

# LEGEND

## MATERIALS

CONCRETE  
RIP-RAP

## LINES

SUBDIVISION BOUNDARY  
PROPERTY LINE (PLAN)  
PROPERTY LINE (SECTION)  
CENTERLINE  
EASEMENT LINE  
MATCH LINE  
SECTION CUT LINE

## EARTHWORK

EXISTING NEW  
CONTOUR LINE  
SPOT ELEVATION  
PROJECT / PHASE BOUNDARY  
SWALE  
DIRECTION OF FLOW

## MISCELLANEOUS UTILITIES

GAS LINE  
UNDERGROUND TELEPHONE  
UNDERGROUND ELECTRICAL  
STORM DRAIN  
STORM DRAIN MANHOLE  
STORM DRAIN INLET

## SANITARY SEWER

SANITARY SEWER LINE  
SANITARY SEWER MANHOLE  
SAS SERVICE CONNECTIONS  
SAS CAP OR PLUG  
ENCASEMENT

## WATER

WATER LINE  
WATER SERVICE CONNECTIONS  
GATE VALVE  
FIRE HYDRANT  
BUTTERFLY VALVE  
REDUCER  
WATER PRESSURE ZONE BOUNDARY

## WATER FITTINGS

CAPS AND PLUGS  
ELBOW  
CROSS  
TEE

## MISCELLANEOUS

CHAINLINK FENCE  
FIELD FENCE  
COMMON YARD WALL  
RETAINING WALL  
POWER OR TELEPHONE POLE

# PHASES I & II CONSTRUCTION PLANS FOR PAVILIONS

ALBUQUERQUE, NEW MEXICO  
APRIL, 1989

### CAUTION:

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

### INDEX OF DRAWINGS

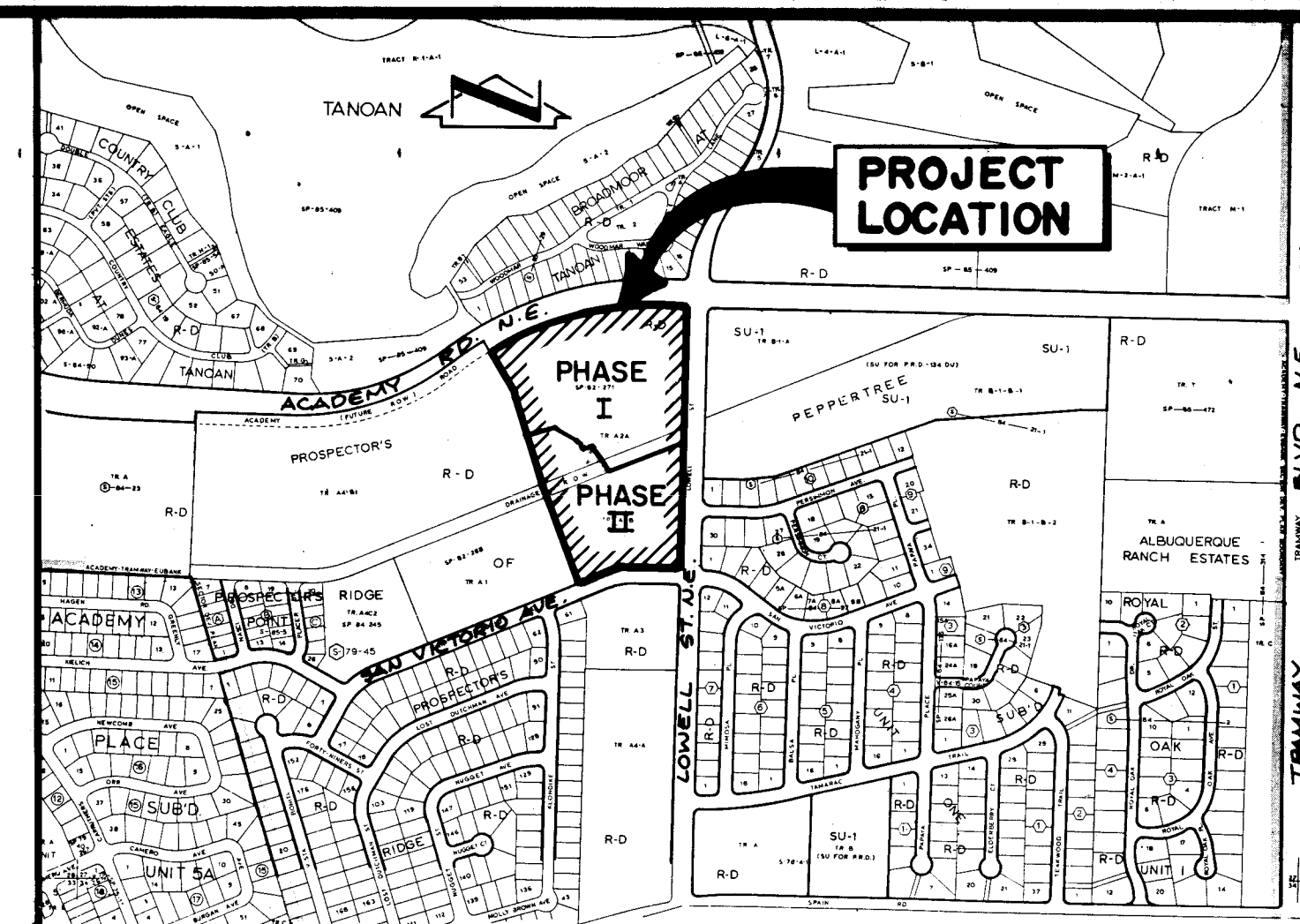
- COVER SHEET, GENERAL NOTES, VICINITY MAP, LEGEND AND INDEX OF DRAWINGS
- FINAL PLAT
- & 4. GRADING AND DRAINAGE PLAN
- EROSION CONTROL PLAN
- SITE PLAN
- PAVING IMPROVEMENTS PLAN AND PROFILE
- ACADEMY ROAD N.E., MEDIAN CUT AND TURNBAY, DECELERATION LANE, AND BUSBAY
- LOWELL STREET N.E., TURNBAY
- WATERLINE EXTENSION PLAN AND PROFILE
- LINE "A", STA 10+00 TO STA 15+20.25  
LINE "B", STA 10+00 TO STA 14+08.06
- LINE "A", STA 15+20.25 TO STA 23+74.09
- SECTIONS AND DETAILS
- WATER VALVE SHUT-OFF PLAN / TRAFFIC CONTROL PLAN

