HYDROLOGY M16/D13B 1 PLAN

M16/D13B

1 Plan

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

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

January 28, 1985

Mr. Mark Goodwin, PE
Molzen-Corbin & Associates
2301 Yale Boulevard SE #D
Albuquerque, NM 87105

REF: DRAINAGE PLAN FOR MOLZEN-CORBIN OFFICE BUILDING (M16-D13B) RECEIVED JANUARY 23, 1985

Dear Mark:

The above referenced plan, dated December 7, 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 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

cc: Greg Olson

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Molzen-Corbin Office Bldg. ZONE ATLAS/DRNG. FILE #: M-16-Z

LEGAL DESCRIPTION: Tract "A" A Replat of Lots 1, 2, & 3 - Airport Business Park

CITY ADDRESS: 2701 Miles Road, S.E.

ENGINEERING FIRM: Molzen-Corbin & Associates CONTACT: Jerry B. Paz

ADDRESS: 2301 Yale Blvd., S.E., #D PHONE: 242-5700

OWNER: A-C Properties CONTACT: Adelmo Archuleta

ADDRESS: 2301 Yale Blvd., S.E., #D PHONE: 242-5700

ARCHITECT: Claudio Antonio Vigil & Associates CONTACT: Claudio Vigil

ADDRESS: 2340 Alamo, S.E., #101 PHONE: 247-1000

SURVEYOR: Bohannan/Huston CONTACT: Dwayne Weaver

ADDRESS: 4125 Carlisle PHONE: 881-2000

CONTRACTOR: Jaynes Corporation CONTACT: Don Sellmeyer

ADDRESS: 2906 Broadway, N.E. PHONE: 345-8591

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____

EPC NO. _____

PROJECT NO. M16-D13B

RECEIVED JAN 23 1985 23 HYDROLOGY SECTION

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

X DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

X 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: 1/25/85

BY: Mark Goodwin, P. E. Mark Goodwin

MOLZEN-CORBIN & Associates
ENGINEERS/PLANNERS/CONSULTANTS

Craddock Commerce Center
2301 Yale Boulevard Southeast
Post Office Box 3632
Albuquerque, New Mexico 87190
Telephone 505/242-5700

January 23, 1985

City of Albuquerque
Hydrology Department
P. O. Box 1293
Albuquerque, New Mexico 87103

RECEIVED
JAN 23 1985
HYDROLOGY SECTION

Attention: Billy Goolsby, P.E.

RE: Drainage & Grading Plan, Molzen-Corbin
Office Building, City File M-16, D-13B

Dear Billy:

In response to our phone conversation, I have amended the referenced plan so as to discharge Pond "A". The outflow rate has been limited to 0.45 CFS as per the Bohannon-Huston Masterplan. Details for this outlet have been included on the drawing and we have submitted the required S.O.19 to the City Engineer's office for approval. You will also note minor modifications to the site internally due to changes made by the Architect. They do not change the overall concept.

I appreciate your actions concerning this plan and if I can be of further assistance to you, please feel free to call.

Sincerely,

MOLZEN-CORBIN & ASSOCIATES

Mark Goodwin

Mark Goodwin, P.E.

MG/lla

MOLZEN-CORBIN & Associates
ENGINEERS/PLANNERS/CONSULTANTS

Craddock Commerce Center
2301 Yale Boulevard Southeast
Post Office Box 3632
Albuquerque, New Mexico 87190
Telephone 505/242-5700

December 6, 1984

City of Albuquerque
Hydrology Division
P. O. Box 1293
Albuquerque, New Mexico 87190

Attention: Billy Goolsby, P.E.

RE: Drainage and Grading Plan,
Molzen-Corbin & Associates
Office Building.
Zone Atlas M-16

Dear Billy:

Attached you will find the Information Sheet and plan for the above referenced project. The proposed site lies within the Airport Business Park, Masterplanned by Bohannon Huston, July 1984, City File #M-16-D13. This report called for controlled discharge from all sites to alleviate the load on an existing 27" RCP storm sewer which collects the runoff from this development as well as Runway 17/35, Albuquerque International Airport. Capacity analysis shows the capacity of this line to be 36.4 CFS. The masterplan states that the peak discharge from the business park will ultimately be 29.8 CFS. This indicates an excess capacity of 6.6 CFS under gravity flow conditions. Therefore, we petition the City to allow us to discharge 3.0 CFS directly to this 27" storm sewer and our grading plan reflects this concept. Our rational is as follows:

