

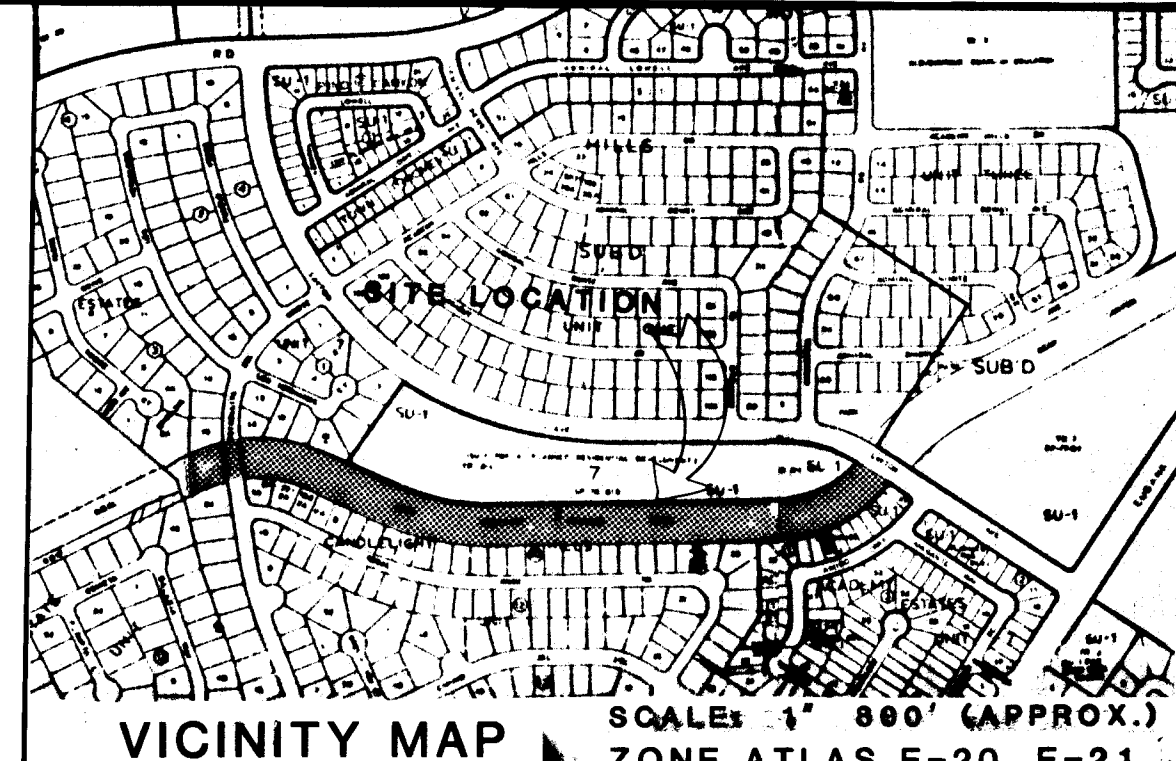
CONSTRUCTION PLANS
FOR
BEAR ARROYO TRIBUTARY

250' WEST OF ESTRELLITA DEL NORTE TO
LAYTON AVENUE

ACADEMY ESTATES
ALBUQUERQUE, NEW MEXICO

INDEX TO DRAWINGS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2-6	PLATS
7-9	PLAN AND PROFILE
10-12	CROSS-SECTIONS
13-14	CONSTRUCTION DETAILS
15	ABUTMENT DETAILS



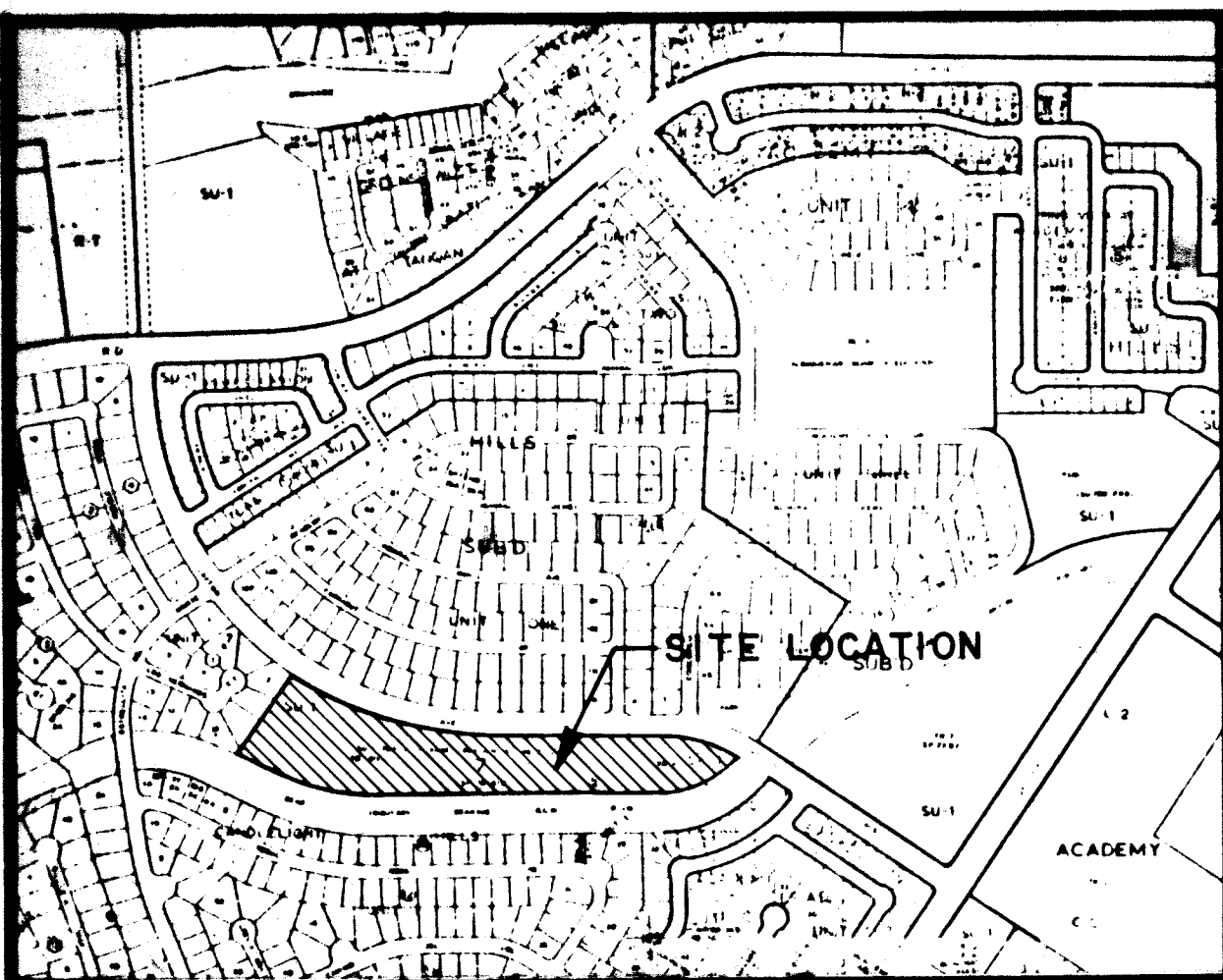
- GENERAL NOTES
- All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred to by the Supplementary General Conditions and Supplementary Technical Specifications for this project.)
 - Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
 - 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 minimum amount of delay.
 - TRAFFIC CONTROL: Appropriate traffic control plans and barricade permits will be required for any work within Wyoming or Layton, as provided in General Conditions and Supplemental General Conditions. The cost of traffic control requirements shall be incidental to the related work items.
 - DRAINAGE HANDLING: The provisions of the City of Albuquerque Storm Drainage, flood, and Erosion Control Ordinance, article 7-9, R.O. 1974, apply to the construction of this project. Specific attention is called to section 7-9-12, paragraph B.2 of that ordinance which reads as follows: "2. During the months of July, August or September, any grading within or adjacent to a water course defined as a major facility shall provide for erosion control and safe passage of the 10 Year design storm run-off during construction."

26 1938 0185

APPROVAL OF AS BUILT DRAWING
W. J. McManis
DATE 7-9-85

RECORD DRAWING

REV	7.14.15	7.14.15	CITY ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS										
			MSM/SP Group CONSULTING ENGINEERS • SURVEYORS • PLANNERS 2601 Wyoming Blvd., N.E. Albuquerque, New Mexico 87112 (505) 292-1936				APPROVED FOR CONSTRUCTION C.E. SHEET 1 OF 15			
DRAWING NO. 1938			MAP NO. E-20, E-21							



VICINITY MAP
SCALE: 1"=800' (Approx.)

Replat Data

D.R.B. Case Number	83-275
Zone Atlas Number	E20 & E21
Gross Acreage	11.3816
Total Number Tracts Created	28
Total Mileage of Streets Created	0.220
Date of Survey	6-6-83

APPROVED BY:

[Signature] **SP-83-223**
8/16/83
Traffic Engineer, Transportation Department

[Signature] **8-16-83**
8/16/83
Park and Recreation Department

[Signature] **8/11/83**
8/11/83
Chief City Surveyor, Engineering Division

[Signature] **8-16-83**
8-16-83
Water Resources Department

[Signature] **8-15-83**
8-15-83
Property Management

[Signature] **8-16-83**
8-16-83
Albuquerque Metropolitan Area Flood Control Authority

[Signature] **8-16-83**
8-16-83
City Engineer, Engineering Division

[Signature] **8-17-83**
8-17-83
City Planner, Albuquerque/Bernalillo County Planning Division

[Signature] **8-18-83**
8-18-83
Public Accountant, State of New Mexico

[Signature] **8-15-83**
8-15-83
Notary Public

[Signature] **8-11-83**
8-11-83
Gas Company, New Mexico

83 56840
ACADEMY ESTATES
UNIT 7
TRACT A-1
SUBDIVISION
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SITUATE WITHIN
SECTIONS 28 & 29
TOWNSHIP II NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN

BEING A REPLAT
OF
ACADEMY ESTATES
UNIT 7
TRACT A-1
AUGUST, 1983

- General Notes:
- 1) Bearing basis - plat of Tract A-1 and A-2 Academy Estates Unit 7, as the same is shown and designated on said plat filed in the office of the County Clerk of Bernalillo County on November 16, 1978, Volume D9, Folio 24.
 - 2) Block corner returns have a radius of 25.00 feet and an arc length of 39.27 feet unless otherwise indicated.
 - 3) Unless otherwise indicated, lot lines are perpendicular or radial to street lines.
 - 4) N/R indicates non-radial.
 - 5) Purpose of replat is to create a 28 lot subdivision.
 - 6) Approval of this plat by the City is to be under Ordinance 97-1979 as amended (Article 7-11, R.O. 1974) in accordance with Section B of the current Subdivision Ordinance (effective date June 28, 1983).

CERTIFICATION

I, George Mundell, New Mexico Registered Land Surveyor Number 8454, certify that this Replat was prepared by me or under my supervision from existing Plat records and that an actual field survey was performed on the Tract shown hereon, and that this Replat meets the minimum requirements of the Albuquerque Subdivision Ordinance and is true to the best of my knowledge and belief.

[Signature] **8-15-83**
George L. Mundell, NMLS No. 8454
For MSM/SP Group

DEDICATION & FREE CONSENT

The undersigned owner of the land herein shown does hereby consent to the subdivision of the land hereon, Tract A-1 of ACADEMY ESTATES, UNIT 7, TRACTS A-1 and A-2, City of Albuquerque, Bernalillo County, New Mexico as the same is shown and designated on said plat filed in the office of the County Clerk of Bernalillo County on November 16, 1978 in Volume D9, Folio 24. Now comprising ACADEMY ESTATES, UNIT 7, TRACT A-1 SUBDIVISION, City of Albuquerque, Bernalillo County, New Mexico, being more particularly described as follows:

Beginning at the Southwest corner of the herein described Tract:

Thence N 33° 23' 16" E, 392.58 feet to a point on the Southerly R/W line of Layton Ave. N.E.

Thence along said R/W line 888.82 feet along a curve to the left, whose radius is 1388.88 feet and whose long chord bears S 73° 18' 22" E, 797.43 feet through a central angle of 33° 23' 16";

Thence continuing East, 658.65 feet;

Thence continuing 138.54 feet along a curve to the right, whose radius is 537.86 feet and whose long chord bears S 73° 38' 58" E, 316.14 feet through a central angle of 32° 58' 21" to a point on the Northerly line of the BEAR TRIBUTARY DRAINAGE R/W.

Thence along said drainage R/W line 335.96 feet along a curve to the right, whose radius is 389.97 feet and whose long chord bears S 64° 08' 48" W, 325.67 feet through a central angle of 49° 21' 48";

Thence continuing along said drainage R/W line S 88° 41' 36" W, 1898.33 feet;

Thence continuing 488.87 feet along a curve to the right, whose radius is 865.88 feet and whose long chord bears N 78° 83' 38" W, 396.52 feet through a central angle of 26° 38' 08";

Thence continuing S 64° 48' 38" W, 188.88 feet to the Southwest corner and beginning corner containing 11.3816 acres (495,783 sq. ft.) more or less.