### PHASE I

I hereby certify that the sheets marked "RECORD DRAWING" for Job 3821 have been revised to reflect record information for water lines required by the City of Albuquerque's Development Process Manual. This information was obtained via field survey by Greiner, Inc. and notes supplied by the contractor. No notes by the Field Section of the City Engineer's Office were provided.

Thomas H. Wagner  
Greiner, Inc.  
Thomas H. Wagner  
N.M.P.L.S. No. 3517

J.M.A. JOB NO. 900651



### VICINITY MAP

SCALE: 1" = 800'

### GENERAL NOTES:

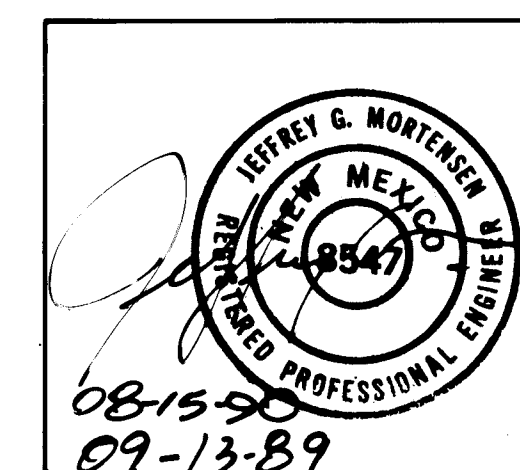
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986. (STANDARD SPECIFICATIONS)
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE "STANDARD SPECIFICATION".
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSIONED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES.

C of A PWD Maps & Records  
26 3821 10192

APPROVAL OF AS BUILT DRAWINGS  
CHIEF CONSTRUCTION ENGINEER  
DATE

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	6	9/12/89	9/12/89	9/12/89	9/12/89	9/12/89	9/12/89