Molzen-Corbin & Associates is currently working on the design of total reconstruction of Runway 17/35 at the International Airport to include major drainage renovations. One drainage renovation will be to direct all airport drainage toward a proposed storm sewer that will follow a drainage easement 1600' south of the existing 27" storm sewer. The 27" storm sewer will no longer carry any airport generated flows and will be abandoned. Construction is scheduled to begin September, 1985. This means that the Molzen-Corbin Office Building Site and the site immediately to the north would be the first sites to discharge to this line. Since the topography indicates that both lots are able to reach this line we propose to split the excess capacity. The remainder of the lots within the Business Park could probably increase their discharge rates based on the excess capacity and Time of Concentration differences, however, we will leave that to them. The 3 CFS we propose to discharge is still a controlled discharge, but we feel it is more reasonable in light of the previous discussion.

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DEC 7 1984
HYDROLOGY SECTION

From the Grading Plan it can be seen that we propose to discharge directly to the 27" RCP which was under a proposed landscaping area. The detail for this connection is shown on the drawing.

I hope you concur in the analysis for this project. We feel that this is a sound argument and is an equitable solution. If I can be of any assistance to you in this matter, please feel free to call me.

Sincerely,

MOLZEN-CORBIN & ASSOCIATES

Mark Goodwin

Mark Goodwin, P.E.

MG/lla
Attachment

INFORMATION SHEET

PROJECT TITLE Molzen-Corbin Office Bldg. TYPE OF SUBMITTAL Drainage-Grading Plan

ZONE ATLAS PAGE NO. M-16-Z / D13D CITY ADDRESS 2701 Miles Road, S.E.

LEGAL DESCRIPTION Tract "A" A Replat of Lots 1, 2, & 3 - Airport Business Park

ENGINEERING FIRM Molzen-Corbin & Assoc. CONTACT Jerry B. Paz

ADDRESS 2301 Yale Blvd., S.E. PHONE 242-5700

OWNER A-C Properties CONTACT Adelmo Archuleta

ADDRESS 2301 Yale Blvd., S.E. PHONE 242-5700

ARCHITECT Claudio Antonio Vigil & Assoc. CONTACT Claudio Vigil

ADDRESS 2340 Alamo, S.E. #101 PHONE 247-1000

SURVEYOR Bohannan-Huston CONTACT Dwayne Weaver

ADDRESS 4125 Carlisle PHONE 881-2000

CONTRACTOR Jaynes Corporation CONTACT Don Sellmeyer

ADDRESS 2906 Broadway, N.E. PHONE 345-8591

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: 12-5-84

BY: Mark Goodwin, P.E. Mark Goodwin

RECEIVED
DEC 7 1984
HYDROLOGY SECTION

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

PRE-DESIGN CONFERENCE RECAP

HYDROLOGY SECTION PROJECT NO.: M-16 DATE: 11/21/84

PLANNING DIVISION NOS. EPC: _____ DRB: _____

SUBJECT: Molzen-Corbin Office Complex

LEGAL DESCRIP.: Lots 1 & 3 of Airport Business Park

APPROVAL REQUESTED

_____ PRELIMINARY PLAT _____ FINAL PLAT

_____ SITE DEVELOPMENT PLAN X BUILDING PERMIT

_____ ROUGH GRADING

	WHO:	REPRESENTING:
ATTENDANCE:	Jerry Paz	Molzen-Corbin
	Billy Goolsby	City

_____ 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: Platting required to remove lot lines & easements

Drainage to be in compliance with approved Master Plan for the area.

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.

