HYDROLOGY H13/D13 1 PLAN

H13/D13

1 PLAN

INFORMATION SHEET

PROJECT TITLE Office / Zearing Ave NW TYPE OF SUBMITTAL Resubmittal D/G

ZONE ATLAS PAGE NO. H-13 D13 CITY ADDRESS 2020 Zearing NW

LEGAL DESCRIPTION Western most 110' of Tract 320a2a1a MRGCD #35

ENGINEERING FIRM Consultants, Inc. CONTACT Chris Weiss

ADDRESS 1100 Alvarado NE-A PHONE 266-3444

OWNER _____ CONTACT _____

ADDRESS _____ PHONE _____

ARCHITECT _____ CONTACT _____

ADDRESS _____ PHONE _____

SURVEYOR _____ CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

PRE-DESIGN MEETING:

X 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
X BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 7-26-84

BY: Chris Weiss

RECEIVED
SEP 07 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

July 20, 1984

Mr. Chris Weiss
CTS, Inc.
1100 A Alvarado NE
Albuquerque, NM 87110

REF: REVISED GRADING AND DRAINAGE PLAN FOR OFFICE & WAREHOUSE SITE 2020 ZEARING AVENUE NW (H13-D13) RECEIVED JULY 10, 1984

Dear Chris:

The above referenced plan, dated July 10, 1984, is approved.

Please attach a copy of this approved plan along with the appropriately approved "Drainage Facilities Within City Right-of-Way" document to the construction set prior to release of the building permit.

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

Sincerely yours,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Admin.

BJG:mrk

cc: Greg Olson

Billy Approved D-80" 5/31/84. 7/25

THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

FROM: C.T.S. INC.
1100 Alvarado N.E.
Albquerque, New Mexico 87110
266-3444

Memo

TO CITY OF ALBUQUERQUE
ENGINEERING DEPARTMENT
HYDROLOGY SECTION

DATE July 25, 1984

SUBJECT: H-12, Office & Warehouse
Zearing Ave. N.W.

1) Blueline Copy of Plan
2) Copy of letter addressed to Billy Goolsby dated July 10, 1984.
3) Blueline Copy of Resubmittal dated 7-24-84

2nd Flour
123 Central
Hydrology

SUBMITTED: _____ RE-SUBMITTED: July 25, 1984

RECEIVED BY: _____ RECEIVED BY: _____

MLCC 803-2

July 10, 1984

Billy J. Goolsby, P.E.
City of Albuquerque
Design Hydrology Section
Post Office Box 1293
Albuquerque, New Mexico 87103

Ref: Your letter of June 19 regarding Drainage Plan for McLean Office/Warehouse Site

Dear Mr. Goolsby:

Based on your review, we have made several modifications and additions to the McLean drainage plan. These include the following as per your number comments in the June 19, 1984 letter.

1. New information sheet is attached.
2. New signature and date is on drawing.
3. Pond calculation shown on Note 9c.
4. 100 year water surface is shown on plan.
5. Spillway has been redesigned as an 8' broad crested weir which discharges over a box configuration into a 2' wide covered sidewalk channel.
6. As shown on drawing (NW corner), offsite flows occur from a 0.02 acre unimproved area (insignificant volume). There are no roof flows to the McLean site from the adjacent building.
7. The undeveloped portion of the site will remain gravel covered and will not be disturbed by new construction.
8. Waterproofing certification requirement added to drawing.
9. Finish floor elevation certification requirement added to drawing.
10. "Drainage Facilities Within City R/W" document will be attached to construction drawings.

Please call if we can provide further information.

Yours very truly,

Chris Weiss

CS:lp

RECEIVED
JUL 25 1984
HYDROLOGY SECTION

c) Pond Volume Calculations:

Depth	Area	Avg. Depth	Volume
56.60'	3300	0.27'	904
56.85'	3770	0.47'	1785

d) Channel Calculations: W=2', S=0.01, n=0.02
(conservative to account for turbulent entrance) ⟶
$D_n = 0.33' < 0.5'$

INFORMATION SHEET

PROJECT TITLE OFFICE & WAREHOUSE SITE TYPE OF SUBMITTAL DRAINAGE AND GRADING

ZONE ATLAS PAGE NO. H-13 D3 CITY ADDRESS Zearing Ave. N.W.

