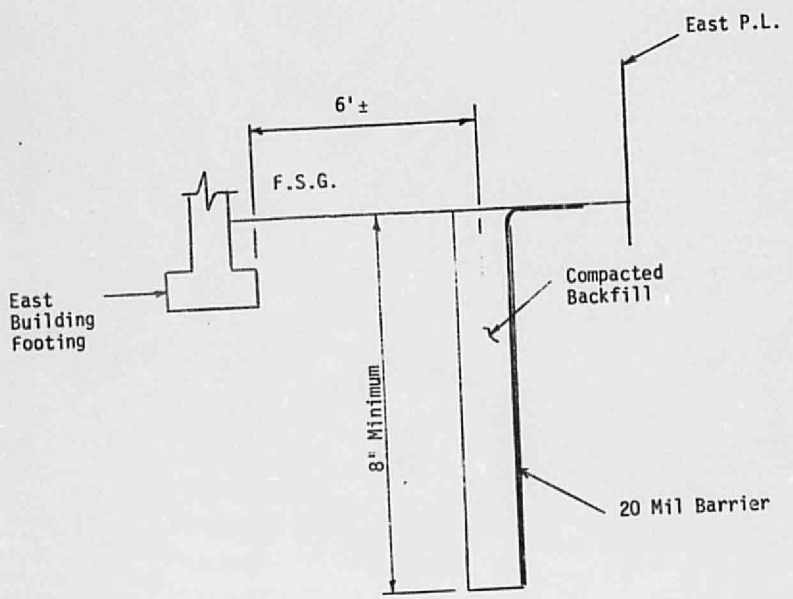
If you have any questions concerning these recommendations, please call us.

Sincerely,
Fox & Associates of New Mexico, Inc.

James D. Rose

James D. Rose, P.E.
Project Geotechnical Engineer

Copies: Addressee
Jack Fickel, Architect (3)



MOISTURE BARRIER

FOX Consulting Engineers and Geologists

Job No: 0117770
Date: 2/17/86
Figure A

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

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

March 6, 1986

R.G. Lee
A & E Engineering
1330 San Pedro, NE Suite 208
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR WORMAN OFFICE
RECEIVED FEBRUARY 26, 1986 (F-20/D15D)

Dear Mr. Lee:

Based on the information provided on your February 26, 1986 submittal, listed you will find certain concerns that will need to be addressed before final approval.

1. New information sheet with resubmittal designation.

2. Engineer's stamp with signature and revision date.

3. Notation No. 6 is incorrect, at no time during your pre-design meeting were you instructed to pond or not to pond. Analysis of downstream facilities and conditions is what dictates what will be required. The analysis has to be accomplished by the Engineer doing the proposed design. Use of the AMDS study, the storm sewer facility maps, and the FIRM maps may help you in your analysis.

4. The amount of runoff that needs to be evaluated for downstream capacity is not the difference between the developed and undeveloped but the total amount that will be discharged toward any existing system. Notation on plan is also incorrect.

If you have any questions regarding this project, call me at 766-7644.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

BJM:CAM/bsj

RECEIVED
MAY 30 1986
HYDROLOGY SECTION

A&E ENGINEERING INC.

CIVIL ENGINEERING, LAND PLANNING, AND SURVEYING

City of Albuquerque
Design Hydrology Section
P.O. Box 1293
Albuquerque, New Mexico 87102

May 23, 1986

ATTN: Mr. Carlos Montoya
Mr. Bernie Montoya

RE: Drainage plan for Worman Office Building. Drainage plan F-20 ~~D12D~~. D15D

Dear Sir(s):

In reference to your letter dated March 6, 1986, pertaining to Item No. 3 - Analysis of Downstream Conditions and Facilities; we have discussed and reviewed existing plans and onsite conditions with Mr. James Fink and Mr. Dan Hogan of the City Engineers Office.

There has been two projects which have been designed and constructed within the last two years. These two projects being SAD 204 and the widening of Wyoming Boulevard, N.E. (Project 1637).

In our best professional opinion, we believe that the construction of these two projects mentioned above has definitely caused the downstream flooding condition to be reduced. We further believe that an increase of 0.47 cfs would not be an impact on the existing downstream conditions.