The above described Subdivision is with the free consent and in accordance with the undersigned owner and said owner does hereby dedicate to the public, streets and drainage rights of ways shown hereon, together with all easements shown on this plat, including the rights of ingress & egress, maintenance and the right to trim interfering trees.

Academy Development Company
[Signature]
Gary M. Swearingen, President

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 16th day of August, 1983, by Gary M. Swearingen, President of Academy Development Company, A New Mexico Corporation, on behalf of said Corporation.

[Signature]
Notary Public

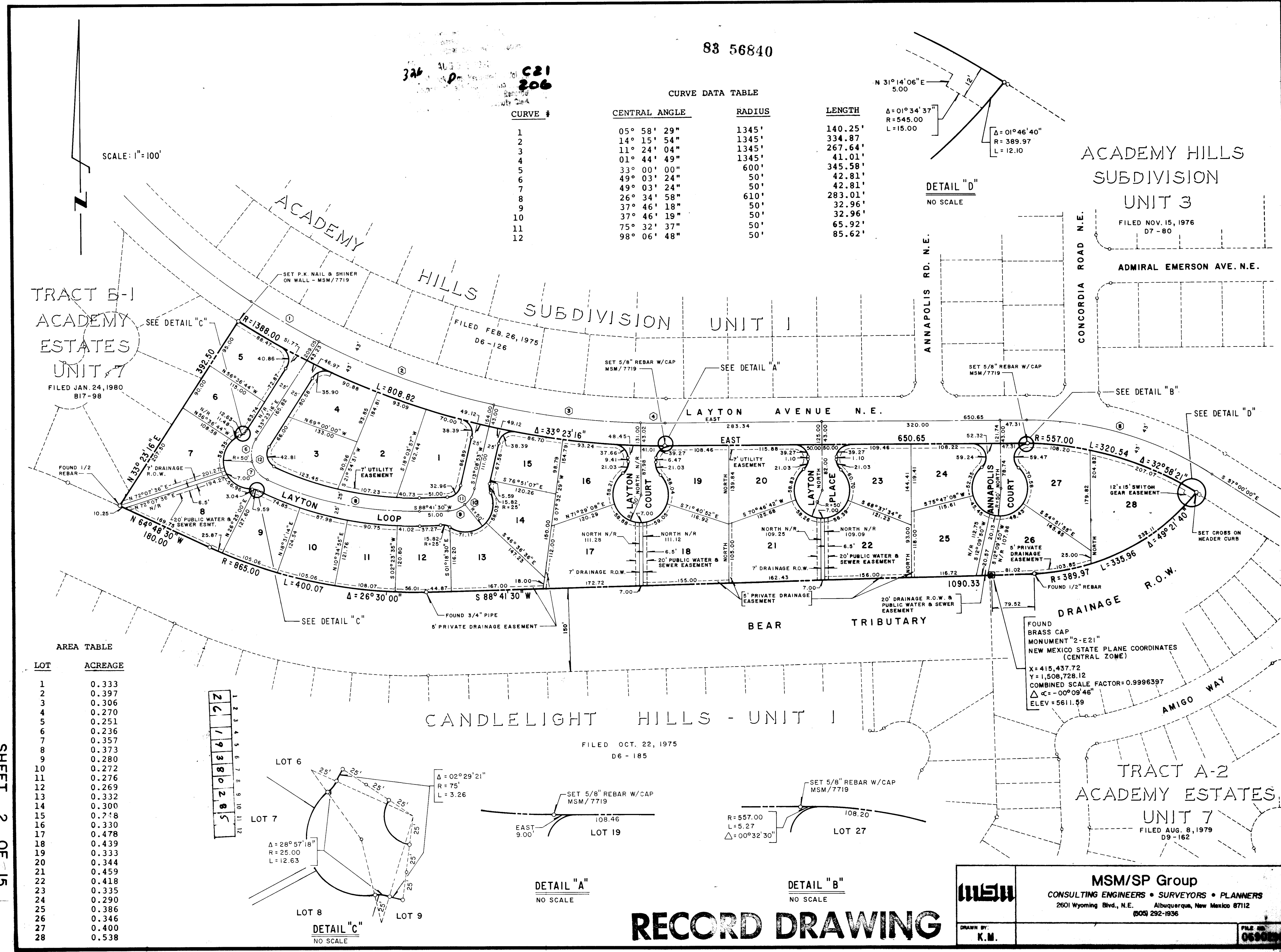
OFFICIAL SEAL
CHRISTINA M. HENDERSON
NOTARY PUBLIC - NEW MEXICO
My Commission Expires 12/31/85

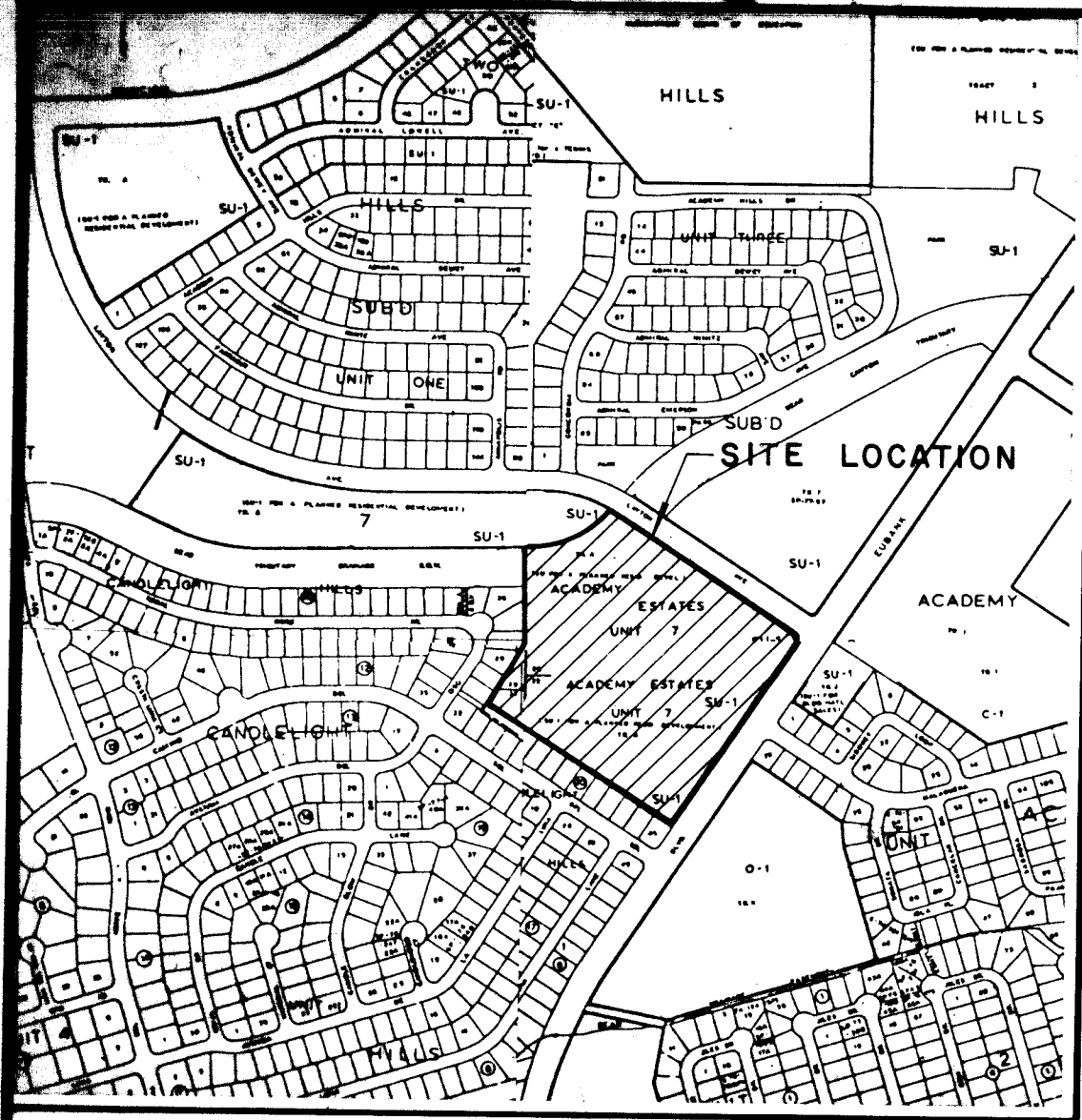
MSM/SP Group
CONSULTING ENGINEERS • SURVEYORS • PLANNERS
2601 Wyoming Blvd., N.E. Albuquerque, New Mexico 87112
(505) 252-1936

DESIGNED BY: K.M.
CHECKED BY: G.L.M.
APPROVED BY: [Signature]

ACADEMY ESTATES
UNIT 7
TRACT A-1 SUBDIVISION

FILE NO. 0690296
SCALE: 1"=100'
DATE: 6-16-83
SHEET: 1 of 2





VICINITY MAP
SCALE: 1"=600' (Approx.)

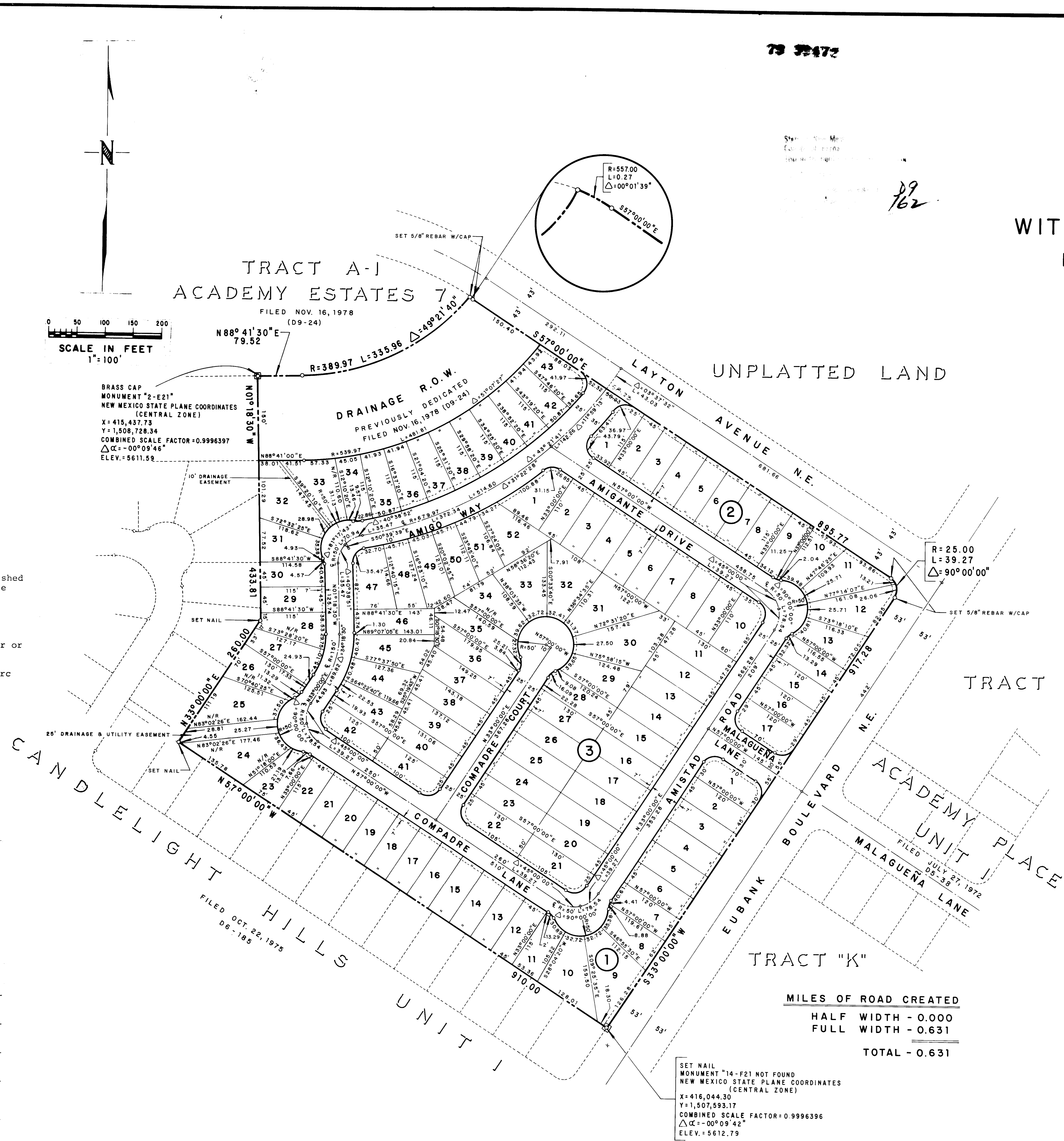
- NOTES:
1. Monuments required by City of Albuquerque Subdivision Ordinance are identified by the following symbols:
 - PERMANENT SURVEY MONUMENT
 - BOUNDARY CONTROL (FOUND IN PLACE)
 - BOUNDARY CONTROL (SET WITH 5/8 REBAR)
 2. Bearings as shown hereon are based on bearings established by previously recorded plats, rotate bearings clockwise 00°11'34" for New Mexico State Plane Coordinate Grid, Central Zone.
 3. N/R indicates non-radial.
 4. Unless otherwise indicated, lot lines are perpendicular or radial to street lines.
 5. Block corner returns have a radius of 25 feet and an arc length of 39.27 feet unless otherwise indicated.

