HYDROLOGY E17/D1h ONE PLAN

E 17/D 34 A

1 Plan

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

June 24, 1986

Frank Lovelady
Lovelady & Associates
7408 Morrow Road, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR ADDITION TO SOUTHWEST COLOR SEPARATIONS
(E-17/D34A) ENGINEER'S STAMP DATED JUNE 18, 1986

Dear Frank:

Based on the information provided on your June 20, 1986 submittal, the above referenced drainage plan is approved for Building Permit.

Please attach a copy of this approved drainage plan along with the appropriately approved copy of the "Drainage Facilities within City Right-of-Way" document to the construction sets before Hydrology sign-off.

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

BJM/bsj

2:00 p.m. Carlos

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

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: E-17 DATE: 6/4/86

PLANNING DIVISION NOS: EPC: _____ DRB: _____

SUBJECT: Photo Inc. Building Expansion

STREET ADDRESS (IF KNOWN): 3812 Academy Parkway North

SUBDIVISION NAME: Lot 2B BLK B Inter State Ind Park

APPROVAL REQUESTED:

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

	WHO	REPRESENTING
ATTENDANCE:	Frank Lovelady	
	Carlos Montoya	

FINDINGS:

(1) Drainage plan per DPM

(2) If runoff goes across lot line need covenant

(3) Free discharge - engineer must address

(A) runoff enters north diversion channel

(B) infill site

(C) Not in a flood zone

(D) Does or not contribute to a flood zone

(E) Minimum impact - Addition to existing building

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:	Frank Lovelady
TITLE:		TITLE:	
DATE:	6-4-86	DATE:	6-4-86

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

2:00 p.m. Carlos

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

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SIGNED: Carlos A Montoya	SIGNED: Frank Lovelady
TITLE:	TITLE:
DATE: 6-4-86	DATE: 6-4-86

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

GRADING AND DRAINAGE PLAN

AND

SUPPLEMENTAL INFORMATION

FOR

BUILDING ADDITION

FOR

SOUTHWEST COLOR SEPARATIONS

3812 ACADEMY PARKWAY NORTH

ZONE ATLAS NO. E-17 1034 A

RECEIVED
JUN 20 1986
HYDROLOGY SECTION

Prepared by

Lovelady & Associates

June 18, 1986

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Building Addition For SW Color Separation ZONE ATLAS/DRAINAGE FILE # E-17/D-

LEGAL DESCRIPTION: Lot 2-b, Block B, Interstate Industrial Tract, Unit I

CITY ADDRESS: 3812 Academy Parkway North

ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 Morrow Road, NE 87110 PHONE: 883-7973

OWNER: Southwest Color Separations CONTACT: Dean Balmer

ADDRESS: 3812 Academy Parkway North PHONE: 345-7714

ARCHITECT: Metron CONTACT: Martha Papadopoulos

ADDRESS: 413 Nontclair Drive N.W. PHONE: 265-8590

SURVEYOR: CONTACT:

ADDRESS: PHONE:

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

PRE-DESIGN MEETING:

X YES

___ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED JUN 20 1986 HYDROLOGY SECTION

DRB NO.

EPC NO.

PROJECT NO.

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

X DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAIN PLAN

___ GRADING PLAN

___ EROSION CONTROL PLAN

___ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

___ SECTOR PLAN APPROVAL

___ 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: June 18, 1986

BY: Frank Lovelady

REV. 10/85

DRAINAGE REPORT AND DRAINAGE PLAN CHECKLIST S.W. Color Separation
(Abbreviated)

I. GENERAL INFORMATION

✓ 1. Information sheet
N/A 2. Planning history
N/A a. P&Z action
N/A b. Relation to approved M.P.
3. Site Description
✓ a. Vicinity map
✓ b. Zone atlas number
✓ c. Legal Description, or
N/A d. Current Plat
4. Bench mark
✓ a. A.C.S. vertical datum
✓ b. T.B.M. on site
✓ 5. Flood hazard map
— 6. Watershed soils
— 7. Soils report
N/A a. Pond<15' from exist. structure
N/A b. Pond<15' from new structure
N/A c. Pond<15' from P.L., less setback
N/A d. Ponds<18" deep 10' from pvm't.
N/A e. Ponds>18" deep 15' from pvm't.
✓ 8. Drainage report or plan