### APPROVAL OF REVISIONS



JMA

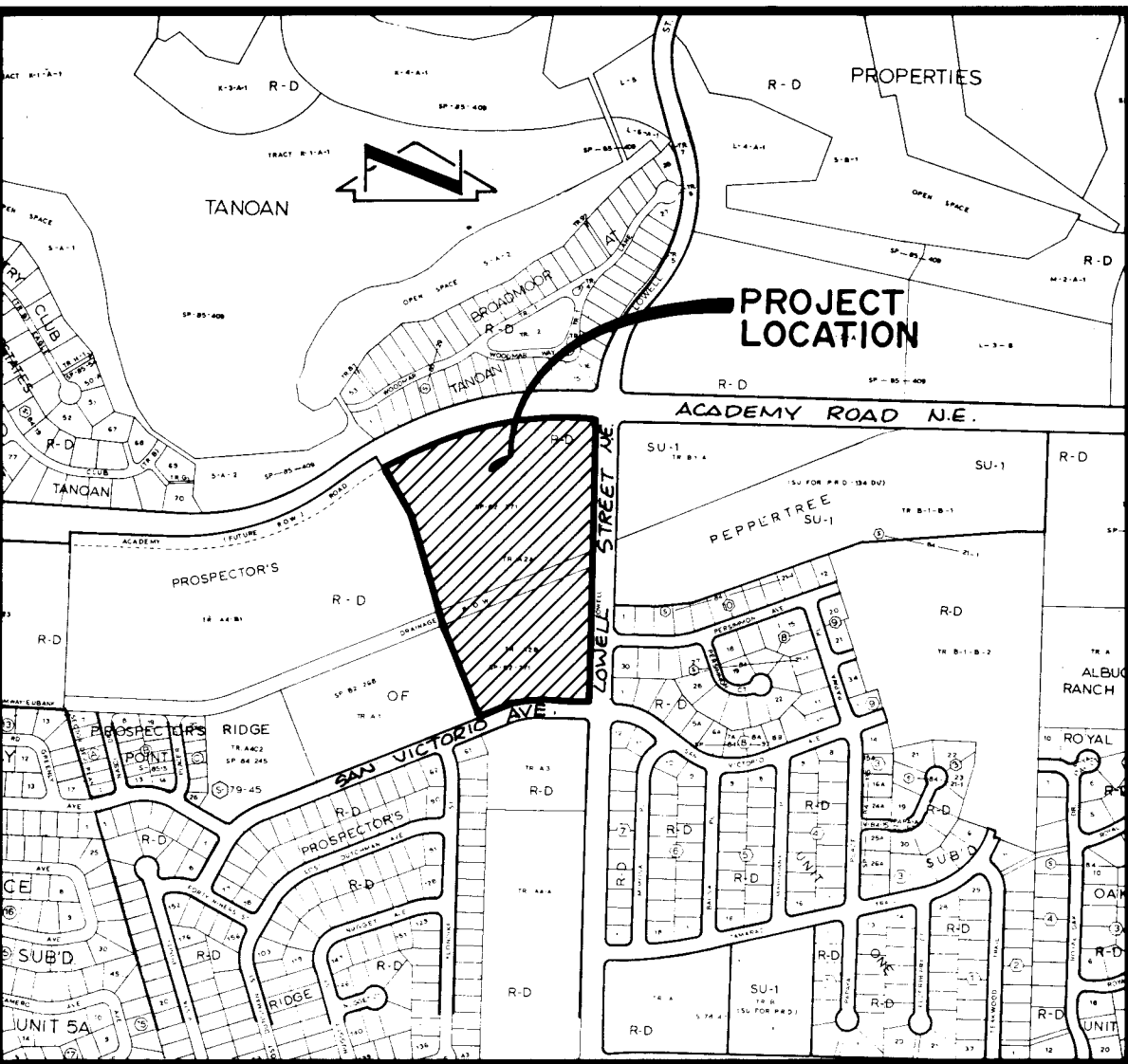
JEFF MORTENSEN & ASSOCIATES, INC.  
6010-B MIDWAY PARK BLVD. N.E.  
ALBUQUERQUE, N.M. 87109  
ENGINEERS & (505) 345-4250

### APPROVED FOR CONSTRUCTION

2-21-90 C.E.

3821

SHEET 1 OF 12



VICINITY MAP

SCALE: 1" = 800'

E-22

## Notes:

1. A field survey was performed in February, 1989; property corners were found on set as shown.
2. No street mileage was created.
3. All distances are ground distances.
4. Site located within Projected Section 27, T11N, R4E, N.M.P.M.
5. Bearings are grid bearings per plat of 'SUNWEST TRUSTEE TRACT' filed July 28, 1987, Book C34, Page 61.
6. The purpose of this plat is to dedicate the necessary public rights-of-way for a deceleration lane and busbay along Academy Road N.E. and grant public waterline easements within Tract A-1 & A-2.
7. The development of Tract A-2 will require the construction of a continuous public waterline (loop) extension to connect to San Victorio Avenue N.E. As part of this requirement, a continuous public waterline easement, 20 feet in width, running from the present easement to San Victorio, is hereby granted to facilitate said construction. The exact location of the easement shall be determined by subsequent instrument (plat or otherwise) or the location of the waterline, whichever occurs first.