PERSONAL AND ADDITIONAL ACKNOWLEDGANCE, as specified in Subsection 22.A.20, of the Albuquerque Subdivision Ordinance.

Planning Division, City of Albuquerque, NM
Map No. **SP-79-007**
Subdivision No. **SP-79-007**
County **City** ✓

APPROVALS, as specified by Subsection 22.A of the Albuquerque Subdivision Ordinance.

Signature	Date
<i>[Signature]</i>	8/10/79
<i>[Signature]</i>	8/10/79
<i>[Signature]</i>	7-19-79
<i>[Signature]</i>	8/2/79
<i>[Signature]</i>	8/6/79
<i>[Signature]</i>	June 19, 1979
<i>[Signature]</i>	6-29-79
<i>[Signature]</i>	6-25-79
<i>[Signature]</i>	7-19-79
<i>[Signature]</i>	12-19-78



SURVEY

I, under the laws of New Mexico, certify that I am a Registered Land Surveyor and that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Cleon L. Langley
N.M.L.S. No. 5814

REPLAT
TRACT A-2
ACADEMY ESTATES
UNIT 7
AN ADDITION TO THE CITY OF
ALBUQUERQUE
WITHIN THE ELENA GALLEGOS GRANT
BERNALILLO COUNTY, NEW MEXICO

DEDICATION

The subdivision of the land described hereon being a Replat of TRACT A, ACADEMY ESTATES UNIT 7, a portion of Sections 28, 29, 32 and 33, T. 11 N., R. 4 E., N.M.P.M., within the Elena Gallegos Grant, Albuquerque, New Mexico, as the same is shown and designated on said Plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on November 16, 1978 (D9-24), and now comprising TRACT A-2, ACADEMY ESTATES UNIT 7, an addition to the city of Albuquerque within the Elena Gallegos Grant, Bernalillo County, New Mexico and more particularly described as follows:

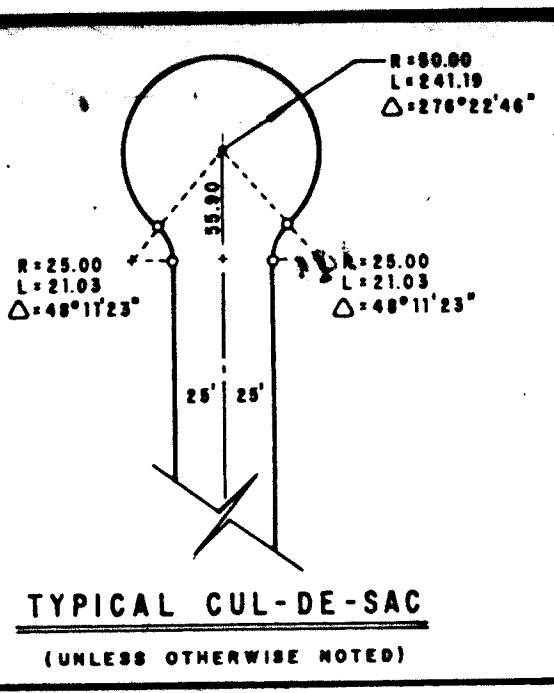
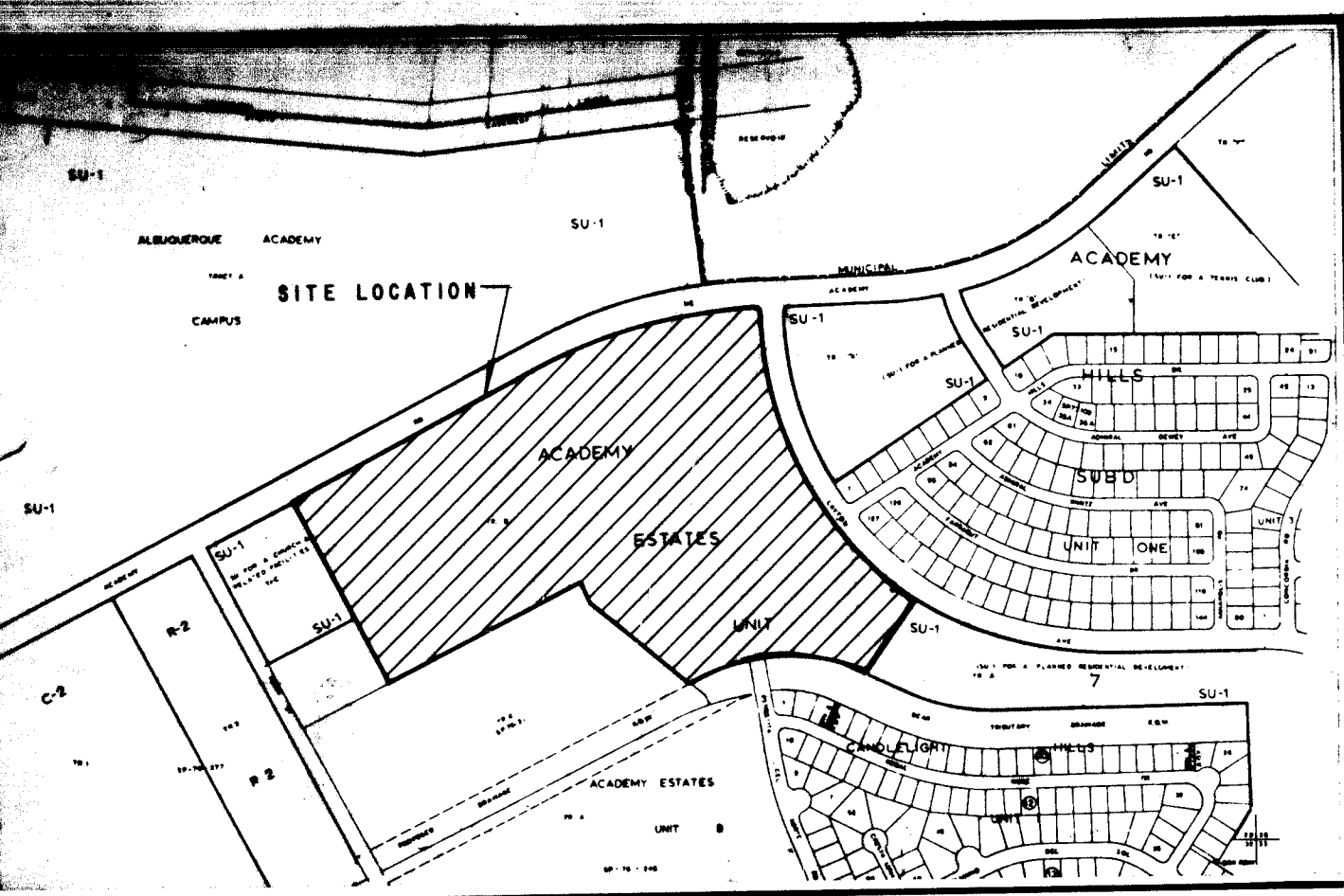
Beginning at the Southeast Corner of TRACT A-2 of the aforementioned Plat said point being on the Northwestly Right-of-way of Eubank Blvd. N.E., thence N 57°00'00"W, 210.00 feet to the Southwest Corner of the tract herein described, thence N 33°00'00"E, 260.00 feet to a point, thence W 03°18'30"W, 433.81 feet to the Northwest Corner of the tract herein described, thence N 88°41'30"E, 79.52 feet to a point of Curvature, thence following a curve to the left whose radius is 389.97 feet and whose long chord bears N 64°00'40"E, a distance of 325.67 feet through an arc distance of 335.96 feet, through a central angle of 49°21'40" to a point on curve, said point being on the Southerly Right-of-way of Layton Avenue N.E., thence following a curve to the right, along said Right-of-way whose radius is 557.00 feet and whose long chord bears S 57°00'50"E a distance of 0.27 feet, through an arc distance of 0.27 feet, through a central angle of 00°01'39" to a point of tangency, thence continuing along said Right-of-way S 57°00'00"E, 895.77 feet to a point of curvature, thence following a curve to the right whose radius is 25.00 feet and whose long chord bears S 12°00'00"E a distance of 35.36 feet through an arc distance of 39.27 feet, through a central angle of 90°00'00" to a point of tangency, said point being on the Northwestly Right-of-way of Eubank Blvd. N.E., thence continuing along said Right-of-way S 33°00'00"W, 917.28 feet to the Southeast and Beginning corner of the Tract herein described and containing 21.3345 acres, more or less, is with the free consent and in accordance with the desires of the undersigned owner and proprietor thereof, and said owner and proprietor does hereby dedicate the public streets and drainage right-of-way shown hereon, together with all easements shown on this Plat. Public Utility easements are reserved where shown by dashed lines, being 14 feet in width centered on rear lot lines and 10 feet in width centered on side lot lines except as noted, including the rights of Ingress, Egress, Maintenance, and the right of Trim Interfering Trees.

ACADEMY DEVELOPMENT COMPANY
Attest: *[Signature]*
Gary M. Swearingen, President
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.
The foregoing instrument was acknowledged before me this 7th day of August, 1979, by Gary M. Swearingen, President of Academy Development Company, a New Mexico corporation, on behalf of said corporation.
[Signature]
Notary Public
My Commission Expires: 1-27-82

RECORD DRAWING

MEURER, SERAFINI AND MEURER, INC.	
CONSULTING ENGINEERS • SURVEYORS • PLANNERS	
2801 Wyoming Blvd., N.E. Albuquerque, New Mexico 87110	
(505) 292-1000	
DESIGNED BY:	FILE NO.:
CHECKED BY:	SCALE:
APPROVED BY:	NOTED:
	DATE:
	SHEET NO.:

REPLAT OF THE CORRECTED REPLAT OF
TRACT B-1
ACADEMY ESTATES
UNIT 7
WITHIN THE ELENA GALLEGOS GRANT
AN ADDITION TO THE CITY OF
ALBUQUERQUE, NEW MEXICO

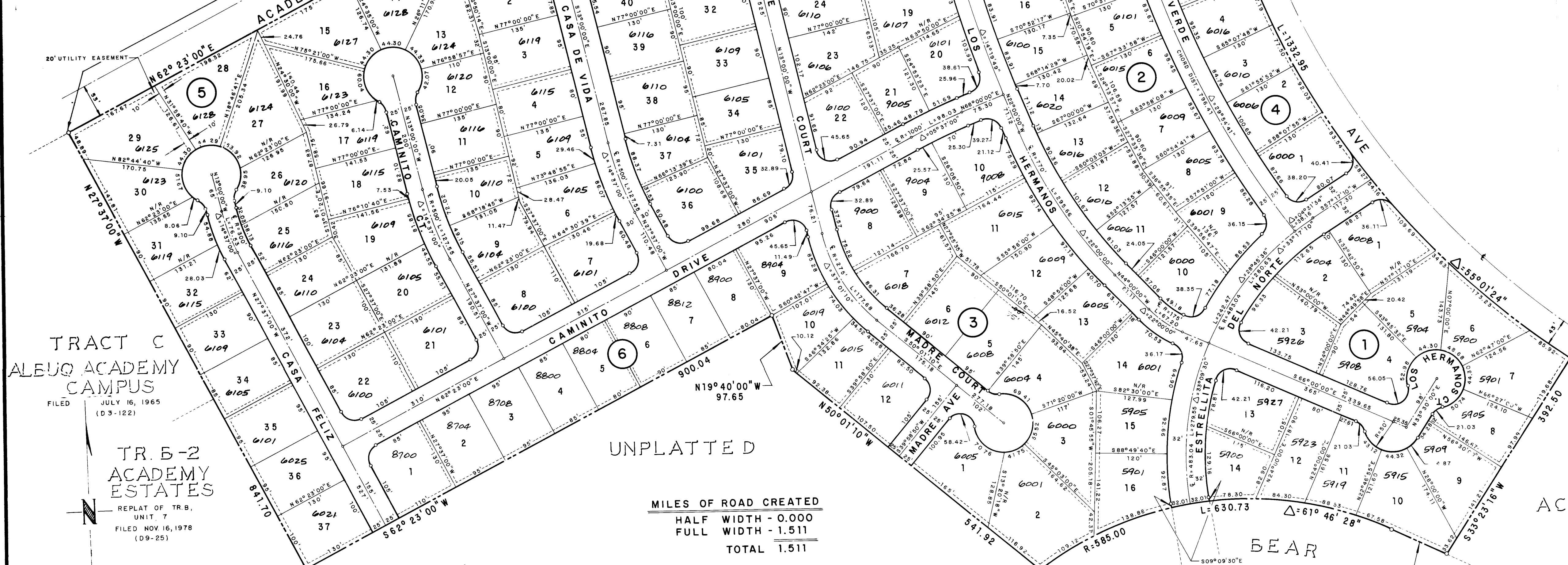


APPROVAL AND CONDITIONAL ACCEPTANCE, as specified in Subsection 22.A.20. of the Albuquerque Subdivision Ordinance.
L. F. Fisher by C. Johnston
Planning Director, City of Albuquerque, NM
Date: *3 January 80* Map No. E-20
Subdivision No. *S-6937-2-1*
County _____ City *X*
APPROVALS, as specified by Subsection 22.A. of the Albuquerque Subdivision Ordinance.
Richard S. Heller 12/27/79
A.M.A.P.C.A. Date
Richard S. Heller 12/27/79
City Engineer, City of Albuquerque, NM Date
Richard C. Bryant 1-4-79
Traffic Engineer, City of Albuquerque, NM Date

VICINITY MAP
SCALE: 1"=800' (Approx.)