II. PLAN DRAWINGS

1. Professional Certification
✓ a. Engineer's stamp
✓ b. Engineer's signature
✓ c. Date
N/A d. Revision date (when applicable)
2. Drafting standards
✓ a. North arrow
✓ b. scales
✓ 1"=10' 1"=20' < 5 acres
N/A 1"=50' ≥ 5 acres
✓ c. Legend
— d. Drawing size 24"x36"
— e. notes
✓ Property line
✓ Asphalt paving
N/A Sidewalks
✓ Planting areas
N/A Ponding areas
— Other features

III. EXISTING CONDITIONS

A. On-site
1. Existing Contours
✓ a. 1' interval < 1%
— b. 2' interval 1%-5%
— c. 5' interval > 5%
✓ 2. Spot Elevations
3. Contours & spot elevations
CAN'T - HIGH FENCE a. A min of 25' beyond P.L.
4. Existing structures
✓ a. Buildings
✓ b. Retaining & garden walls
— c. Min. 25' beyond P.L.
N/A 5. Identify drainage facilities
N/A a. On-site
✓ b. On adjacent property
N/A 6. Pertinent elev. for 4 & 5 above.
✓ a. Finished floor (MSL)
N/A b. Invert, grate, etc.(MSL)
7. All existing easements
N/A a. Dimensions
N/A b. Purpose
8. Existing curb elevations (MSL)
✓ a. Top of curb
✓ b. Flow line
9. Flow quantities
✓ a. Undeveloped rate
✓ b. Undeveloped volume
✓ c. Developed rate
✓ d. Developed volume
10. Flow characteristics
✓ a. Flow depth
✓ b. Flow velocity
✓ c. Locations of A & B

B. Off-site N/A
1. Delineation of W.S. on...
— a. 1" = 200' orthotopo, or
— b. 1" = 500' Floodway map
2. Off-site flow quantities
— a. 10-year flow rate
— b. 100-year flow rate
3. Off-site flow description
— a. Flow depth
— b. Flow velocity
— c. Locations of a. & b.
— 4. Other conditions
— 5. Existing Easements & R.O.W.

IV. PROPOSED CONDITIONS

A. On- Site
✓ 1. Define Req'd. Drain. Fac.
N/A a. Pond Vol. Calculations
✓ b. Pond positive discharge
✓ c. Pond emergency spillway
N/A d. Pond fencing (> 18"deep)
N/A e. Pond landscaping
N/A f. Pond maintenance
N/A g. Channel depths & Velocities
N/A h. Storm sewer capacities/HGL
N/A i. Other facilities(AMAFCA)
2. Proposed Contours
✓ a. 1' interval < 1%
— b. 2' interval 1%-5%
— c. 5' interval U 5%
— 3. Proposed Esm'ts & R.O.W.
N/A a. Dimensions
N/A b. Purpose
4. Dedicated unpaved R.O.W.
N/A a. Alley grades
N/A b. Street grades
— 5. Drainage Areas Outlined
— 6. Flow lines
✓ a. Sheet flow
N/A b. Concentrated flow
✓ c. Spot elevations
N/A 7. Pond(s) 100-year H.W.L.
✓ 8. Building fin. flr. elev
— 9. Slope limitations
N/A a. < 3' - 2:1 max.
N/A b. > 3' 3:1 max.
10. Elevations at Prop. Lines
✓ a. Above adjacent top of curb
✓ b. Ret. Walls, Grades > 18"
✓ 11. Details of Drainage Fac.
✓ 12. Erosion Control Plan
N/A 13. City Drive Pads
N/A a. Spot elevations
✓ 14. S.O. 19
— 15. R.O.W./Esmt. for above
N/A 16. Nuisance waters
B. Off-site
N/A 1. Off-site drain. fac.
N/A a. Definition
N/A b. Locations
c. Configuration
— 2. Verify Downstream Cond.
— 3. Rights-of-way

2:00 p.m. Carlos

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
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	Carlos Montoya	