LINE	BEARING	DISTANCE
L1	S 89°36'56" E	91.15
L2	S 67°05'21" W	106.39
L3	N 53°57'41" E	27.63
L4	DELETED	
L5	S 2°53'43" E	6.92
L6	N 87°06'17" E	15.00
L7	N 2°53'43" W	7.00
L8	DELETED	
L9	N 10°22'52" E	32.82
L10	S 82°15'25" W	54.80
L11	N 83°22'52" E	33.00
L12	N 72°07'52" E	43.14
L13	S 39°52'52" W	29.70
L14	N 39°52'52" E	36.93
L15	S 62°45'10" E	31.00
L16	N 45°18'17" W	31.00
L17	N 40°50'54" W	23.00
L18	S 77°52'52" W	48.00
L19	S 22°54'39" E	25.00
L20	DELETED	
L21	N 17°52'08" W	10.00
L22	N 50°07'08" W	21.90
L23	N 50°07'08" W	5.00
L24	N 12°07'08" W	24.96

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	39.09	89°34'37"	25.00	35.22	S 44°49'37" E	24.82
C2	39.27	90°00'00"	25.00	35.36	S 44°57'41" W	25.00
C3	190.11	22°52'20"	376.03	148.11	S 73°31'31" W	76.07
C4	79.71	15°44'53"	290.00	79.46	N 74°55'31" E	40.11
C5	31.17	11°09'42"	160.00	31.12	N 77°13'07" E	15.63
C6	22.61	9°03'28"	143.00	22.58	S 80°58'25" E	11.33
C7	18.43	18°31'50"	57.00	18.35	S 85°42'36" E	9.30
C8	34.75	1°27'10"	1370.39	34.74	N 85°45'04" E	17.37
C9	18.43	18°31'50"	57.00	18.35	N 77°50'22" E	9.30
C10	35.00	4°27'23"	450.00	34.99	N 45°55'24" E	17.51
C11	20.19	2°34'15"	450.00	20.19	N 50°26'13" E	10.10
C12	41.00	1°43'05"	1367.39	41.00	N 78°19'16" E	20.50
C13	22.61	9°03'28"	143.00	22.58	N 73°06'11" E	11.33

PLAT OF  
TRACTS A-1 & A-2,  
SUNWEST TRUSTEE TRACT  
ALBUQUERQUE, NEW MEXICO  
NOVEMBER, 1989

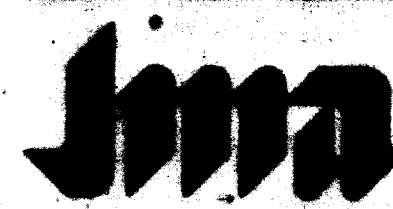
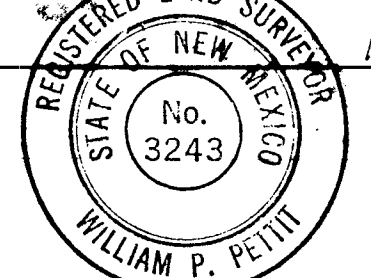
DEDICATION AND FREE CONSENT  
The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby dedicate the public rights-of-way and grant the easements shown hereon including the rights of ingress and egress and the right to trim interfering trees.

R. G. KELLY, VICE-PRESIDENT & TRUST OFFICER,  
SUNWEST BANK OF ALBUQUERQUE, N.A.  
ACKNOWLEDGEMENT  
STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) SS  
The foregoing instrument was acknowledged before me this 4th day of December, 1989.  
Notary Public

APPROVALS: DRB-89-190  
1. Jack Clark 12-28-89  
Planning Director, City of Albuquerque, N.M.  
2. William P. Pettit 12-12-89  
Utility Development, City of Albuquerque, N.M.  
3. Frank J. Cigueni 12/12/89  
City Engineer, City of Albuquerque, N.M.  
4. Frank J. Cigueni 12/12/89  
A.M.A.F.C.A., City of Albuquerque, N.M.  
5. Robert P. Danks 12/12/89  
Traffic Engineer, City of Albuquerque, N.M.  
6. William P. Pettit 12-12-89  
Park & Recreation, City of Albuquerque, N.M.  
7. William P. Pettit 12/5/89  
Chief City Surveyor, City of Albuquerque, N.M.  
8. John P. Hancio 12-12-89  
Property Manager, City of Albuquerque, N.M.