- NOTES:
- Unless shown N/R, lot lines are 90° to street lines or are radial thereto.
 - All dimensions along curved lines are measured along the arc.
 - Unless otherwise shown, block corners have a radius of 25 feet, a central angle of 90° and an arc distance of 39.27 feet.
 - Power and communication easements are reserved where shown by dashed lines, being 14 feet in width centered on rear lot lines and 10 feet in width centered on side lot lines, except as noted.
 - Bearings shown are on local system, for State plane grid system, rotate all bearings clockwise 00°11'34".

NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=41,856.97
Y=1,508,827.24
COMBINED SEA LEVEL AND SCALE FACTOR=0.999654153
ELEV.=8018.43
B.C. AC 10-E20 (NOT FOUND IN PLACE)



TRACT C
ALBUQ ACADEMY
CAMPUS
FILED JULY 16, 1965
(D 3-122)

TR. B-2
ACADEMY
ESTATES
REPLAT OF TR. B,
UNIT 7
FILED NOV. 16, 1978
(D 9-25)

UNPLATTED
MILES OF ROAD CREATED
HALF WIDTH - 0.000
FULL WIDTH - 1.511
TOTAL 1.511

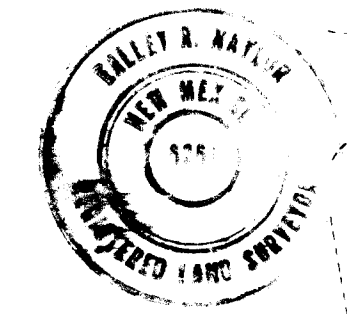
TRACT A-1
ACADEMY ESTATES
UNIT 7
FILED NOV. 16, 1978
(D 9-24)

RECORD DRAWING

Director of Parks & Recreation, City of Albuquerque, NM
Richard S. Heller
Chief Surveyor, City of Albuquerque, NM
Mtn. States Telephone & Telegraph Co.
Paul R. Harris
Public Service Co. of New Mexico
Paul Harris
Gas Company of New Mexico
Paul Harris
Property Management
Paul Harris
Water Resources, City of Albuquerque, NM

Date 3/8/79
Date 12-18-78
Date 12/15/78
Date 12/18/78
Date 12-18-78
Date 12-19-78

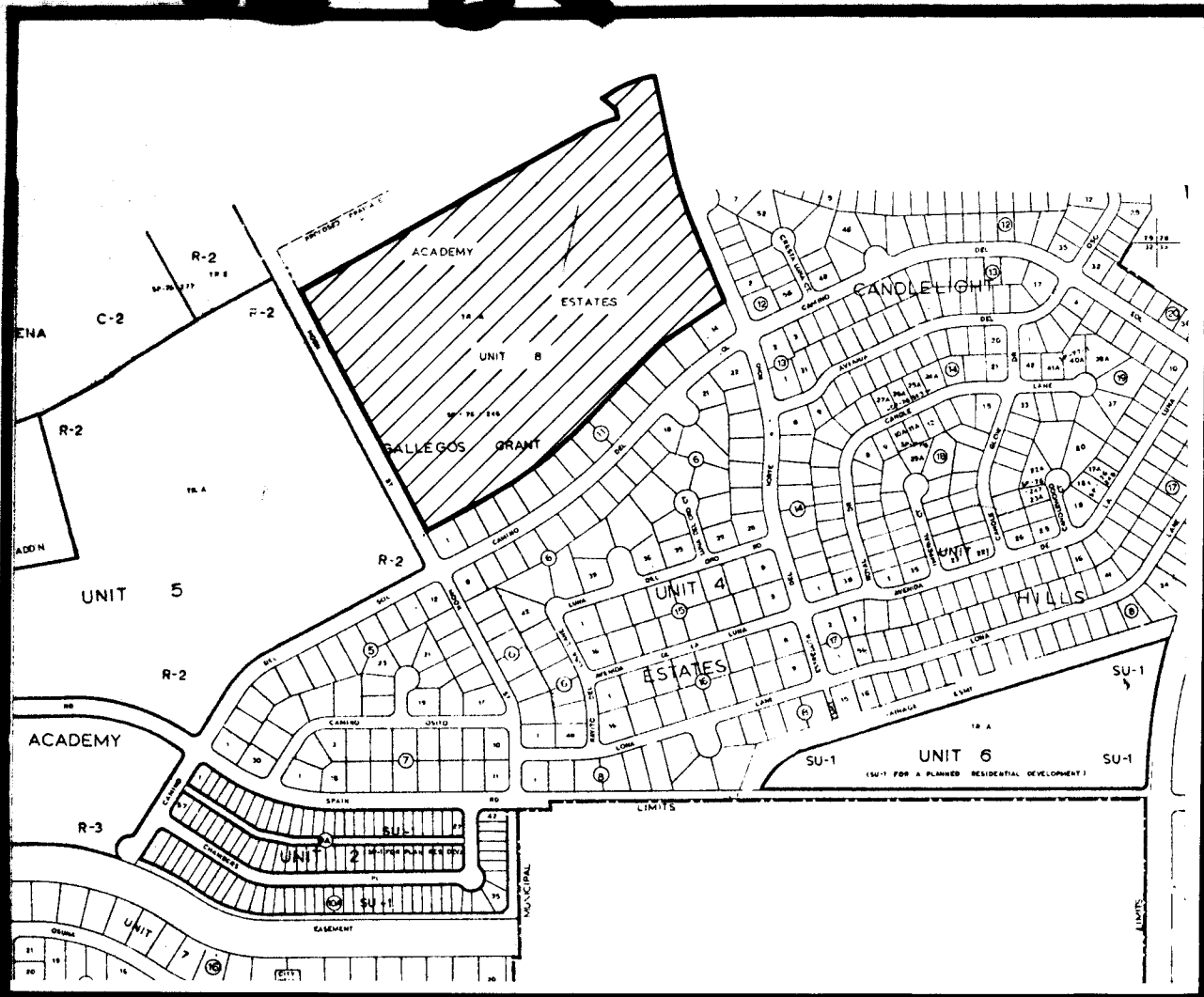
SURVEYOR'S CERTIFICATION
This is to certify that I, Bailey R. Naylor, am a Registered Land Surveyor, within the laws of the State of New Mexico. That this plat was prepared by me or under my supervision. That this plat shows all easements of record, meets the minimum requirements for preparation and surveys of the Albuquerque Subdivision Ordinance, and that the same are true and correct to the best of my knowledge and belief.
Bailey R. Naylor
Bailey R. Naylor, N.M.L.S. No. 6261
Date: 13 December, 1979



CANDLELIGHT HILLS
UNIT 1
FILED OCT 22, 1975
(D 6-185)

DEDICATION
The undersigned owner of the land hereon shown does hereby consent to the Replat of the land hereon shown; Corrected Replat of Tract B, Unit 7 Academy Estates, a portion of Section 29, T. 11 N., R. 4 E., N.M.P.M., Albuquerque, New Mexico, as the same is shown and designated on said plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on November 16, 1978 (D9-25), and now Replatted and Resurveyed as the same appears hereon, is with free consent and in accordance with the desires of the undersigned owner and proprietor thereof, and said owner and proprietor does hereby dedicate the public streets, together with all easements shown on this plat, where shown by dashed lines, being 14 feet in width centered on the rear lot lines and 10 feet in width centered on side lot lines, except as noted, including the rights of ingress, egress, maintenance, and the right to trim interfering trees, containing 52.1152 acres, more or less.
ACADEMY DEVELOPMENT COMPANY
Gary M. Swearingen
Gary M. Swearingen, President
Logan L. Cox
Logan L. Cox, Secretary
STATE OF NEW MEXICO) ss.
COUNTY OF BERNALILLO)
The foregoing instrument was acknowledged before me this 21st day of December, 1979, by Gary M. Swearingen, President of Academy Development Company, a New Mexico corporation, on behalf of said corporation.
Valerie Swearingen
Valerie Swearingen, Notary Public
My Commission Expires: 1-27-82

MEURER, SERAFINI AND MEURER, INC.			
CONSULTING ENGINEERS • SURVEYORS • PLANNERS			
2601 Wyoming Blvd., N.E. Albuquerque, New Mexico 87110			
(505) 292-1936			
DRAWN BY:	DESIGNED BY:	CHECKED BY:	APPROVED BY:
FILE NO.	SCALE	NOTED	DATE
			NOV. '78
			SHEET NO.



VICINITY MAP
Scale: 1" = 800' (Approx.)

SCALE IN FEET
1" = 100'

UNPLATTED

ACADEMY ESTATES UNIT 7

FILED: JUNE 18, 1975
D6-167

ACADEMY ESTATES

UNIT 8

AN ADDITION TO THE CITY OF
ALBUQUERQUE, NEW MEXICO

WITHIN THE ELENA GALLEGOS GRANT
BERNALILLO COUNTY, NEW MEXICO

AUGUST 1977

DEDICATION

The undersigned owners of the land hereon shown do hereby consent to the replat of the land hereon shown; Tract "A" of the plat of ACADEMY ESTATES, UNIT 8, an addition to the City of Albuquerque, within the Elena Gallegos Grant, Bernalillo County, New Mexico, as the same is shown and designated on the plat of said addition, filed in the office of the County Clerk of Bernalillo County, New Mexico, on June 17, 1976 and now comprising Academy Estates, Unit 8, an addition to the City of Albuquerque, New Mexico, within the Elena Gallegos Grant, Bernalillo County, New Mexico, is with free consent and in accordance with the desires of the undersigned owners and proprietors thereof, and said owners and proprietors do hereby dedicate the public streets and drainage rights-of-way shown hereon, together with all easements shown on this plat. Public utility and drainage easements are reserved where shown by dashed lines, being 14 feet in width centered on the rear lot lines and 10 feet in width centered on side lot lines except as noted, including the rights of ingress, egress, maintenance, and the right to trim interfering trees, containing 40.6016 acres, more or less.

THE ACADEMY FOR BOYS TRUST

Albert G. Simms II, D.
Dr. Albert G. Simms (Co-Trustee)

John V. Annawan
Albuquerque National Bank
(Co-Trustee)
Vice President and Trust Office

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

On this 10th day of October, 1977 the foregoing instrument was acknowledged before me.

My commission expires: 4-4-81
Thelma L. Ruviet
Notary Public

TOTAL ACREAGE
40.6016 ACRES

MILES OF ROAD CREATED
HALF WIDTH 0.000
FULL WIDTH 0.856

ACADEMY ESTATES UNIT 5

FILED: JULY 1, 1974
D6-65

APPROVALS, as specified by Subsection 22.A of the Albuquerque Subdivision Ordinance.

<i>Alma Conception</i> AMPCA	10-3-77
<i>N. M. Jimenez</i> City Engineer, City of Albuquerque, NM	9-28-77
<i>Robert A. Lamm</i> Traffic Engineer, City of Albuquerque, NM	8/29/77
<i>Director of Parks & Recreation, City of Albuquerque, NM</i>	9-28-77
<i>Chief Surveyor, City of Albuquerque, NM</i>	9-30-77
<i>Chief of Police, City of Albuquerque, NM</i>	8-25-77
<i>Public Service Co. of New Mexico</i>	8/25/77
<i>Southern Union Gas Company</i>	8/25/77
<i>Property Management</i>	8-29-77

ACADEMY ESTATES UNIT 4

FILED: JULY 9, 1973
D5-164

APPROVAL AND CONDITIONAL ACCEPTANCE, as specified by Subsection 22.A.20. of the Albuquerque Subdivision Ordinance.

Planning Director, City of Albuquerque, NM
Date: Oct 14, 1977 Map No. E4F-20
Subdivision No. S-69-27-B
County SURVEY City ✓

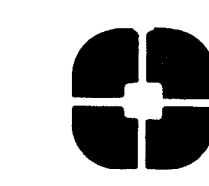
I, under the laws of New Mexico, certify that I am a Registered Land Surveyor and that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Stephen E. Walker
Stephen E. Walker
N.M.L.S. No. 6401

- NOTES:
- Monuments required by City of Albuquerque Subdivision Ordinance are identified by the following symbols:
 - PERMANENT SURVEY MONUMENT
 - BOUNDARY CONTROL (Found in place)
 - BOUNDARY CONTROL (Set w/3/4" Iron Pipe)
 - BLOCK CONTROL
 - Unless indicated N/R, lot lines are perpendicular or radial to street right-of-way lines.
 - All curved dimensions are given along the arc of the curve.
 - Unless otherwise indicated cul-de-sac radii are 50 feet.
 - Bearings shown are on local system, for State Plane Grid System rotate all bearing clockwise 00° 11'34".
 - Combined scale factor = 0.999642.