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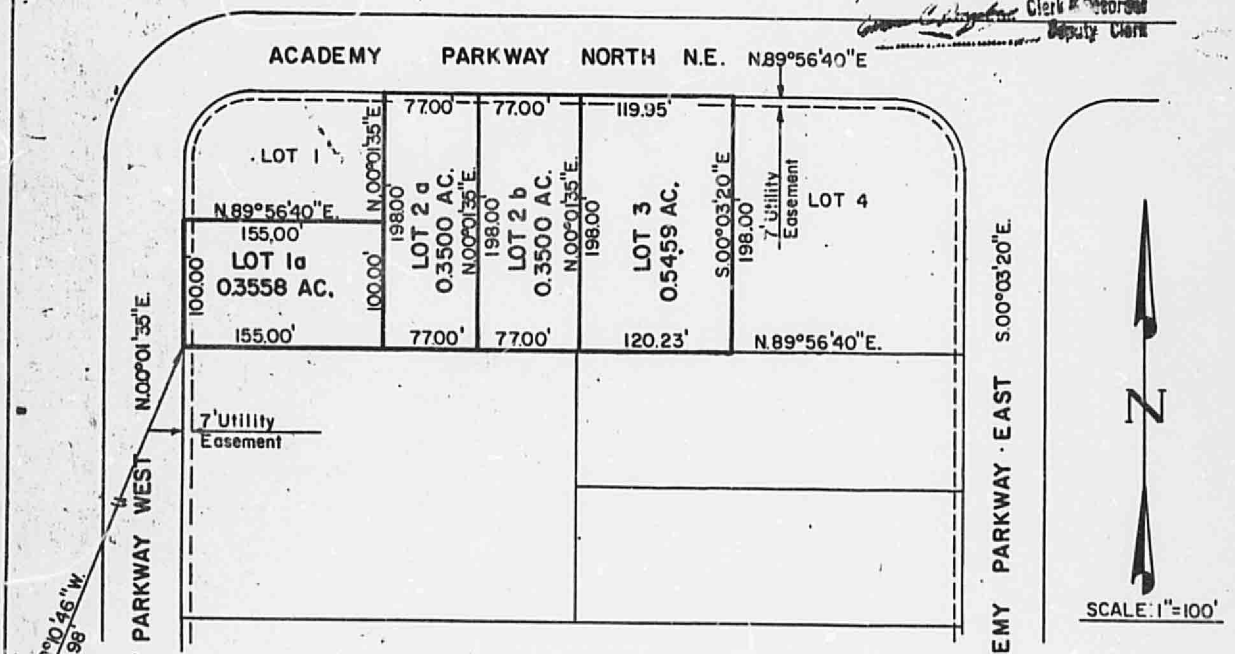
TITLE:	TITLE:
DATE: 6-4-86	DATE: 6-4-86

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

B12-152

77 17765

State of New Mexico | ss
County of Bernalillo |
This instrument was filed for record on
MAR 31 1977
At 2:18 o'clock P.M. Recorded in Vol. B12
of records of said County Folio 152
Clerk & Recorder
Deputy Clerk



