

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

PRE-DESIGN CONFERENCE RECAP

HYDROLOGY SECTION PROJECT NO.: J 19 DATE: 6-18-85

PLANNING DIVISION NOS. EPC: _____ DRB: _____

SUBJECT: A office center

LEGAL DESCRIP.: LOT 23 Aircraft office bldg

APPROVAL REQUESTED

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

WHO:

REPRESENTING:

ATTENDANCE: Tom Mann

____ 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: ① Drainage Plan Per DPM ② Free
Discharge - Storm Drain downstream of site ③
No flooding downstream ④ well site ⑤ bottom
of watershed

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: Paul Monty

SIGNED: Tom Mann

TITLE: _____

TITLE: _____

DATE: 6-18-85

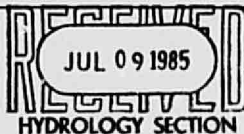
DATE: 6/18/85

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

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ashcraft Office ZONE ATLAS/DRAIN. FILE #: J-19/D32
 LEGAL DESCRIPTION: Lot 23 Ashcraft Office Center
 CITY ADDRESS: 1202 Pennsylvania NE Mountain Road.
 ENGINEERING FIRM: Tom Mann & Assoc. CONTACT: Tom Mann
 ADDRESS: Bill Dallas NE PHONE: 265-5611
 OWNER: Ashcraft Office Center CONTACT: Dan Ashcraft
 ADDRESS: 1202 Pennsylvania NE PHONE: 265-5611
 ARCHITECT: Fanning Band CONTACT: Bill Fanning
 ADDRESS: 110 Amburst SE PHONE: 266-5874
 SURVEYOR: Southwest Surveying CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CONTRACTOR: Ashcraft CONTACT: _____
 ADDRESS: _____ PHONE: _____

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:

☐ SKETCH PLAT APPROVAL☐ PRELIMINARY PLAT APPROVAL☐ SITE DEVELOPMENT PLAN APPROVAL☐ 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: 7/9/85BY: Tom Mann



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE NEW MEXICO 87103

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

July 12, 1985

Tom Mann
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE/GRADING PLAN FOR ASHCRAFT OFFICE DEVELOPMENT
(J-19/D32) RECEIVED JULY 9, 1985

Dear Mr. Mann:

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. Location and/or direction of flow for roof drains
2. Erosion control plan

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

Cordially,

Billy J. Aguirre
for Fred J. Aguirre, P.E.
Design Hydrologist

FJA/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

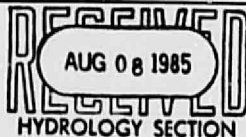
DRAINAGE INFORMATION SHEET

5000

Submitted #2

PROJECT TITLE: Ashcraft Office ZONE ATLAS/DWG. FILE #: J-19
LEGAL DESCRIPTION: Lot 23 Ashcraft Office Center
CITY ADDRESS: ~~1202~~ Pennsylvania NE & Mountain Road.
ENGINEERING FIRM: Tom Mann & Assoc CONTACT: Tom Mann
ADDRESS: Bill Dallas NE PHONE: 265-5611
OWNER: Ashcraft Office Center CONTACT: Dan Ashcraft
ADDRESS: 1202 Pennsylvania NE PHONE: 265-5611
ARCHITECT: Fanning Band CONTACT: Bill Fanning
ADDRESS: 110 Amburst SE PHONE: 246-5874
SURVEYOR: Southwest Surveying CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: Ashcraft CONTACT: _____
ADDRESS: _____ PHONE: _____

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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DATE SUBMITTED

08/08/85

BY:

Tom Mann

1. Responding to 7/12/85
letter by Goolsby.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

August 27, 1985

Mr. Tom Mann
Tom Mann & Associates
811 Dallas NE
Albuquerque, NM 87110

REF: GRADING AND DRAINAGE PLAN FOR ASHCRAFT OFFICE DEVELOPMENT (J19-D32)
ENGINEER'S STAMP DATED 7/30/85

Dear Mr. Mann:

Based on the information provided on your August 8, 1985 submittal, the above referenced drainage plan is approved.

Please attach a copy of this approved plan along with the appropriately approved "Drainage Facilities Within City R/W" document to the construction sets before Hydrology will sign off for Building Permit.