LEGAL DESCRIPTION Western most 110' of Tract 340a2ala, M.R.C.C.D. Map 35 Albuquerque, N.M.

ENGINEERING FIRM C.T.S. Inc. CONTACT Chris Weiss

ADDRESS 1100 Alvarado N.E. PHONE 266-3444

OWNER Mr. Chuck McClain CONTACT Chuck

ADDRESS 2000 Zearing Ave. N.W. PHONE

ARCHITECT CONTACT

ADDRESS PHONE

SURVEYOR Ken Wylie, P.E. CONTACT Ken

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
XX BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: July 25, 1984

BY: Christopher Weiss

RECEIVED
JUL 25 1984
HYDROLOGY SECTION

Engineer's stamp and seal appropriate

July 10, 1984

Billy J. Goolsby, P.E.
City of Albuquerque
Design Hydrology Section
Post Office Box 1293
Albuquerque, New Mexico 87103

Ref: Your letter of June 19 regarding Drainage Plan for McLean Office/Warehouse Site

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Please call if we can provide further information.

Yours very truly,

Chris Weiss

CS:lp

RECEIVED
SEP 07 1984
HYDROLOGY SECTION

P.O. Box 142, Sandia Park, New Mexico 87047

July 10, 1984

Billy J. Goolsby, P.E.
City of Albuquerque
Design Hydrology Section
Post Office Box 1293
Albuquerque, New Mexico 87103

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Please call if we can provide further information.

Yours very truly,

Chris Weiss

CS:lp

CONSULTANTS TERRA SOL INC. CIVIL ENGINEERING / RENEWABLE ENERGY DESIGN

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

June 19, 1984

Mr. Chris Weiss
CTS, Inc.
1100 Alvarado NE Suite A
Albuquerque, NM 87110

REF: OFFICE AND WAREHOUSE SITE (WESTERN MOST 110' OF TRACT 340 A2A1A)
H13-D13 5/15/84

Dear Mr. Weiss:

Based on the information provided on your May 15, 1984 submittal of the above referenced report, you will need to address the comments listed below before final approval is granted:

1. Complete information sheet designating resubmittal.
2. Professional's stamp with signature and resubmittal date.
3. Please include all pond calculations with your resubmittal.
4. Please identify the 100 year water sruface elevation outlined and indicated on plan.
5. Spillway overflow must be routed through an approved curb cut, overflow is not allowed to drain across a public sidewalk.
6. Please address any off-site flows if any.
7. What impact will the undeveloped portion of the site have on the proposed development. If the undeveloped portion is disturbed from its natural state, an erosion control plan will be required.
8. Certification of west side of building for water proofing will be required.

9. Certification of finish floor elevation per required elevation will be required.

The approved "Drainage Facilities Within City R/W" document must be attached to the construction sets before Hydrology will sign-off.

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

Sincerely,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Admin.

BJG:BJM:mrk

INFORMATION SHEET

PROJECT TITLE Office & Warehouse Site TYPE OF SUBMITTAL Drainage and Grading

ZONE ATLAS PAGE NO. H-13 Z05 CITY ADDRESS 2020 Zearing N.W.