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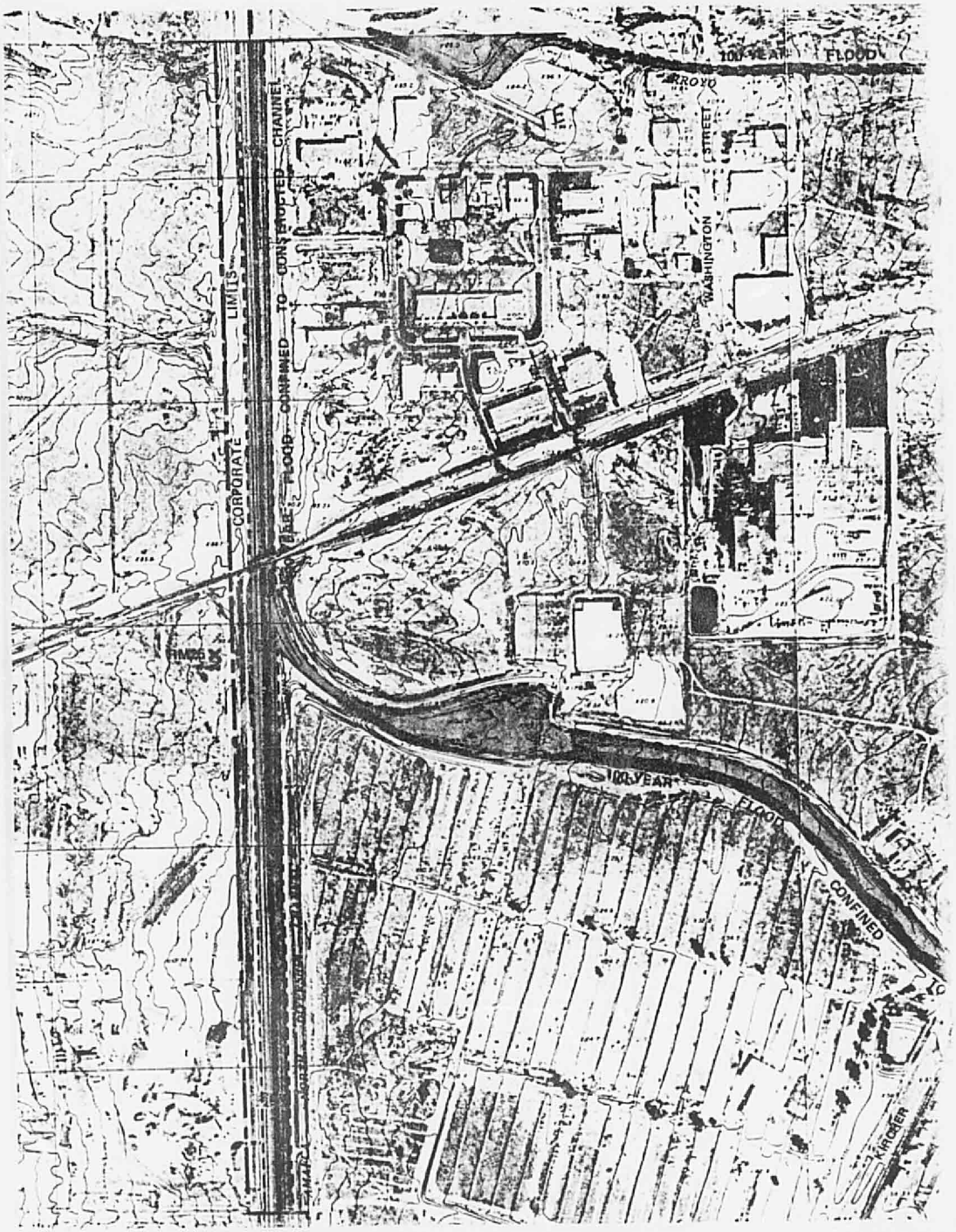
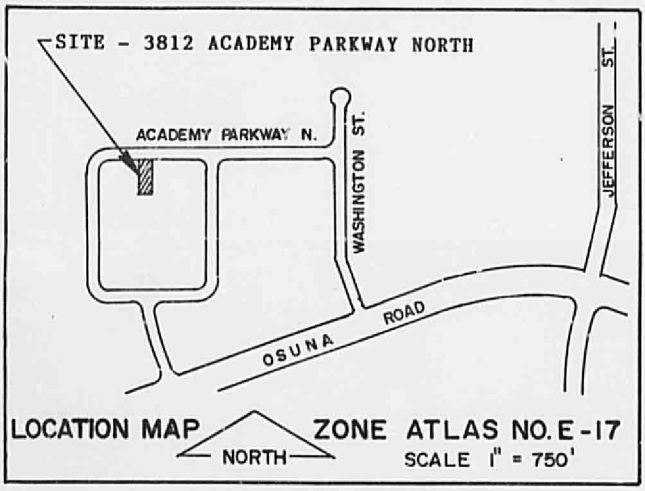


CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



FRANK D. LOVELAD
NEW MEXICO
6512
6/18/86
REGISTERED PROFESSIONAL ENGINEER

LEGAL DESCRIPTION:

LOT 2-b, BLOCK B, INTERSTATE INDUSTRIAL TRACT UNIT I.

BENCH MARK:

A.C.S. STATION 10-D17, LOCATED ALONG AN ELECTRIC TRANSMISSION LINE, IN AN OPEN FIELD, 0.65 MILES WEST OF HICHWAY I-25, AND ON THE PROJECTED CENTERLINE CF SAN ANTONIO DRIVE, N.E. A 40-PENNY NAIL IN THE SOUTH POLE OF PYLON #RE8. ELEV. 5109.28 FEET.