CERTIFICATION  
I, William P. Pettit, a registered Professional Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision; shows all easements noted in a title report prepared by First American Title Insurance Company on July 15, 1988 GF NO. 60449.PUUL (KC); meets the minimum requirements of monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and correct to the best of my knowledge and belief.

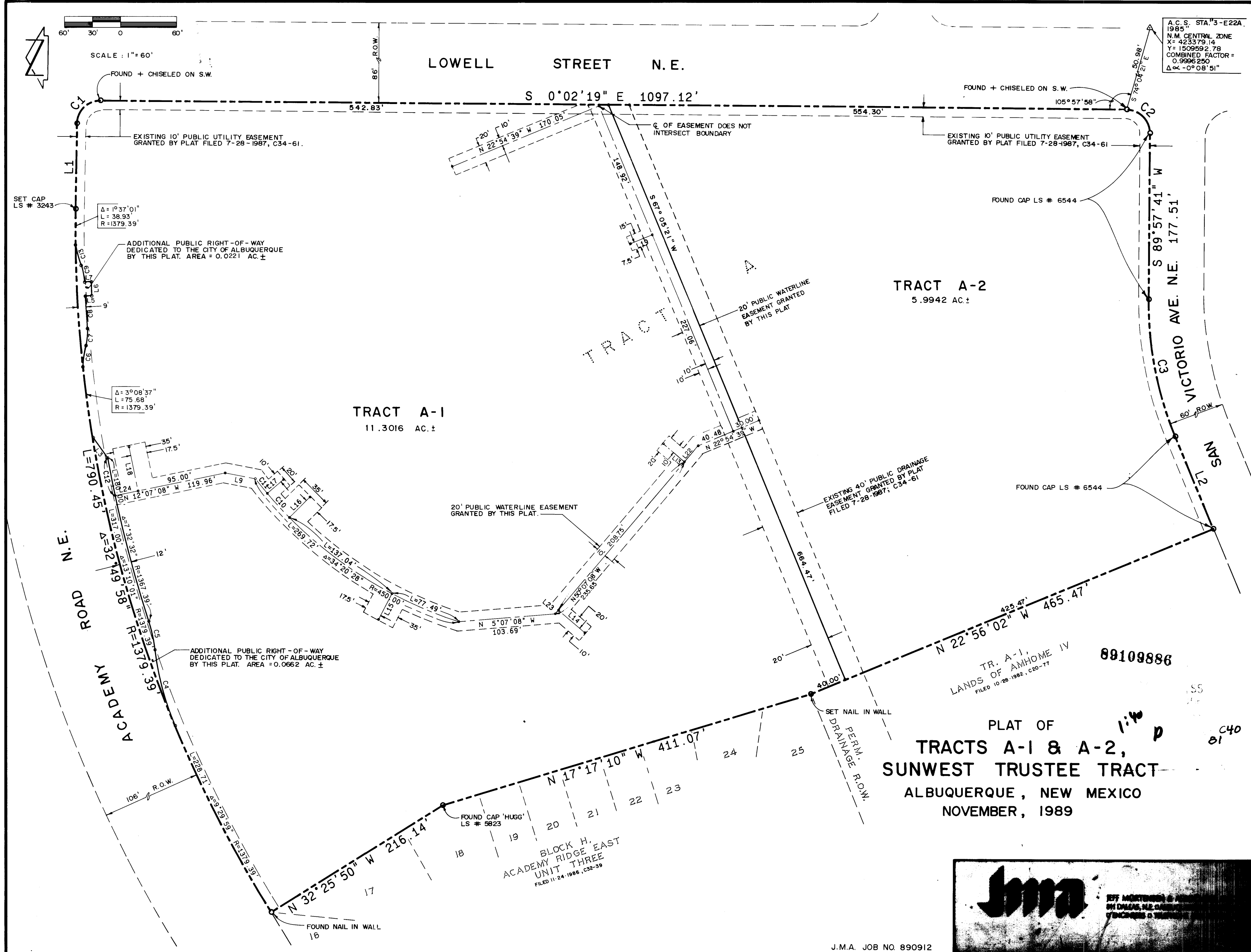
William P. Pettit  
William P. Pettit, N.M.P.S. No. 3243



OFFICE OF THE CITY ENGINEER  
ALBUQUERQUE, NEW MEXICO  
505-255-2200

J.M.A. JOB NO. 890912

SHEET 1 OF 2



TRACT A-2  
5.9942 AC.