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

Sincerely,

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

CAM:BJM:mrk

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7467

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DRAINAGE INFORMATION SHEET

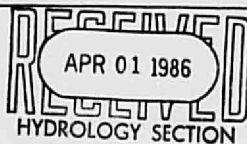
90083

PROJECT TITLE: ASHCRAFT OFFICES ZONE ATLAS/DRNG. FILE #: J19/D32
 LEGAL DESCRIPTION: LOT 23, ASHCRAFT CENTER
 CITY ADDRESS: 1120 9/128 PENNSYLVANIA NE
 ENGINEERING FIRM: TOM KMAN & ASSOCIATES CONTACT: J. G. MORTENSEN
 ADDRESS: 811 DALLAS NE PHONE: 245-5611
 OWNER: ASHCRAFT DEVELOPMENT CONTACT: DAN ASHCRAFT
 ADDRESS: 1202 PENNSYLVANIA NE PHONE: _____
 ARCHITECT: FANNING-BARD CONTACT: BILL FANNING
 ADDRESS: _____ P. ONE: _____
 SURVEYOR: SOUTHWEST SURVEYING CONTACT: FRANK WILSON
 ADDRESS: _____ PHONE: _____
 CONTRACTOR: GERALD MARTIN CONTACT: BILL DUNCAN
 ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☒ YES
☐ NO

☐ COPY OF CONFERENCE RECAP
 SHEET PROVIDED



DRB NO. _____

EPC NO. _____

PROJ. NO. J19/D32

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION

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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 RESUBMITAL (SPECIFY)
(MINOR REVISIONS)

DATE SUBMITTED: 04-01-86BY: J. G. MORTENSEN

ADDITIONAL CALCULATIONS ATTACHED.

03-25-86

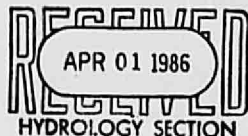
IGM

$$Q = 3.33 \text{ L } H^{3/2}$$

207 $Q = 8.3$ cfs.
 $H = 0.5'$

then $\angle = 7'$

LOT $L = 10'$ (bottom width)



MANNING EQUATION

2'-0" S/W CULVERT

$$Q = \frac{1.49}{n} A R^{2/3} S^{1/2}$$

$$n = 0.015 \quad (\text{concrete})$$

$$A = 2'(0.65) = 1.3 \text{ s/f.}$$

$$R = A/p = 1.3 / (0.45 + 2 + 0.65) = 1.3 / 3.3 = 0.39$$

$$R^{2/3} = 0.54$$

$$s = 0.0050 \quad (\text{incoming slope})$$

$Q = 4.9 \text{ cfs} / 2'-0" \text{ culvert.}$

For design Q of 8.3 cfs
(which is conservative), use
2 - 2'-0" sidewalk culverts

RECEIVED
APR 01 1986
HYDROLOGY SECTION

RECEIVED
APR 01 1986
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

April 7, 1986

Tom Mann, P.E.
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR ASHCRAFT OFFICE DEVELOPMENT
(J-19/D32) STAMP WITH REVISION DATED APRIL 1, 1986

Dear Tom:

Based on the information provided on your April 1, 1986 resubmittal, revisions as indicated are acceptable.

Please be advised that the building permit has already been issued, and it will be the responsibility of either the engineer or architect to provide the contractor with a copy of the revised plan along with a copy of the revised Special Order #19.

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant/Hydrology

BJM/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

ENGINEERING DIVISION

Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

DRAINAGE INFORMATION SHEET

-50084

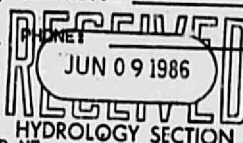
PROJECT TITLE: ASHCRAFT OFFICE DEVELOPMENT ZONE ATLAS/DRNG. FILE #: J-19/D32LEGAL DESCRIPTION: LOT 23, ASHCRAFT CENTERCITY ADDRESS: 1120 PENNSYLVANIA NCENGINEERING FIRM: TOM MANNING ASSOC CONTACT: J. G. MORTENSENADDRESS: 811 DALLAS NC PHONE: 265-5611OWNER: ASHCRAFT CONTACT: TERRY ASHCRAFTADDRESS: _____ PHONE: 265-7728ARCHITECT: FANNING-BARD-LARSEN CONTACT: MARK YARISHADDRESS: _____ PHONE: 883-5200SURVEYOR: SOUTHWEST SURVEYING CONTACT: FRANK WILSON

ADDRESS: _____ PHONE: _____

CONTRACTOR: GERALD MARTIN CONTACT: _____

ADDRESS: _____

PRE-DESIGN MEETING:

☒ YES☐ NO☐ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. _____

EPC NO. _____

PROJ. NO. J19/D32

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT☒ DRAINAGE PLAN☐ CONCEPTUAL GRADING & DRAINAGE PLAN☒ GRADING PLAN☐ EROSION CONTROL PLAN☐ ENGINEER'S CERTIFICATION

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FILE COPY



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

June 17, 1986

Tom Mann, P.E.
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR ASHCRAFT OFFICE DEVELOPMENT
(J-19/D32) RECEIVED JUNE 9, 1986

Dear Mr. Mann:

The above referenced plan, dated June 3, 1986, is approved for inclusion in the building permit set.