LEGAL DESCRIPTION Western most 110' of Tract 340a2a1a, M.R.G.C.D. Map 35

ENGINEERING FIRM C.T.S. Inc. Albuquerque, N.M. CONTACT Chris Weiss

ADDRESS 1100 Alvarado N.E. PHONE 266-3444

OWNER Charles L. McClain CONTACT Charles

ADDRESS 2000 Zearing N.W. PHONE 247-4848

ARCHITECT _____ CONTACT _____

ADDRESS _____ PHONE _____

SURVEYOR _____ CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

DATE SUBMITTED 5-15-84

By Christopher Weiss
Christopher Weiss

MAY 15 1984
HYDROLOGY SECTION

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. H-13 DATE: 3/23/84

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: McClain Co. Warehouse

WHO	REPRESENTING
ATTENDANCE: Chuck McClain	
Ken Wylie	
Ed McRoy	
Billy Goolsby	

RECEIVED
MAY 15 1984
HYDROLOGY SECTION

FINDINGS: ① Drainage Plan per DPM required
② Site Locate adjacent to Flood Hazard area. Min Finish Floor elevation to be 1 ft above BFE of 4956. Ponding required unless it can be demonstrated that downstream capacity exist, ie, storm sewer in Zearing Avenue may be tied into directly.
③ "Construction Within Public R/W" document required if tie into storm sewer or for a sidewalk culvert.

* 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 J. Goolsby SIGNED: C. L. McClain Jr.

TITLE: CE/Hydrology TITLE: Owner

DATE: 3/23/84 DATE: 3/23/84

(1) Flood Hazard Dist.
1' Floor. AE 81

100 yr. Volum.

A100 of Rules

H-13-Z

THE McCLAIN CO. INC.
2000 Zearing N.W.
P. O. Box 7508
ALBUQUERQUE, NEW MEXICO 87194

(505) 247-4848

Memo
LETTER

Date February 19, 1984

To City of Albuquerque
Hydrology Department
2nd & Central
Albuquerque, New Mexico

Subject New Warehouse
2020 Zearing NW
Albuquerque, NM. 87114

This letter is to inform that it is our intention within 30 days of occupancy at 2020 Zearing NW to correct the problem with the gravel, curb and S.O. #19. In the interim we would appreciate a temporary certificate of occupancy .

Thank you for your help with this matter.

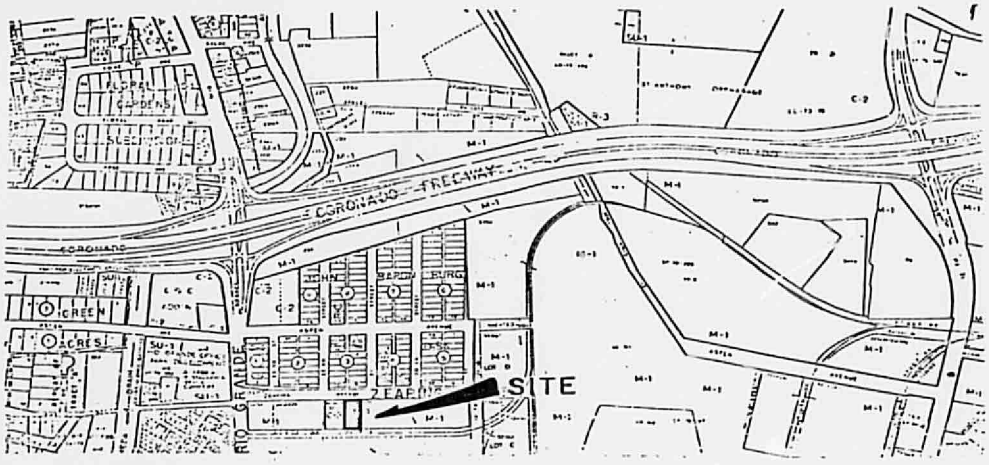
File No. H13-D13

☐ Please reply ☐ No reply necessary

SIGNED Barry Leesman

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



VICINITY MAP H-13

LEGAL: Western most 110' of Tract 340a2a1a, MRGCD Map #35 Albuquerque, New Mexico

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with Public Works Contract No. 84-1.
3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to Residential street use.