We would appreciate the approval of the referenced drainage plan.

Cordially,

John F. Esquibel, President

R. G. Lee, Design Engineer

Reviewed and approved for
the City of Albuquerque by

James A. Fink
Principal Engineer for Hydrology

R. G. LEE, JR.
NEW MEXICO
10??
REGISTERED PROFESSIONAL ENGINEER

1330 SAN PEDRO N.E.
SUITE 101 (505) 266-8791
ALBUQUERQUE, NEW MEXICO 87110

DRAINAGE INFORMATION SHEET

F20 DISD

PROJECT TITLE: WORKMAN OFFICE ZONE ATLAS/DRNG. FILE #: ~~F20 D15D~~

LEGAL DESCRIPTION: TRACT 2 BLK 1 OFIMIANO J GUTIERREZ LOWER TERRACE SUBDIVISI

CITY ADDRESS: 4517 LOWER TERRACE CIR.

ENGINEERING FIRM: A&E ENGINEERING CONTACT: JOHN ESQUIBEL

ADDRESS: 1330 SAN PEDRO NE PHONE: 266-8791

OWNER: DON WORKMAN CONTACT:

ADDRESS: PHONE:

ARCHITECT: JOHN FICKEL CONTACT: 344 9484

ADDRESS: PHONE:

SURVEYOR: A&E ENGINEERING CONTACT:

ADDRESS: PHONE:

CONTRACTOR: HACKER LTD CONTACT: RANDAL JOHNSON

ADDRESS: 9601 SIERRA VISTA PHONE: 292-6700

RECEIVED
MAY 30 1986
HYDROLOGY SECTION

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:

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___ 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: 5/30/86

BY: RANDAL JOHNSON

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

June 6, 1986

R.G. Lee
A & E Engineering
1330 San Pedro, NE, Suite 208
Albuquerque, NM 87110

REF: REVISED DRAINAGE PLAN FOR WORMAN OFFICE BUILDING (F20/D15D)
REVISION DATED 5/23/86

Dear Mr. Lee:

Based on the information provided on your May 30, 1986 resubmittal, the above referenced drainage plan is approved for Building Permit.

Please be advised that the Certificate of Occupancy will not be released until Engineer Certification in referenced to the proposed moisture barrier recommended by Fox and Associates is submitted to our office for review.

Please attach a copy of this approved plan to the construction sets before Hydrology will sign-off.

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

Sincerely,

for Bernie J. Montoya, C.E.
Engineering Assistant

BJM:mk

cc: Don Worman, 6404 Katson NE
Hacker Ltd., 9601 Sierra Vista Ct. NE

F20-D15D
File

FOX

FOX & ASSOCIATES OF NEW MEXICO, INC.
CONSULTING ENGINEERS AND GEOLOGISTS
ALBUQUERQUE OFFICE 3412 BRYN MAWR DRIVE, NE
ALBUQUERQUE, NEW MEXICO 87107
(505) 884-0900

August 18, 1986

Hacker, Ltd.
3736 Eubank, N.E., Suite D
Albuquerque, New Mexico 87110

Job No. 450940

Subject: Description of Daily Activities and Events for
Worman Office/Warehouse, Montgomery & Eubank

Gentlemen:

Transmitted herein is the detailed test data for the subject project.

FOX & ASSOCIATES OF NEW MEXICO, INC.

George Montoya
Staff Engineering Technician

Reviewed by:

MARTIN D. VINYARD
NEW MEXICO
8261
REGISTERED PROFESSIONAL ENGINEER

Martin D. Vinyard, P.E.
Vice President

Copies: Addressee (2)

Attached: Daily Report #1

va

Job No. 450940

Project: Worman Office/Warehouse
Montgomery & Eubank

Report No.: 1

Date: 08/12/86

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS

Visual Inspection performed at owners request at over-excavation of moisture barrier. Depth at correct elevation was 8' - 6' from bottom of footings.

Moisture barrier found to be correct at 6' distance from existing building.

Temperature: 90 to 95 degrees