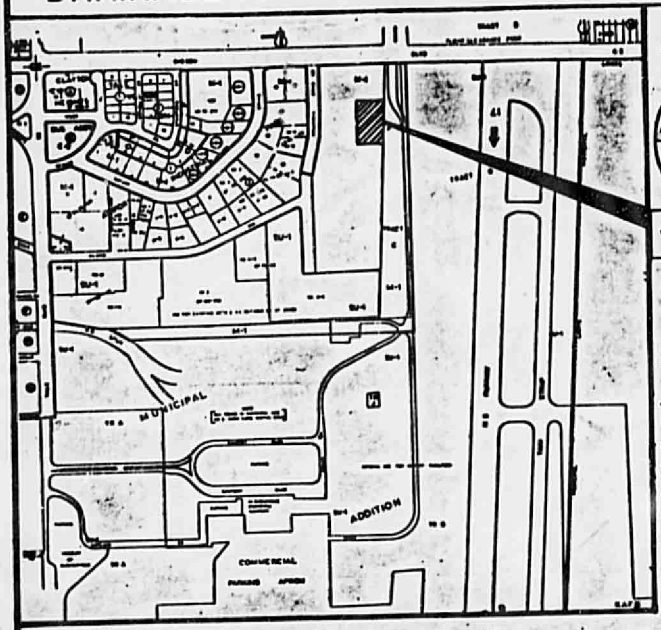
SIGNED:	Billy A. Goolsby	SIGNED:	Jerry B. Paz
TITLE:	CE/Hydrology	TITLE:	Molzen-Corbin
DATE:	11/21/84	DATE:	11/21/84

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

CITY OF ALBUQUERQUE

Jacob

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



N

PROJECT SITE

LEGAL DESCRIPTION

TRACT "A", A REPLAT OF LOTS 1,2 & 3, AIRPORT BUSINESS PARK, AREA = 1.6352 AC.

ACS BENCHMARK

11-L16, LOCATED AT THE INTERSECTION OF VAIL AVE. S.E. AND GIRARD BLVD. S.E. A SQUARE "D" CHISLED IN THE TOP OF CONCRETE CURB AT THE SSW RETURN. ELEVATION = 5270.78

VICINITY MAP

SCALE 1" = 1000' (APPROX)
ZONE ATLAS M-16-Z

DESCRIPTION OF WORK

AS SHOWN ON THE FOLLOWING PAGES, THE FOLLOWING PRIVATE STORM DRAINAGE FACILITIES ARE BEING CONSTRUCTED WITHIN A PUBLIC DRAINAGE EASEMENT: 12" DRAINLINE CONNECTION TO EXISTING 27" STORM SEWER.

DON D. MARK GOODWIN
NEW MEXICO
8948
REGISTERED PROFESSIONAL ENGINEER

Mark Goodwin
12/13/84

M16-D36

NOTICE TO CONTRACTOR

1. An excatation/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 "Contract Documents for Public Works Contract No. 84-2."
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 constructions. 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 ARTERIAL street use.
6. The Contractor must submit a traffic control plan and receive a barricading permit prior to construction within City right-of-way. All construction work within City right-of-way shall be confined to the hours between 9:00 a.m. to 4:00 p.m.

E-1

APPROVALS	NAME	DATE
A.C.E. DESIGN		01/07/85
INSPECTOR		
A.C.E. FIELD		

TITLE MOLZEN-CORBIN OFFICE BLDG. PRIVATE DRAIN LINE 2701 MILES ROAD S.E.