D-80

APPROVALS	NAME	DATE
A.C.E./DESIGN	RLOlson	5/31/84
INSPECTOR		
A.C.E./FIELD		

TITLE: Office & Warehouse Site
2020 Zearing, Near Rio Grande NW.
Albuquerque, N.MM

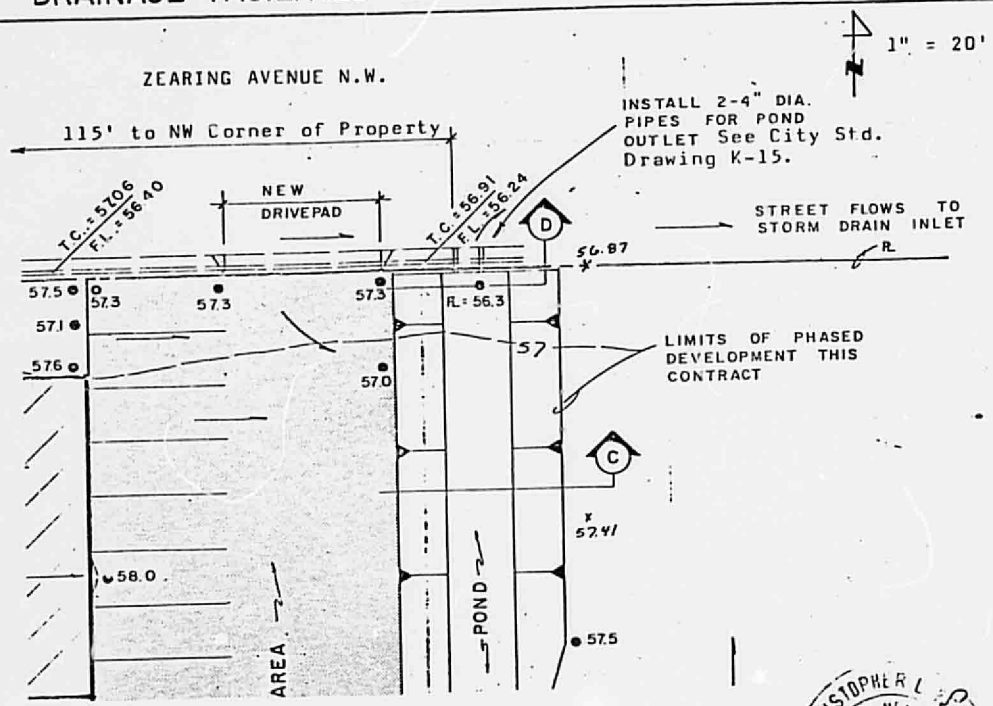
PERMIT NO.

SHEET 1 OF 2

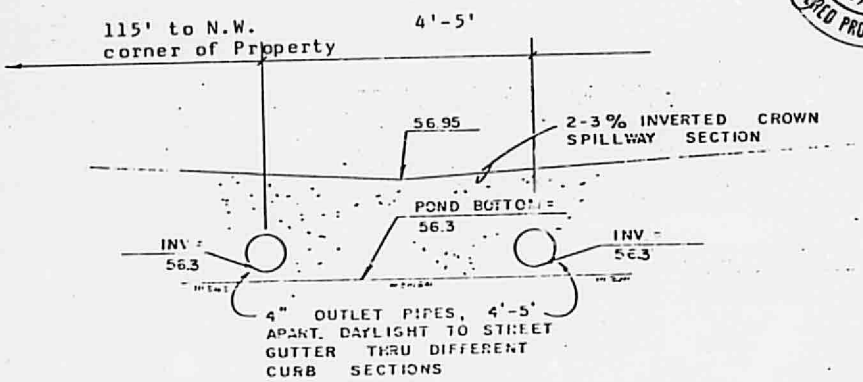
MAP NO. H-13

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



PLAN



SECTION D

B.M.: RM 37 at Rio Grande and Lilac N.W.
Elevation = 4959.70

LEGAL: Western most 110' of Tract 340a2a1a, M.R.G.C.D. Map 35, Albuquerque, New Mexico.

D-80

APPROVALS	NAME	DATE
A.C.E./DESIGN		5/31/84
INSPECTOR		
A.C.E./FIELD		

TITLE: Office & Warehouse Site
2020 Zearing, Near Rio Grande N.W.
Albuquerque, N.M.