TEMPORARY BENCH MARK:

TBM IS LOCATED ON TOP OF CURB ADJACENT TO THE EAST EDGE OF THE DRIVEWAY, ELEVATION 5093.49 FEET.

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 Interim Specifications For Public Works Construction, 1985.
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 ARTERIAL street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.

APPROVALS	NAME	DATE
A.C.E./DESIGN		
INSPECTOR		
A.C.E./FIELD		

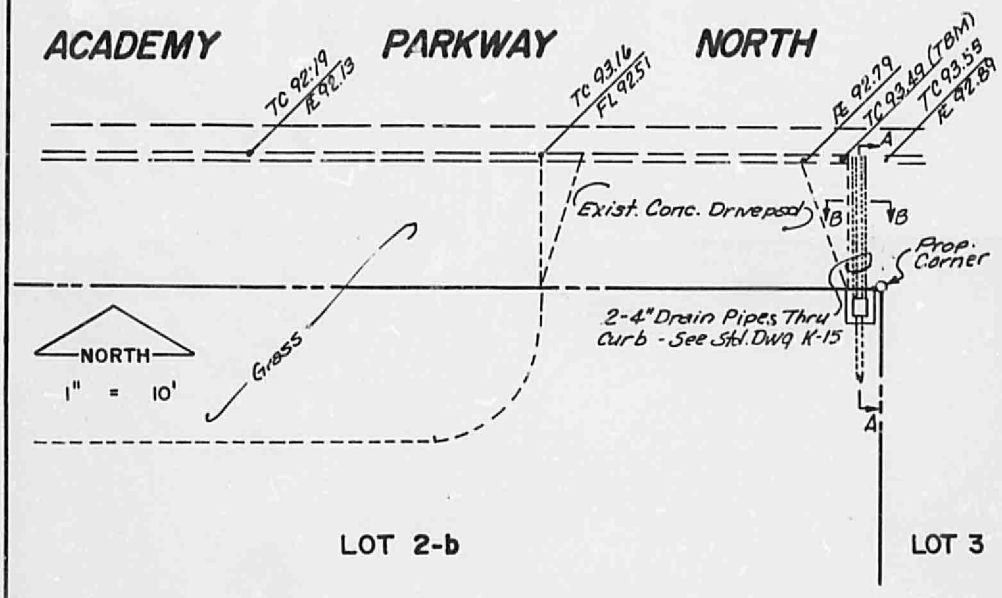
TITLE:
4" DRIAN PIPES THROUGH CURBS
SOUTHWEST COLOR SEPARATIONS
3812 ACADEMY PARKWAY NORTH, NE

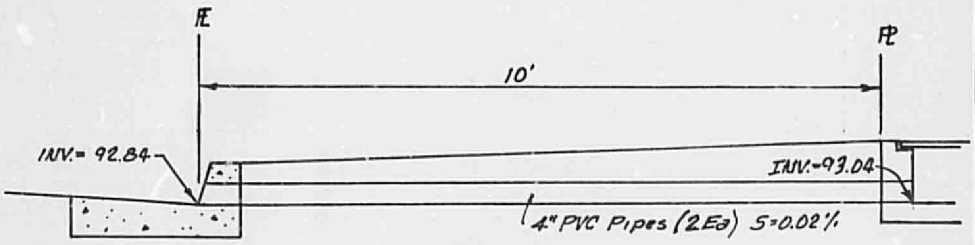
PERMIT NO.
SHEET 1 OF 2

MAP NO. E-17

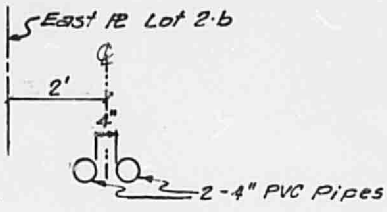
CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY





SECTION A-A
1" = 2'



SECTION B-B
1" = 2'

FRANK D. LOVELAND
NEW MEXICO
6512
REGISTERED PROFESSIONAL ENGINEER
10/18/86

APPROVALS	NAME	DATE	TITLE: 4" DRAIN PIPES THROUGH CURB SOUTHWEST COLOR SEPARATIONS 3812 ACADEMY PARKWAY NORTH, NE	
A.C.E./DESIGN				
INSPECTOR			PERMIT NO.	MAP
A.C.E./FIELD			SHEET 2 OF 2	NO. E-17

1743 L