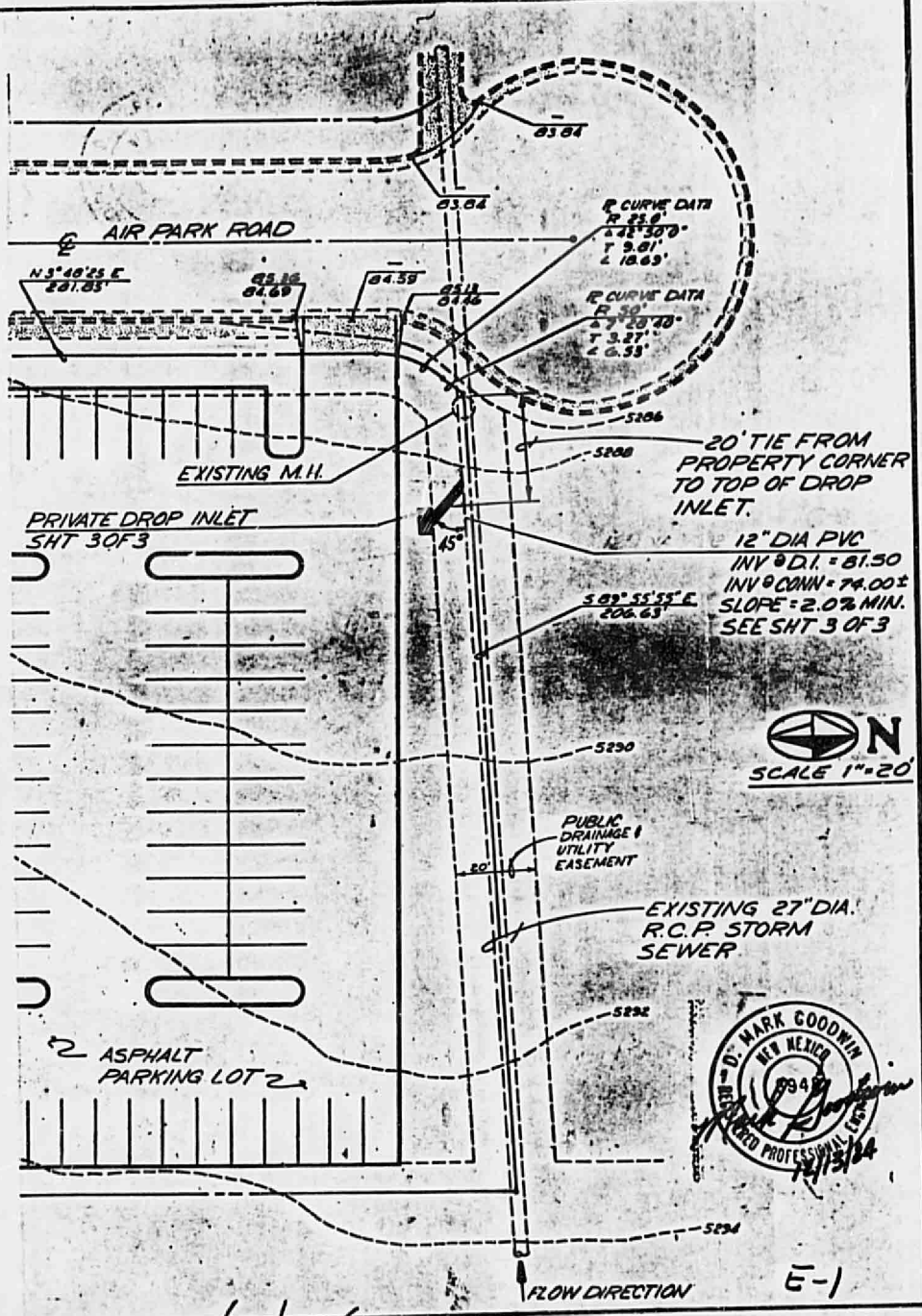
PERMIT NO.