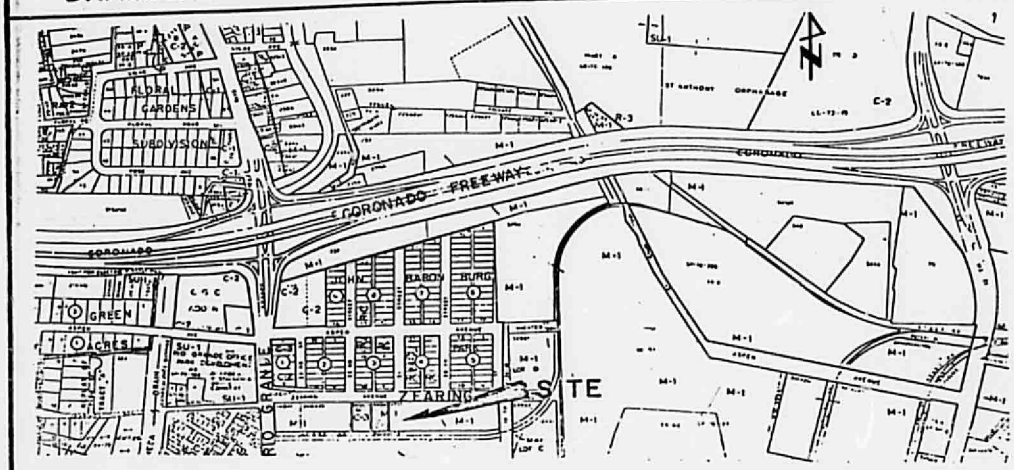
PERMIT NO.

SHEET 2 OF 2

MAP NO. H-13

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



VICINITY MAP H-13

LEGAL: Western most 110' of Tract 340a2ala, MRGCD Map #35 Albuquerque, New Mexico

H13-913

SY 01/26/84

REV. 9-26-84 DEC

CHRISTOPHER L. HESS NEW MEXICO 6853 REGISTERED PROFESSIONAL ENGINEER

NOTICE TO CONTRACTOR

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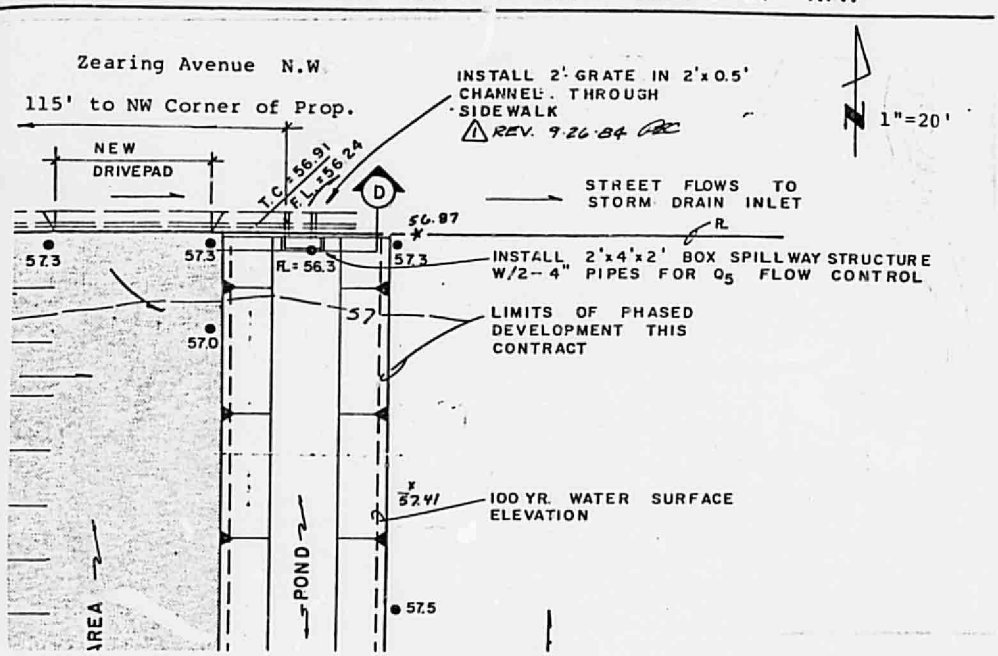
5. Backfill compaction shall be according to Residential street use.