Please attach a copy of this plan along with the appropriately approved "Drainage Facilities Within City Right-of-Way/Easement" documents to the construction sets for Hydrology sign-off.

If I can be of further assistance, please advise.

Cordially,

Billy J. Goolsby
Billy J. Goolsby, P.E.
C.E./Hydrology Section

cc: Terry Ashcraft

BJG/bsj

MUNICIPAL DEVELOPMENT DEPARTMENT

C. Dwayne Sheppard, P.E., City Engineer

ENGINEERING DIVISION

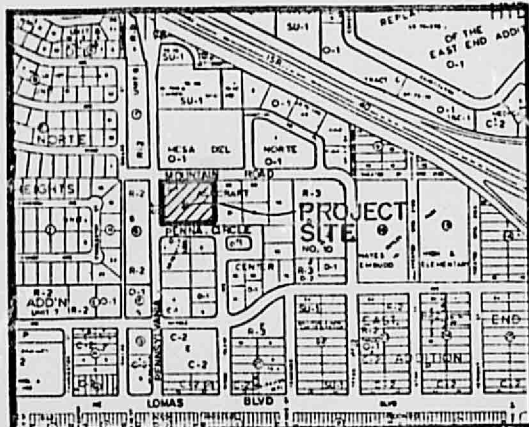
Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

RECEIVED
SEP 13 1986
HYDROLOGY SECTION



VICINITY MAP

J-19

SCALE : 1" = 800'

LEGAL DESCRIPTION

LOT 23, ASHCRAFT CENTER



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 under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Interim Standard Specifications - Public Works Construction - 1985.
3. Two (2) 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 or surveyor so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to ARTERIAL street use.