24 19380685

RECORD DRAWING



MURRAY-McCORMICK, INC.
ENVIRONMENTAL DESIGN
ENGINEERING-PLANNING-SURVEYING

12601 WYOMING BLVD. NE SUITE F ALBUQUERQUE, NEW MEXICO 87110-505-292-1936

3581-90

DB-185(2)

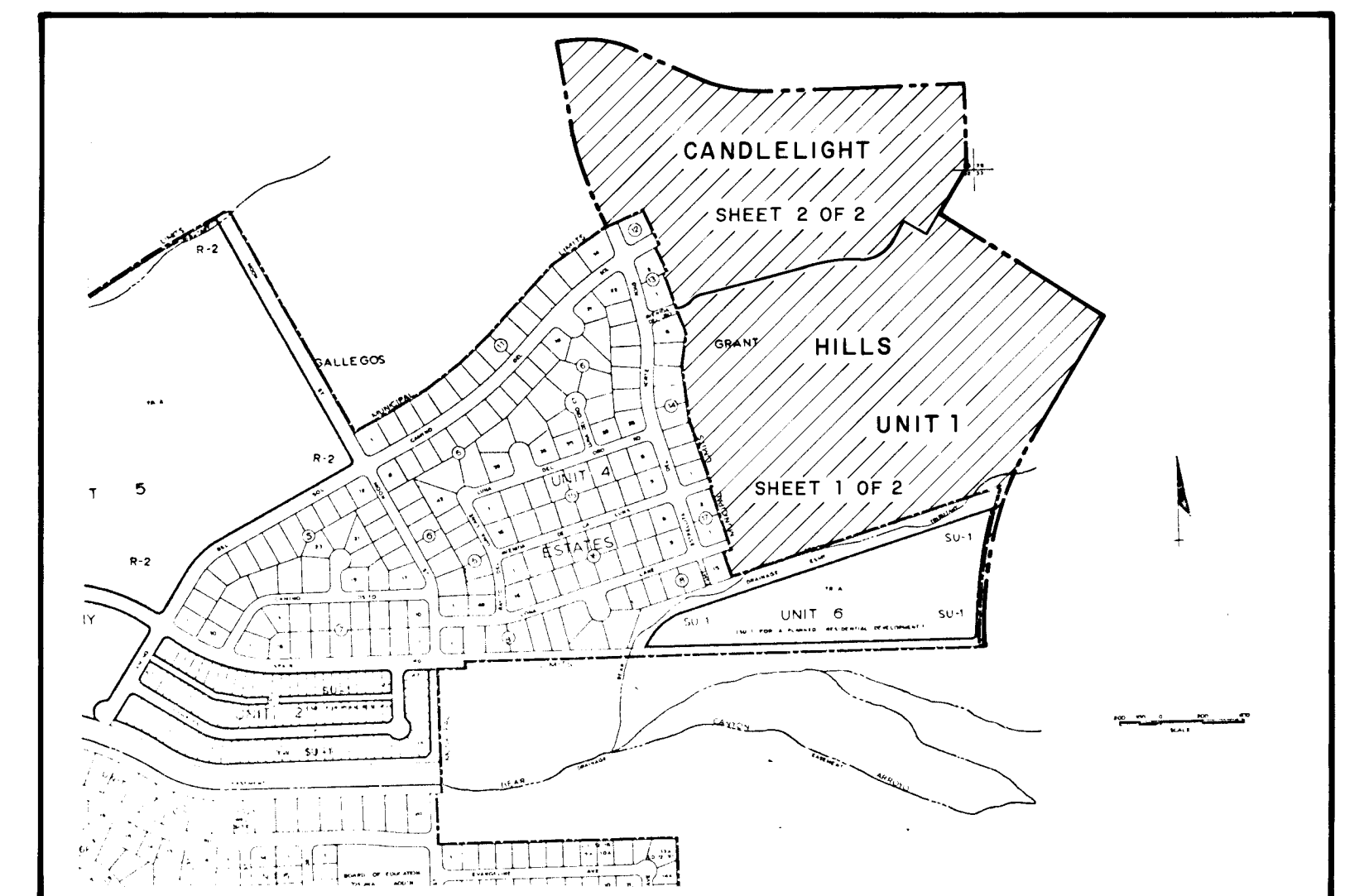
CANDLELIGHT HILLS UNIT 1

AN ADDITION TO THE CITY OF
ALBUQUERQUE, NEW MEXICO
WITHIN THE ELENA GALLEGOS GRANT

SEPTEMBER 1975
SHEET 2 OF 2

ACADEMY ESTATES UNIT SEVEN

JUNE 18, 1975
BOOK D6 PAGE 157



VICINITY MAP
SCALE: 1" = 800' (APPROX.)

ACADEMY ESTATES
UNIT SEVEN
JUNE 18, 1975
BOOK D6 PAGE 157



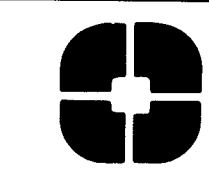
SEE SHEET 1 OF 2

I, under the laws of New Mexico, certify that I am a Registered Land Surveyor and that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Thomas N. Burlison
THOMAS N. BURLISON
N.M.L.S. No. 5212

1. Documents required by City of Albuquerque Subdivision Ordinance are identified by the following symbols:
- PERMANENT SURVEY MONUMENT
 - Found 1/2" pipe
 - Set 1/2" pipe
2. Bearings as shown are Record Bearings, rotate bearings clockwise 90° 11' 31" for New Mexico State Plane Coordinate Grid, Central Zone.
3. R = Radius, L = Arc Length
4. Combined factor = 0.999642

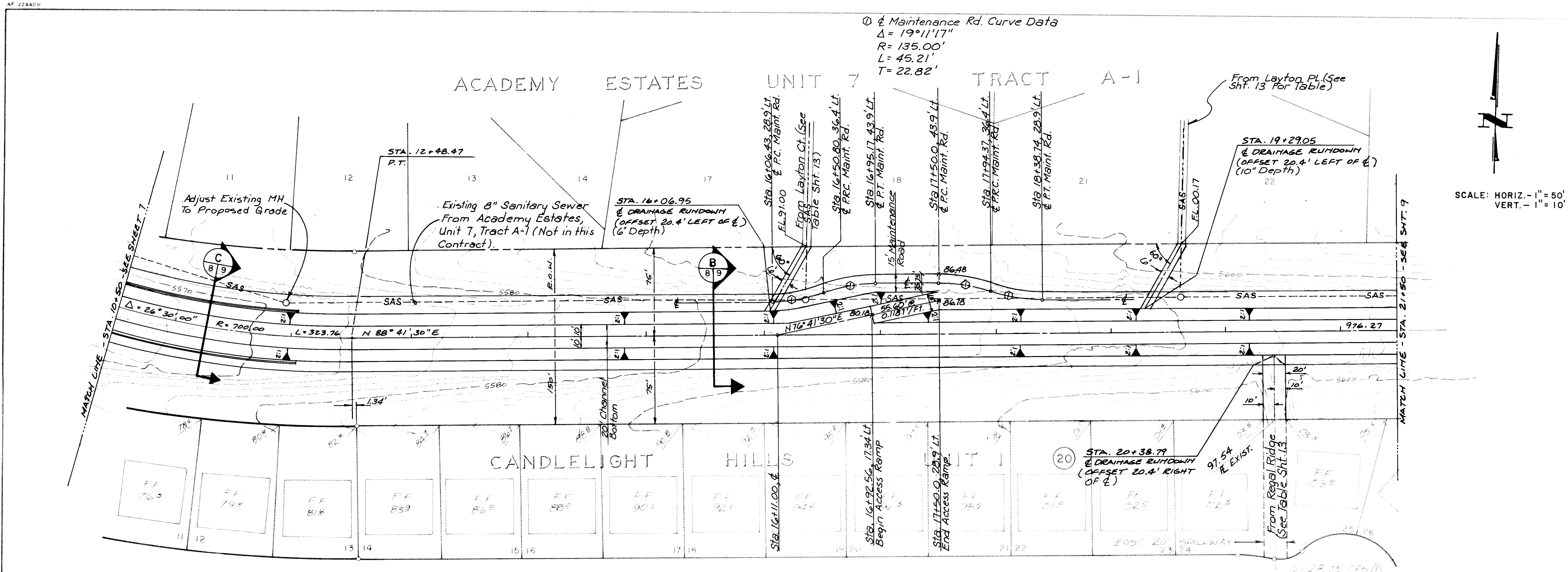
RECORD DRAWING



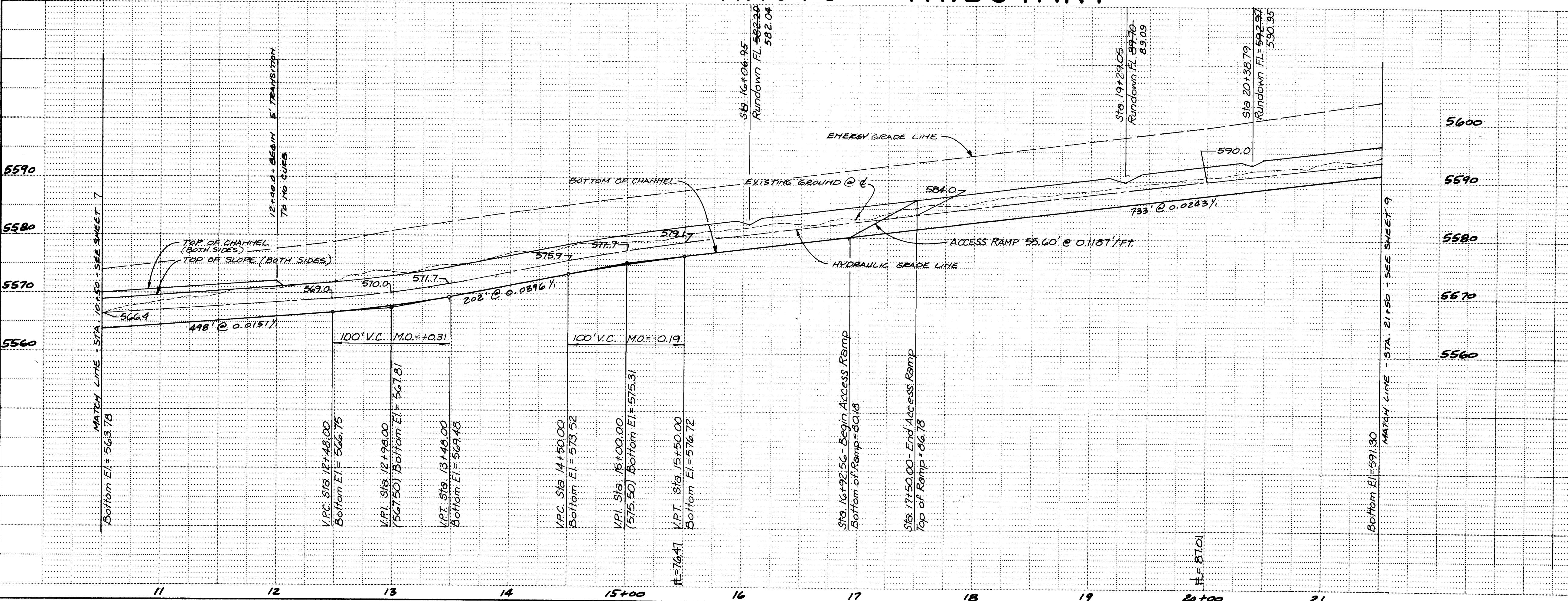
MURRAY-McCORMICK, INC.
ENVIRONMENTAL DESIGN
ENGINEERING · PLANNING · SURVEYING

2601 WYOMING BLVD. N.E. SUITE F, ALBUQUERQUE, NEW MEXICO 87110-505-292-1936

DB-185(2)



BEAR ARROYO TRIBUTARY



RECORD DRAWINGS

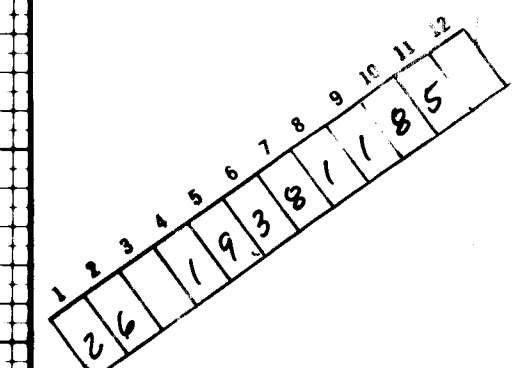
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT. THE ENGINEER HAS PERFORMED ON-SITE INSPECTION DURING CONSTRUCTION AND HAS FOUND THE CONSTRUCTION TO BE IN ACCORDANCE WITH THE DRAWINGS. THE ENGINEER HAS PROVIDED AS-BUILT INFORMATION ONLY REGARDING ELEVATIONS AND GEOMETRY OF ACTUAL CONSTRUCTION.