D-80

APPROVALS	NAME	DATE	TITLE: Office & Warehouse Site 2020 Zearing, N.W. Albuquerque, New Mexico	
A.C.E./DESIGN		01/26/82		
INSPECTOR		3/11/85	PERMIT NO.	MAP NO. H-13
A.C.E./FIELD	W.J. McNamara	3/11/85	SHEET 1 OF 2	

CITY OF ALBUQUERQUE

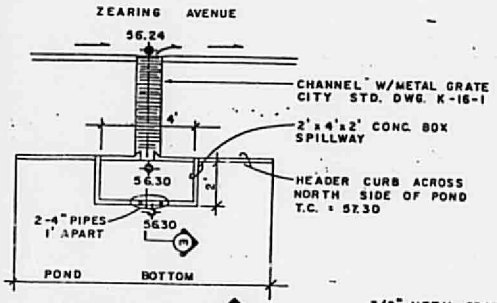
DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



PLAN

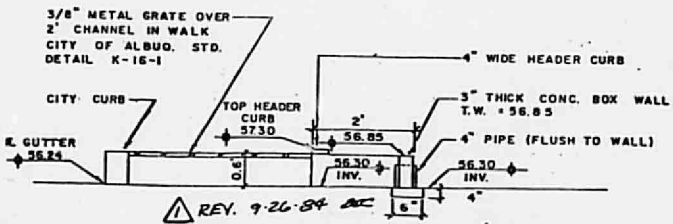
B.M. RM 37 at Rio Grande & Lilac N.W.
Elevation = 4959.70

LEGAL: Western 110' of Tract
340a2a1a, MRGCD Map 35
Albuquerque, New Mexico



SECTION D

REV. 9-26-84



REV. 9-26-84

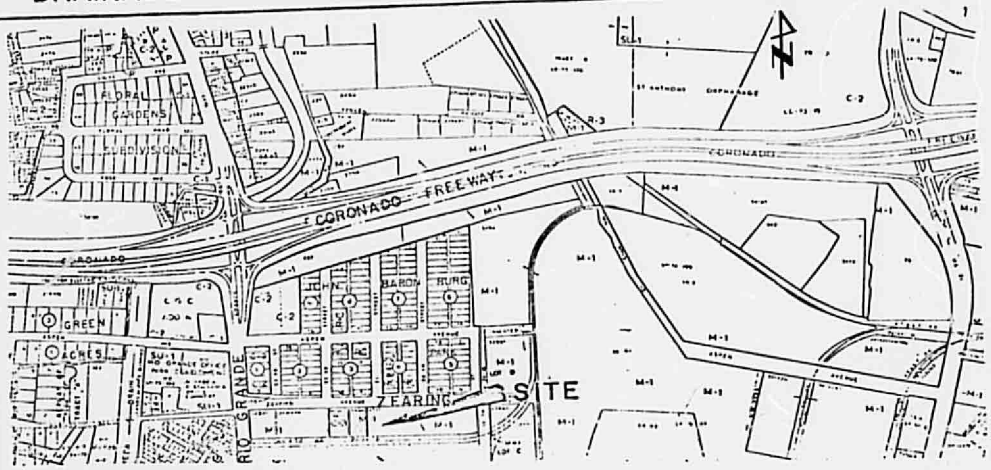
8/09/84 SECTION E

D-80

APPROVALS	NAME	DATE	TITLE: Office & Warehouse Site 2020 Zearing N.W. Albuquerque, New Mexico	
A.C.E./DESIGN		04/06/84		
INSPECTOR		3/11/85	PERMIT NO.	MAP NO. H-13
A.C.E./FIELD	W. J. McNamara	3/11/85	SHEET 2 OF 2	

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



VICINITY MAP H-13

LEGAL: Western most 110' of Tract
340a2a1a, MRGCD Map #35
Albuquerque, New Mexico