SPARLING CONSTRUCTION

119-D32

E-91

50001

APPROVALS

NAME

DATE

TITLE

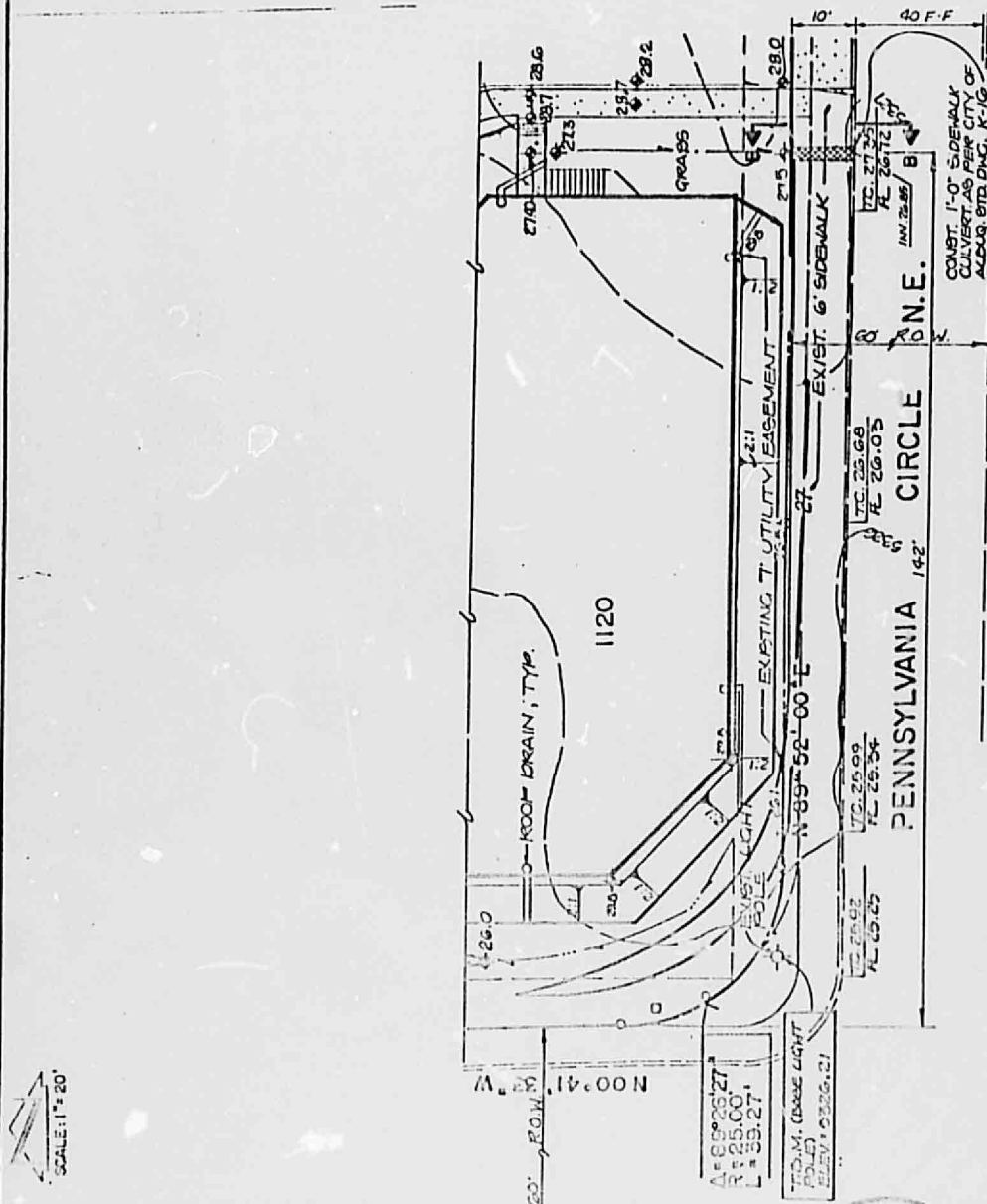
ARCHITECT

ENGINEER

SIDEWALK CULVERT
ASHCRAFT OFFICE DEVELOPMENT
1120 PENNSYLVANIA ST. N.E.

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



PENNSYLVANIA

STREET N.E.

PROJECT BENCHMARK

A CORNER, 1120 STREET, ON TOP OF CONCRETE CURB AT THE N.E. CORNER OF THE MEDIAN WEST SIDE OF INTERSECTION. BENCHMARK "3-119" LOCATED AT THE INTERSECTION OF PENNSYLVANIA STREET & 1120 STREET N.E. ON THE MEDIAN ON CENTER LINE OF 1120 STREET AND EAST SIDE OF INTERSECTION. ELEVATION: 5555.050 (M.S.L.D.)

SPARKING CONSTRUCTION

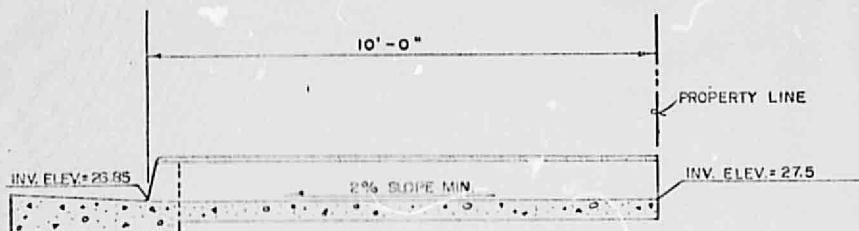
APPROVALS	NAME	DATE	TITLE
DESIGNER			SIDWALK CULVERT
CHECKER			ASHCRAFT OFFICE DEVELOPMENT
PROJECT			1120 PENNSYLVANIA ST. N.E.



E-21

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



SECTION B-B

NTS

NOTE:

FOR CONSTRUCTION DETAILS
SEE CITY OF ALBUQ. STD. DWG.
K-16



SPARLING CONSTRUCTION

APPROVALS	NAME	DATE	TITLE
A.C.E./DESIGN	<i>[Signature]</i>	<i>08/01/85</i>	SIDEWALK, CULVERT
INSPECTOR	<i>[Signature]</i>	<i>08/01/85</i>	AIRCRAFT OFFICE DEVELOPMENT
APPROVED	<i>[Signature]</i>	<i>08/01/85</i>	1120 PENNSYLVANIA ST. N.E.
			PROJECT NO. 31248
			SHEET 3 OF 3
			MAP NO. J-10