SHEET 1 OF 3

MAP NO. M-16-Z

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

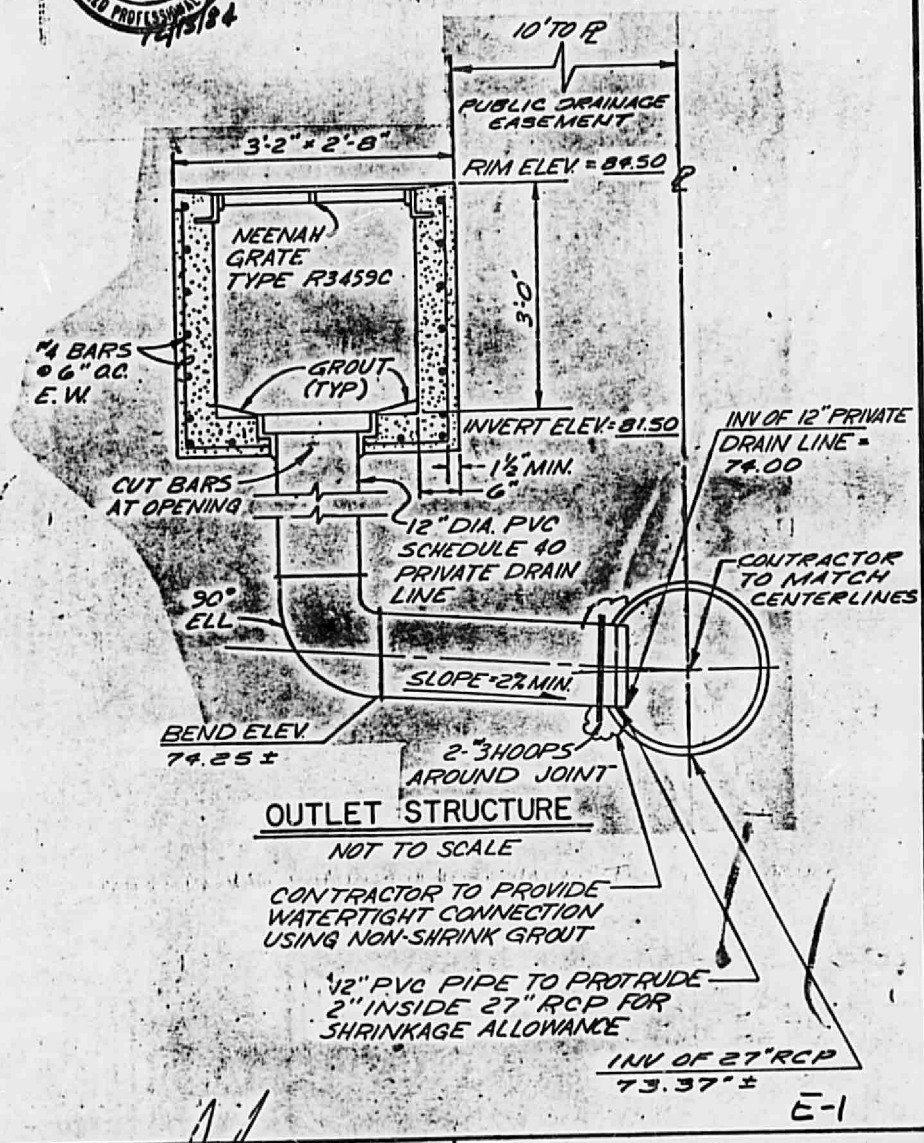


APPROVALS	NAME	DATE	TITLE MOLZEN-CORBIN OFFICE BLDG PRIVATE DRAIN LINE 2701 MILES ROAD, S.E.	
A.C.E. DESIGN		01/07/85		
INSPECTOR			PERMIT NO.	MAP NO. M-16-2
A.C.E. FIELD			SHEET 2 OF 3	

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

D. MARK GOODWIN
NEW MEXICO
8948
REGISTERED PROFESSIONAL ENGINEER
12/13/84

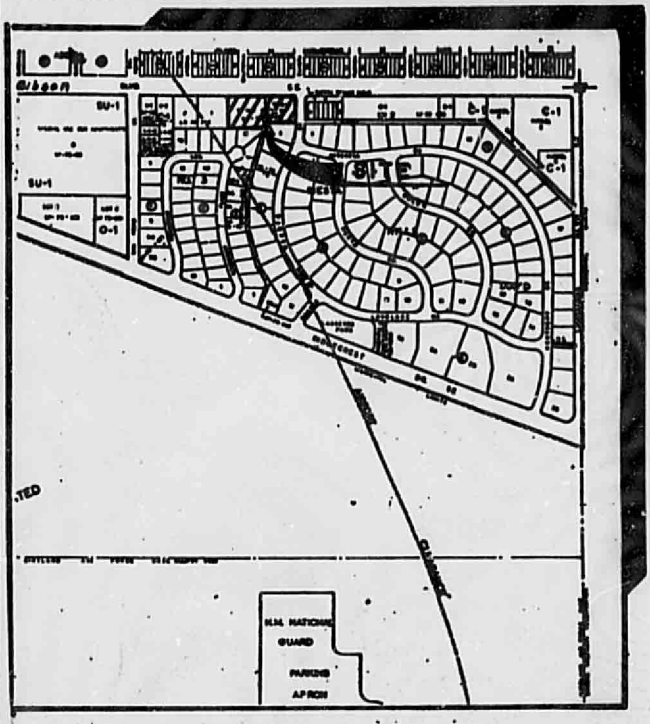


E-1

APPROVALS	NAME	DATE	TITLE MOLZEN-CORBIN OFFICE BLDG. PRIVATE DRAIN LINE 2701 MILES ROAD, S.E.	
A.C.E. DESIGN		01/07/84.		
INSPECTOR			PERMIT NO. SHEET 3 OF 3	MAP NO. M-16-Z
A.C.E. FIELD				

CITY OF ALBUQUERQUE Ron (Final)

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY Complete



SCALE: 1"=800'

LEGAL: Tracts C-1 & H-1 of Siesta Hills Subdivision

BENCH MARK: Top of Sewer M.H. Rim M18-101, near intersection of Ridgecrest & San Pedro, Elevation = 5324.07