SH. 011-6/84

REV. 9-26-84 cc

Permit #16610

CHRISTOPHER L. [illegible]
NEW MEXICO
9-25-84
REGISTERED PROFESSIONAL ENGINEER

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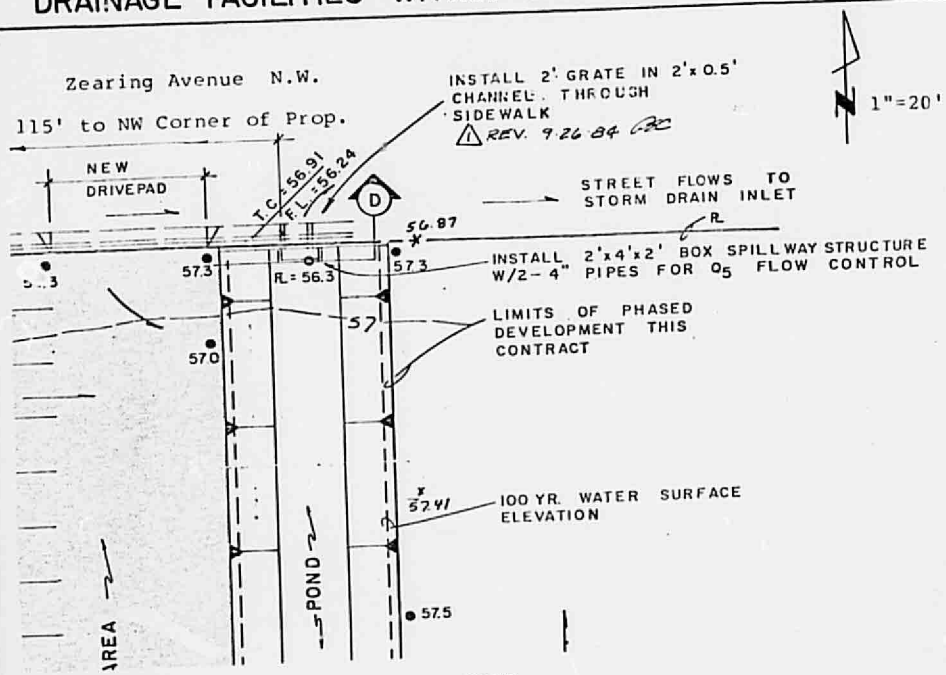
D-80

APPROVALS	NAME	DATE	TITLE: Office & Warehouse Site 2020 Zearing, N.W. Albuquerque, New Mexico	
A.C.E./DESIGN	[signature]	11/16/82		
INSPECTOR	[signature]	03/10/85	PERMIT NO. 16610	MAP NO. H-13
A.C.E./FIELD	W. J. McNamara	3/19/85	SHEET 1 OF 2	

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



PLAN

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Elevation = 4959.70

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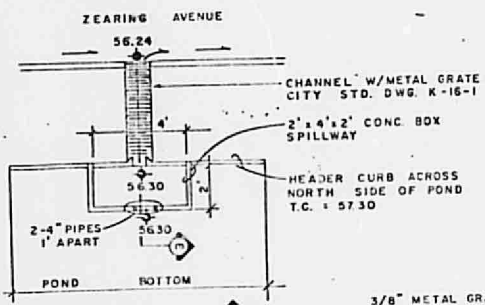
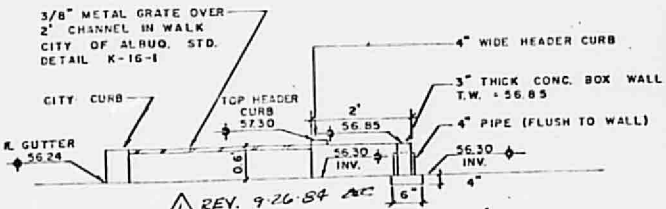


SECTION D

REV. 9-26-84



REV. 9-26-84

SECTION E

D-20

APPROVALS	NAME	DATE
A.C.E./DESIGN		04/26/84
INSPECTOR		3/8/85
A.C.E./FIELD		3/19/85

TITLE: Office & Warehouse Site
2020 Zearing N.W.
Albuquerque, New Mexico

PERMIT NO. 16610

SHEET 2 OF 2

MAP NO.