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

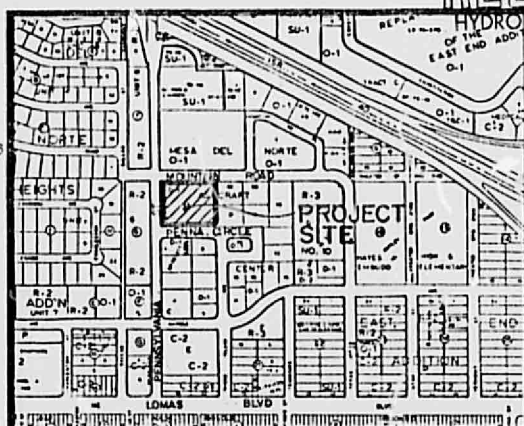
SEP 23 1986

FACILITY # 1:

CONNECTION TO EXISTING
STORM INLET LOCATED
@ EDE CURB RETURN
@ PENNSYLVANIA ST. N.E.
MOUNTAIN ROAD, N.E.

FACILITY # 2:

2'-2'-0" SIDEWALK CULVERTS
LOCATED ON SOUTH SIDE
OF MOUNTAIN ROAD N.E.
142' EAST OF WEST 12



VICINITY MAP

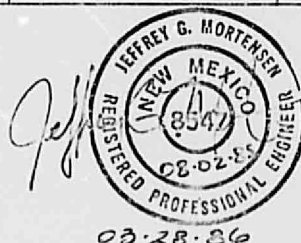
SCALE: 1" = 800'

J-19

NO.	DATE	BY	REVISIONS	APPROVED	DATE
1	3/86	JGM	INCREASE SIDEWALK CULVERT SIZE FROM 1'-1'-0" TO 2'-2'-0"	<i>[Signature]</i>	03/28/86

LEGAL DESCRIPTION

LOT 23, ASHCRAFT CENTER



03-28-86

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 under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the City of Albuquerque Interim Standard Specifications - Public Works Construction - 1985.
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5. Backfill compaction shall be according to ARTERIAL street use.

SPARLING CONSTRUCTION

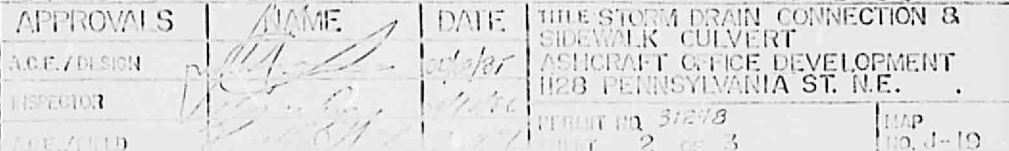
J19-D32

E-70

50001

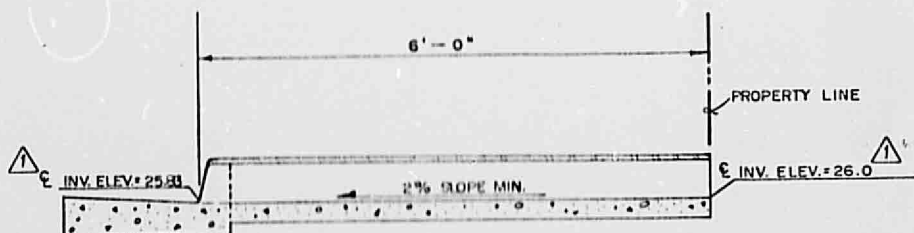
APPROVALS	NAME	DATE	TITLE
AGE/DESIGN	<i>[Signature]</i>	03/01/86	STORM DRAIN CONNECTION & SIDEWALK CULVERT
INSPECTOR	<i>[Signature]</i>	03/01/86	ASHCRAFT OFFICE DEVELOPMENT
PERMIT NO.	31278		123 PENNSYLVANIA ST. N.E.
SHEET	1 OF 2		

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



SECTION A-A

NTS

NOTE:

FOR CONSTRUCTION DETAILS
SEE CITY OF ALBUQ. STD. DWG.
K-16

NO.	DATE	BY	REVISIONS	APPROVED	DATE
1	3/86	JGM	INCREASE SIDEWALK CULVERT SIZE FROM 1'-1'-0" TO 2'-2'-0"	<i>[Signature]</i>	03/25/86

SEARLING CONSTRUCTION

APPROVALS	NAME	DATE	TITLE: STORM DRAIN CONNECTION & SIDEWALK CULVERT
AGE/DESIGN	<i>[Signature]</i>	03/25/86	ASHCRAFT OFFICE DEVELOPMENT
ENGINEER	<i>[Signature]</i>	03/25/86	1128 PENNSYLVANIA ST. N.E.
APP. FIELD	<i>[Signature]</i>	03/25/86	DEPT. NO. 31243
			PLP NO. 3-10