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BEAR ARROYO TRIBUTARY STA. 10+50 TO STA. 21+50					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	4/5/84	Liquid Waste	<i>[Signature]</i>	4/5/84
ACE-Design	<i>[Signature]</i>	4/5/84	Traffic	<i>[Signature]</i>	4/5/84
ACE-Hydrology	<i>[Signature]</i>	4/5/84	Water	<i>[Signature]</i>	4/5/84
QA	<i>[Signature]</i>	4/5/84			
DRAWING NO.	1938	MAP NO.	E-20, E-21	SHEET	8 OF 15

ENGINEER'S SEAL		REVISIONS		REMARKS		BY		DATE	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
1515	3/30/79	1515	3/30/79	1515	3/30/79	1515	3/30/79	1515	3/30/79
1546	7/11/83	1546	7/11/83	1546	7/11/83	1546	7/11/83	1546	7/11/83
1619	7/11/83	1619	7/11/83	1619	7/11/83	1619	7/11/83	1619	7/11/83
1634	9/25/84	1634	9/25/84	1634	9/25/84	1634	9/25/84	1634	9/25/84
1654	4/14/85	1654	4/14/85	1654	4/14/85	1654	4/14/85	1654	4/14/85
1676	4/14/85	1676	4/14/85	1676	4/14/85	1676	4/14/85	1676	4/14/85



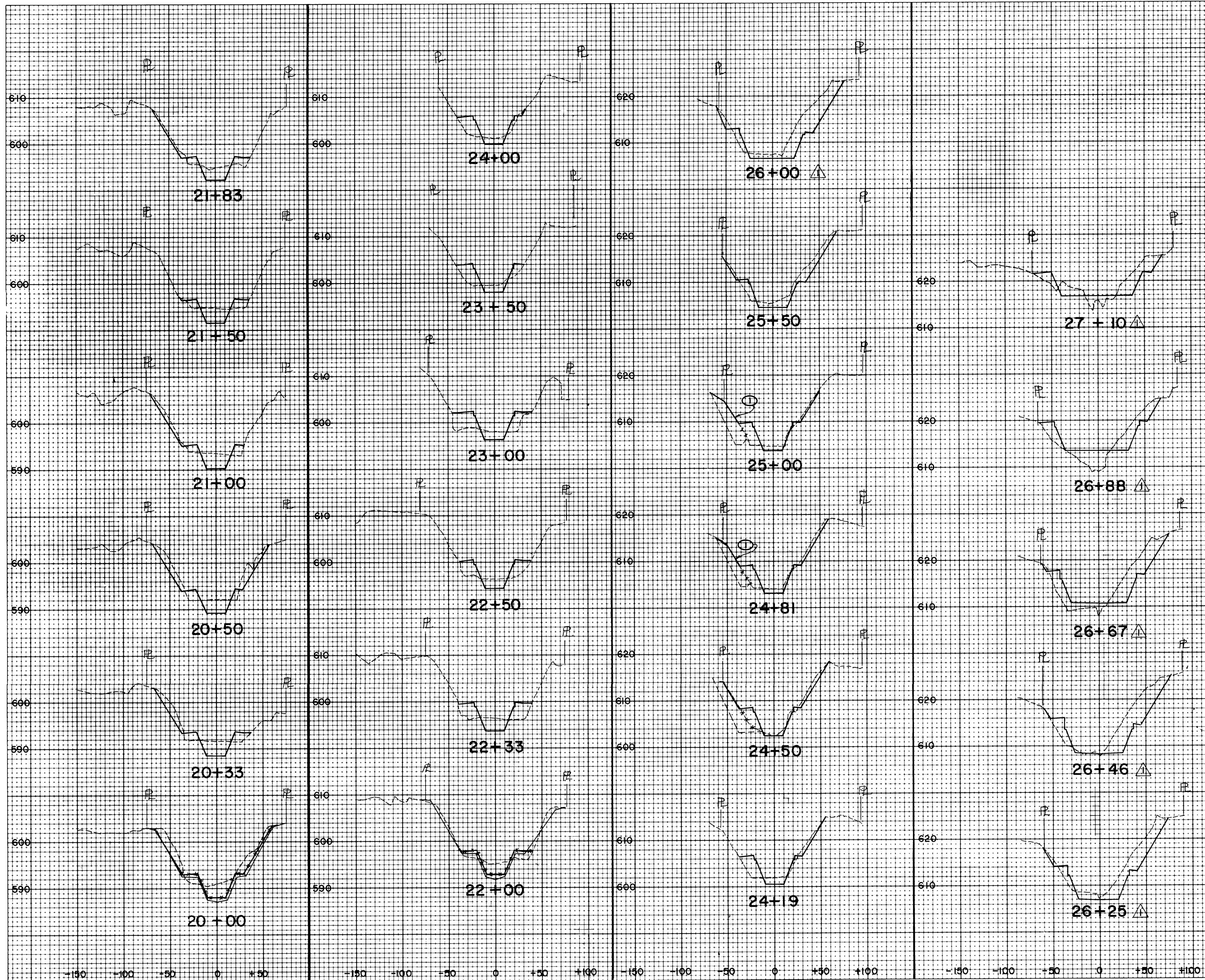
NOTES: $\triangle$
 PRIOR TO CONSTRUCTION
 THE OWNER WILL PROVIDE
 A NEW SURVEY OF
 EXISTING GROUND FROM
 STA 0+00 LT. TO STA 27+10 LT.
 DUE TO MODIFIED GRADES
 SINCE DESIGN SURVEYS.



RECORD DRAWINGS
 THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS IN
 ACCORDANCE WITH INFORMATION FURNISHED BY THE CITY OF ALBUQUERQUE
 MUNICIPAL DEVELOPMENT DEPARTMENT WHICH PERFORMED ON-SITE
 INSPECTION DURING CONSTRUCTION. GREINER ENGINEERING SCIENCES,
 INC. PROVIDED AS-BUILT INFORMATION ONLY REGARDING ELEVATIONS AND
 GEOMETRY OF ACTUAL CONSTRUCTION.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	BY	DATE		CONTRACTOR	DATE
		1515	F. SMITH	3/30/79		INSPECTOR'S	DATE
		1546	T. ALDRICH	5/12/80		ACCEPTANCE BY	DATE
		1619	T. ALDRICH	7/11/83		REVISIONS	DATE
		1634	T. ALDRICH	12/6/83		REVISIONS	DATE
		1654	P. TURNER	9/25/84		REVISIONS	DATE
		1676	P. TURNER	4/16/85		REVISIONS	DATE
						REVISIONS	DATE

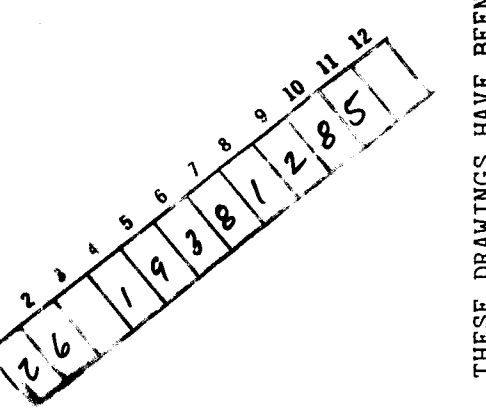
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BEAR ARROYO TRIBUTARY					
CROSS SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	NA	J. E. Edgeland 4/5/84
A.C.E. - Design			Traffic	NA	NA 4/1/84
A.C.E. - Hydrology		1/5/84	Water	NA	J. E. Edgeland 4/5/84
QA		4/5/84			
DRAWING NO.	1938		MAP NO.	SHEET 11 OF 15	
			E-20, E-21		



NOTES: Δ
PRIOR TO CONSTRUCTION
THE OWNER WILL PROVIDE
A NEW SURVEY OF
EXISTING GROUND FROM
STA. 0+00 LT. TO STA. 27+10 LT.
DUE TO MODIFIED GRADES
SINCE DESIGN SURVEYS.

KEYED NOTE:
 Δ SOLID LINE SHOWS FINAL
GRADE AFTER WORK COMPLETED
BY OTHERS UNDER SEPARATE
CONTRACT.

RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS IN
ADVANCE OF THE CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT WHICH PERFORMED ON-SITE
INSPECTION DURING CONSTRUCTION. GREINER ENGINEERING SCIENCES,
INC., PROVIDED AS-BUILT INFORMATION ONLY REGARDING ELEVATIONS AND
GEOMETRY OF ACTUAL CONSTRUCTION.



SCALE: HORIZ. : 1" = 50'
VERT. : 1" = 10'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: BEAR ARROYO TRIBUTARY

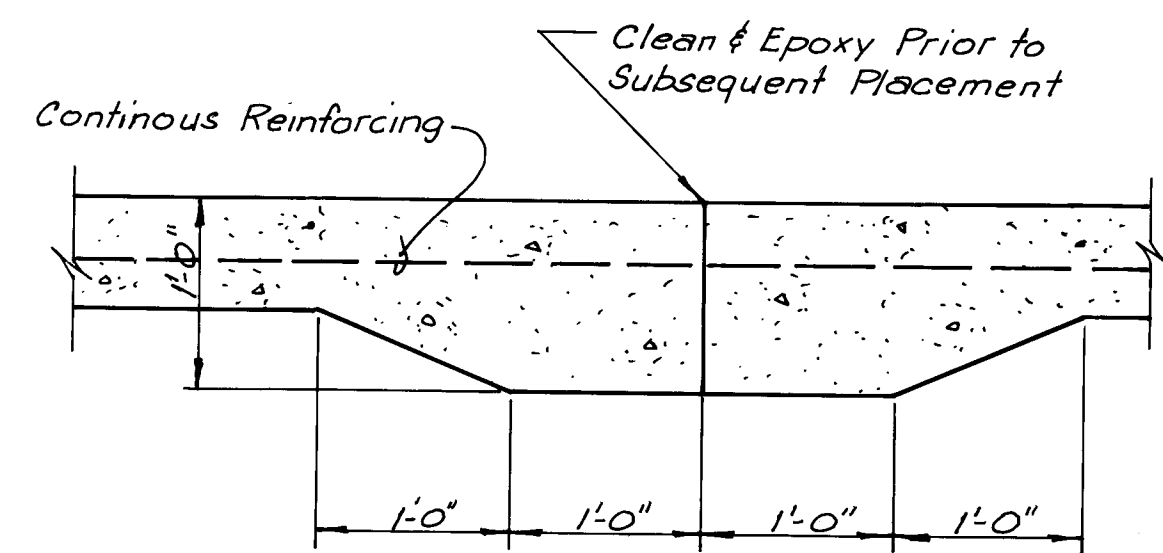
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>J. E. Esgaard</i>	4/5/84	Liquid Waste	<i>J. E. Esgaard</i>	4/5/84
ACE - Design			Traffic	<i>J. E. Esgaard</i>	4/5/84
ACE - Hydrology	<i>Jim Zwick</i>	4/5/84	Water	<i>J. E. Esgaard</i>	4/5/84
QA	<i>Chadman</i>	4/6/84			

DRAWING NO. 1938 MAP NO. E-20, E-21 SHEET 12 OF 15

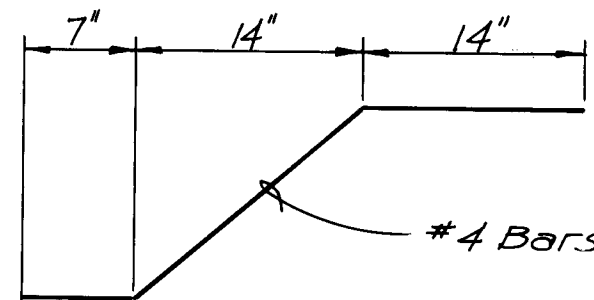
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACT	NO.	DATE
1515	F. SMITH	9/30/79	Grass Cap, Monument "2-E21" Located on South Boundary of Lot 26, Academy Estates, Unit 7, Tract A-1, 79.52' West of R.C. Elev. = 5011.59	1	9/30/79
1546	T. ALDRICH	5/12/80		2	5/12/80
1619	T. ALDRICH	7/11/83		3	7/11/83
1634	T. ALDRICH	12/18/83		4	12/18/83
1654	P. TURNER	9/25/84		5	9/25/84
1676	P. TURNER	4/16/85		6	4/16/85