VICINITY MAP M-18

JOHN CHRISTOPHER L. BRISS NEW MEXICO 6603 REGISTERED PROFESSIONAL ENGINEER

M18-D10

NOTICE TO CONTRACTOR

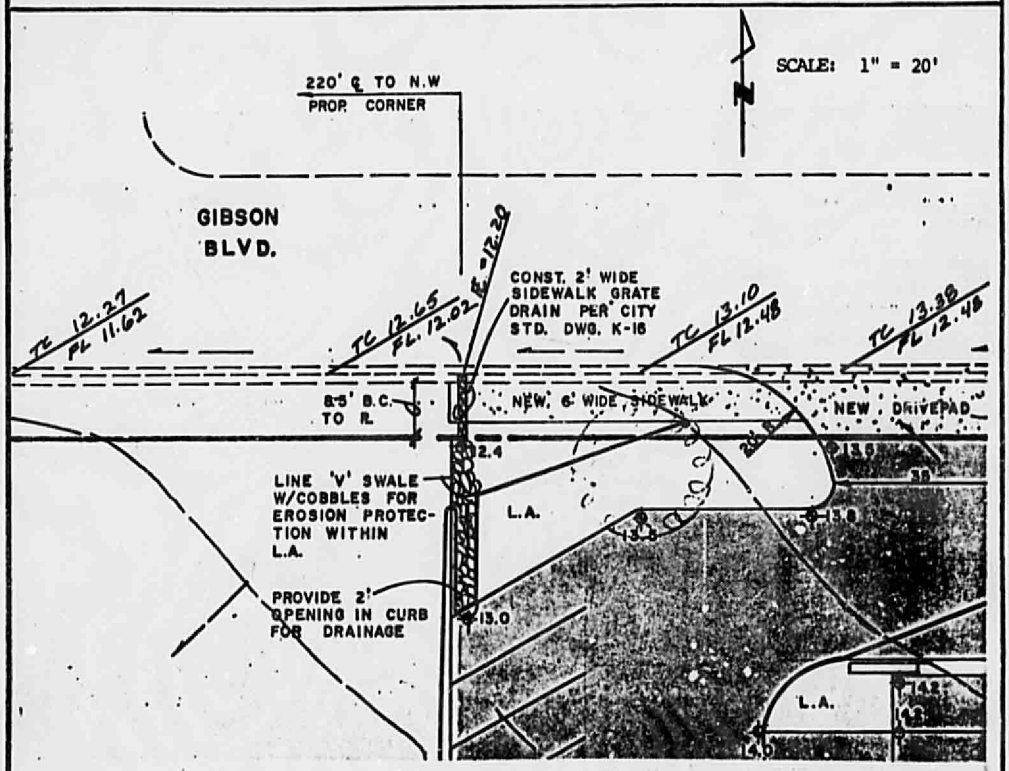
1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with Albuquerque Interim Standard Specifications for Public Works Construction
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 Commercial/Arterial street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served

F-49

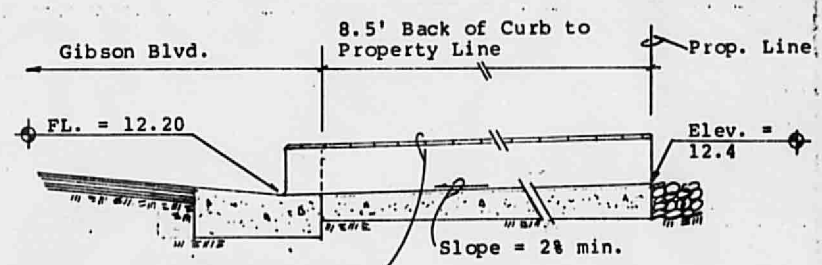
APPROVALS	NAME	DATE	TITLE: Wendy's Restaurant 6018 Gibson S.E Albuq., N.M.
A.C.E./DESIGN	Philip Fiedler	6/17/86	
INSPECTOR			PERMIT NO. / SHEET 1 OF 2 / MAP NO. M-18
A.C.E./FIELD			

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



PLAN



PROFILE
Horiz. Scale 1"=2'
Vert. Scale exagerated for clarity

CHRISTOPHER L. WEISS
NEW MEXICO
6-17-86
REGISTERED PROFESSIONAL ENGINEER

F-49

APPROVALS	NAME	DATE	TITLE: Wendy's Restaurant 6018 Gibson S.E. Albq. N.M.	
A.C.E./DESIGN	Philip Fisch	6/17/86		
INSPECTOR			PERMIT NO.	MAP
A.C.E./FIELD			SHEET 2 OF 2	NO. M-18