ENGINEER'S SEAL
Walter J. Esgaard
MSM 45-84

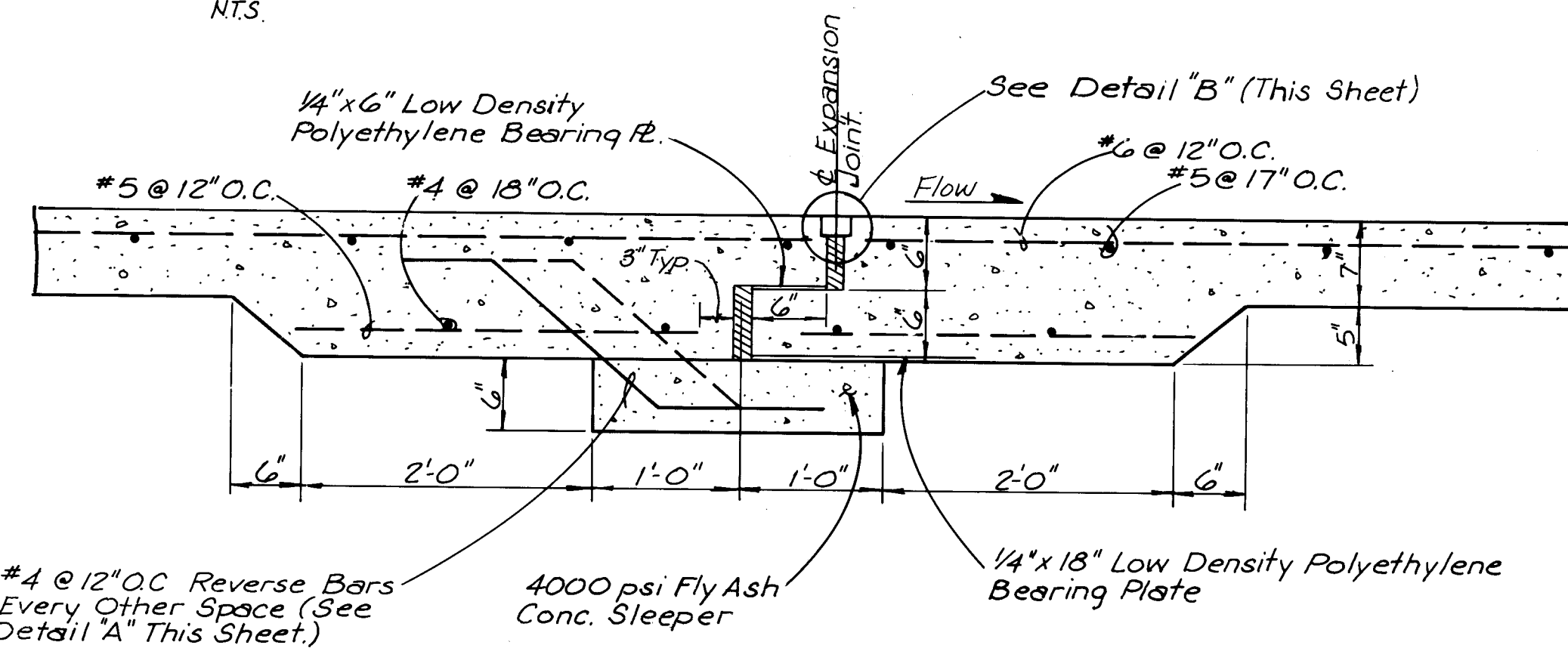
REVISIONS	DATE	BY
1	4/1/84	Esgaard
2	4/5/84	Esgaard
3	4/5/84	Esgaard
4	4/5/84	Esgaard
5	4/5/84	Esgaard
6	4/5/84	Esgaard
7	4/5/84	Esgaard
8	4/5/84	Esgaard
9	4/5/84	Esgaard
10	4/5/84	Esgaard
11	4/5/84	Esgaard
12	4/5/84	Esgaard



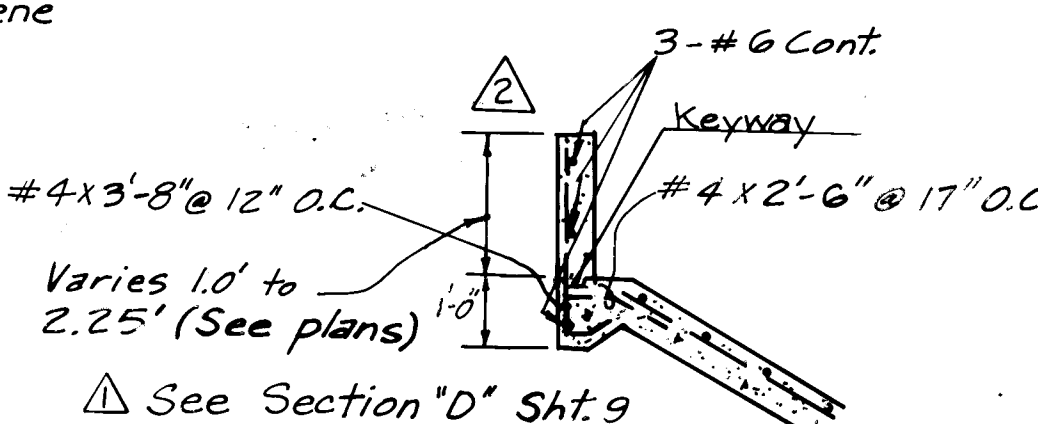
CONSTRUCTION JOINT
Scale: 1"=1'-0"



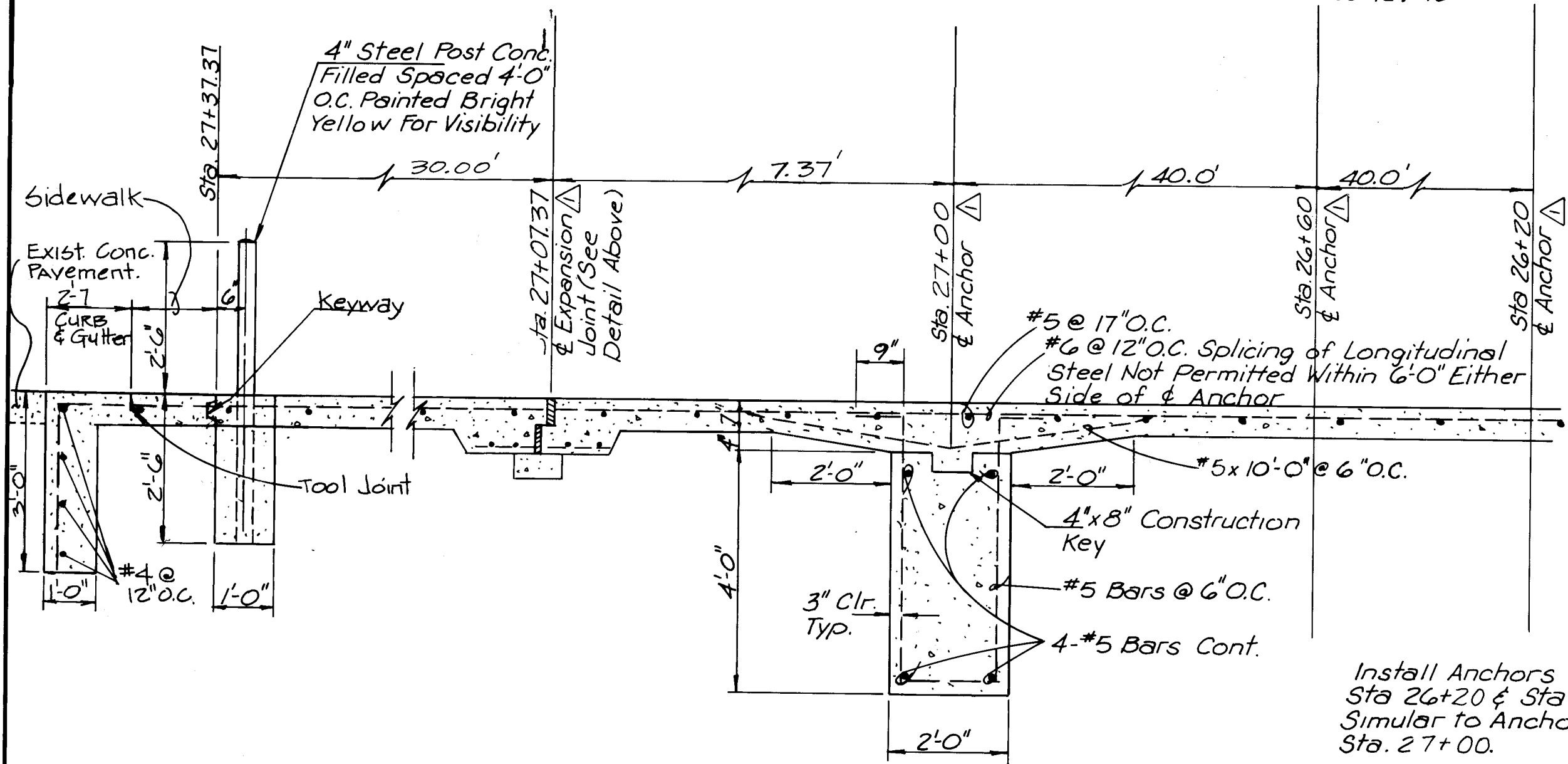
DETAIL A
N.T.S.



EXPANSION JOINT WITH CONCRETE SLEEPER
N.T.S.



Sta. 25+63 to Sta. 26+88 Lt.
LT. CUT-OFF WALL
Scale: 3/8"=1'-0"

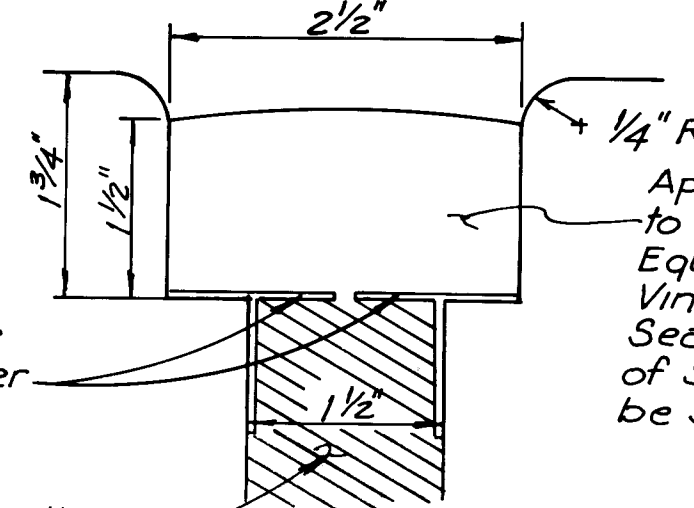


SECTION C
N.T.S.

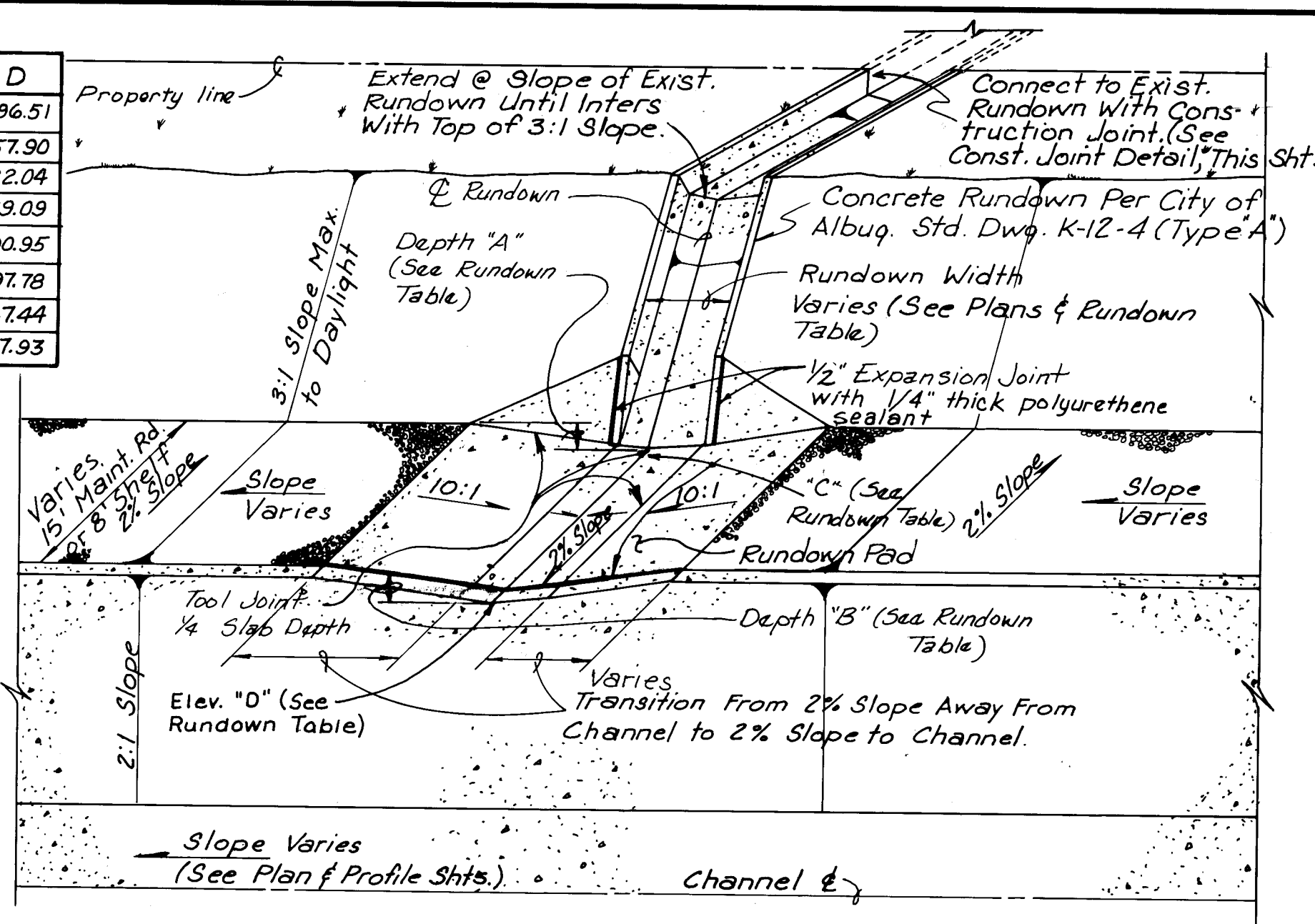
Install Anchors @ Sta. 26+20 & Sta. 26+60 Similar to Anchor @ Sta. 27+00.

Rundown Table					
Station	Street Name	Depth 'A'	Depth 'B'	Inside Width	C D
22+16.00	Annapolis Ct.	.83'	1.43'	19'	98.05 97.04 96.51
6+40.00	Layton Loop	.50'	1.10'	6'	58.76 58.43 57.90
16+06.95	Layton Ct.	.50'	1.10'	6'	62.55 62.70 62.04
19+29.05	Layton Pl.	.83'	1.43'	6'	60.05 60.24 59.09
20+38.79	Regal Ridge	.83'	1.43'	18.5'	93.96 91.80 90.95
22+54.63	Amigo Way	.83'	1.43'	8.5'	66.66 67.96 67.78
3+00 Rt.	Rundown Pad	.18'	0.5'	5'	49.07 47.47 47.44
3+25 Lt.	Rundown Pad	.10'	0.5'	5'	49.67 48.22 47.93

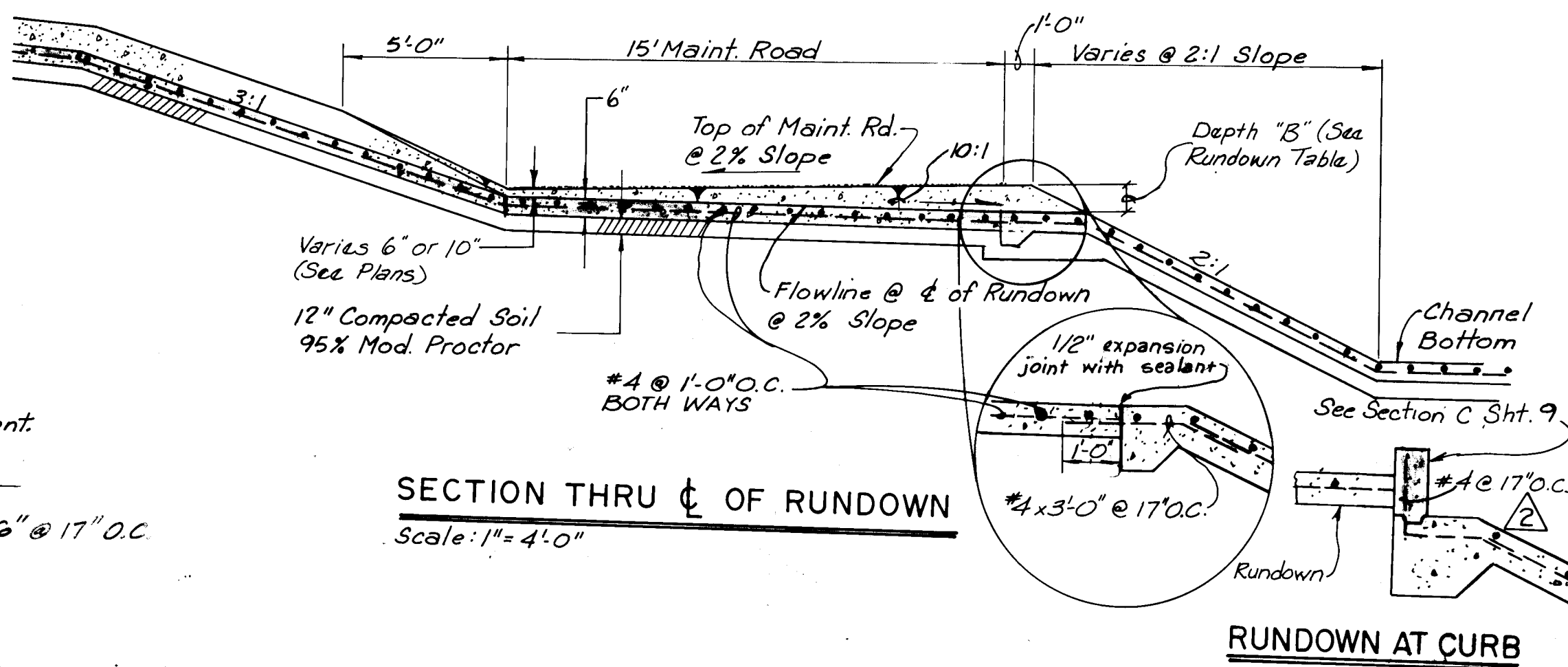
Field Verify Depth "A", & Inside Width



DETAIL B
N.T.S.

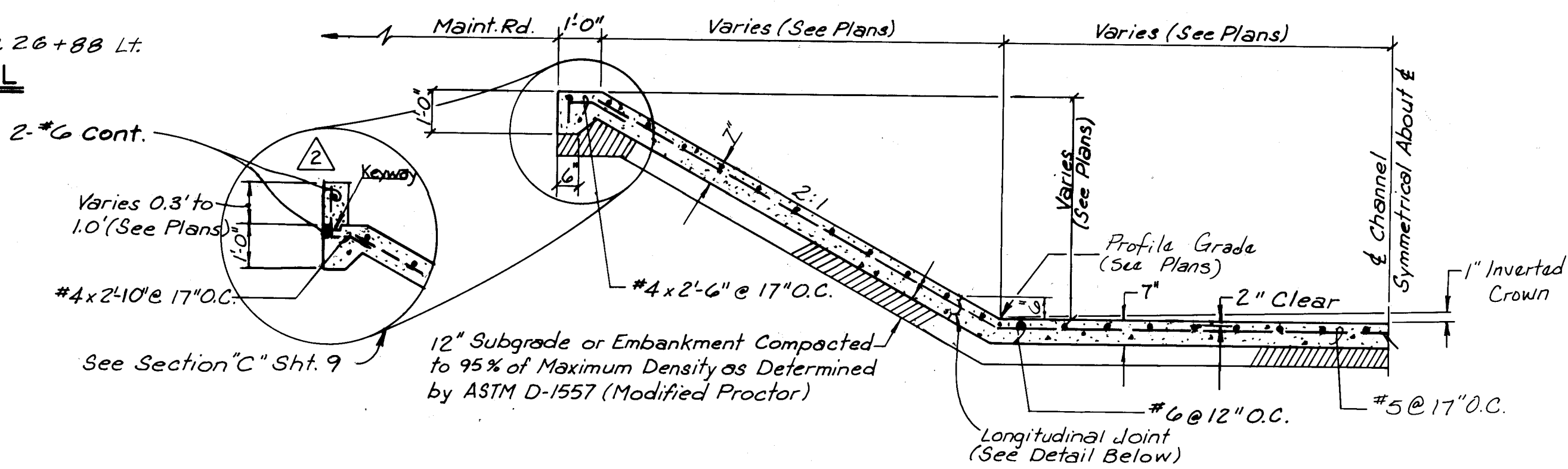


TYPICAL RUNDOWN AT MAINTENANCE ROAD & AT 8' SHELF
N.T.S.



SECTION THRU CL OF RUNDOWN
Scale: 1"=4'-0"

RUNDOWN AT CURB



TYPICAL CHANNEL LINING SECTION
Scale: 3/8"=1'-0"

Note: Longitudinal Joint Saw cut (1 3/4" min.) Polyurethane Seal is acceptable joint alternate.

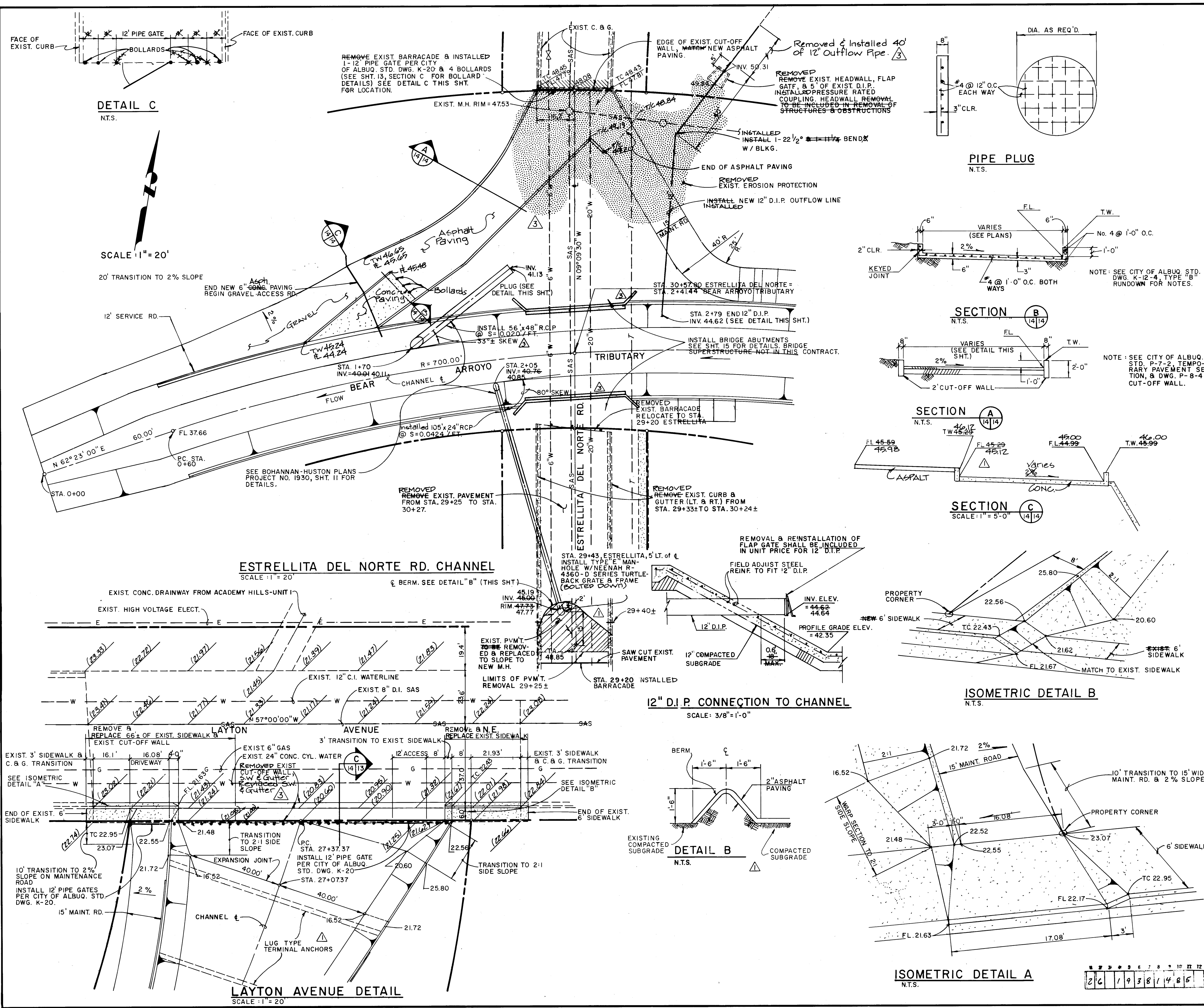
LONGITUDINAL JOINT
N.T.S.

- Notes:
- Concrete Shall be 3000 psi 28 Day Strength With Max. Aggregate Size of 3/4" as Stated in the Specifications.
 - All Steel Shall be Grade 60 Deformed Bars Unless Otherwise Noted.
 - Splices in Rebar Shall be 1'-0" or Greater For No. 3 & No. 4 Bars, 1'-3" for No. 5 Bars, & 1'-8" for No. 6 Bars.
 - All Steel Spacing is Given to the Centerline of the Bar.
 - All Exposed Edges Shall Have a 3/4" Chamfer.
 - All Tied Joints Exposed to Drainage Shall be Sealed with Polyurethane Per Manufacturers Recommendations.

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	BY	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.
BEARS CAP. MONUMENT "2-221" LOCATED ON SOUTH BOUNDARY OF LOT 26, ACADAMY ESTATES, UNIT 7, TRACT A-1, 79.5E W-1ST OF P.C.	3/30/79	F. SMITH	5/12/80	T. ALDRICH	1515	7/11/83	T. ALDRICH	1619	9/25/84	P. TURNER	1676
DESIGNED BY M.S.M./SP Group			DATE 10-20-83			DRAWN BY E.M.			CHECKED BY		
DESIGNED BY M.S.M./SP Group			DATE 10-20-83			DRAWN BY E.M.			CHECKED BY		
DESIGNED BY M.S.M./SP Group			DATE 10-20-83			DRAWN BY E.M.			CHECKED BY		

RECORD DRAWINGS
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CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BEAR ARROYO TRIBUTARY DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	E.M. Chapman	9/5/84	Liquid Waste	J.E. Edgeland	9/5/84
A.C.E. Design			Traffic	N.H. ...	4/5/84
A.C.E. -Hydrology	Jim Zick	9/5/84	Water	J.E. Edgeland	9/5/84
QA	M.S.M.	9/5/84			
DRAWING NO. 1938	MAP NO. E-20, E-21	SHEET 13 OF 15			



Notes:
1. A Transverse & Longitudinal Tool Joint Shall be Required in the Center of the Non-Continuously Reinf. Conc. Portion of Access Rd. Tool Joints Shall be 1/4 of the Slab Depth.

RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CITY OF ALBUQUERQUE DEPARTMENT OF PUBLIC WORKS, ENGINEERING DIVISION, INC. PROVIDING AS-BUILT INFORMATION ONLY REGARDING ELEVATIONS AND GEOMETRY OF ACTUAL CONSTRUCTION.

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION				
TITLE: BEAR ARROYO TRIBUTARY				
DETAILS				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	C. J. Chapman	4/5/84	Liquid Waste	J. E. Edgwood
A.C.E. Design			Traffic	
A.C.E.-Hydrology	Jim Fink	4/5/84	Water	Jim Fink
QA	Mike Moran	4/5/84		
DRAWING NO.	1938	MAP NO.	E20, E21	SHEET 14 OF 15