TRACT A-1  
11.3016 AC.

PLAT OF  
TRACTS A-1 & A-2,  
SUNWEST TRUSTEE TRACT  
ALBUQUERQUE, NEW MEXICO  
NOVEMBER, 1989



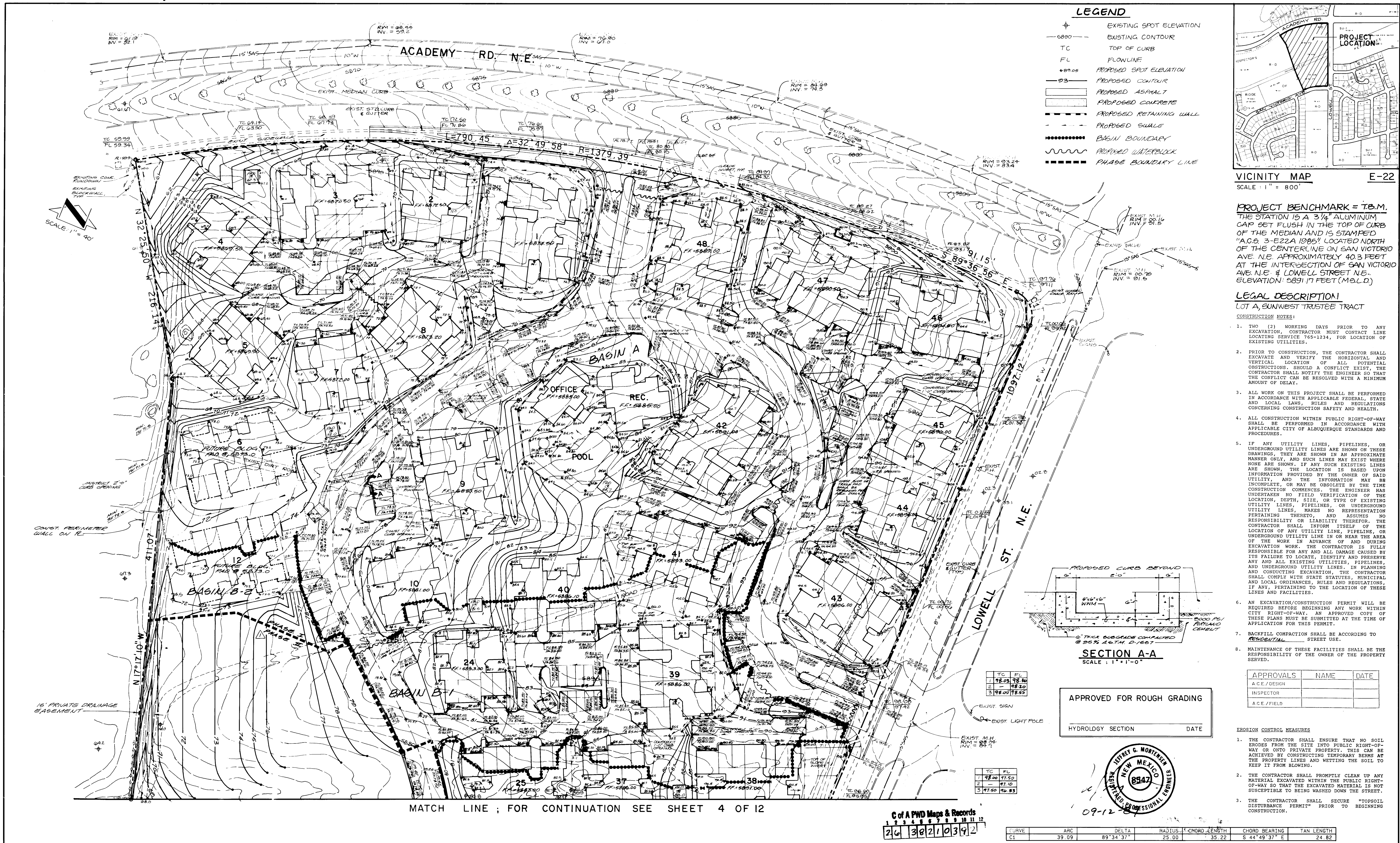
OFFICE OF THE CITY ENGINEER  
ALBUQUERQUE, NEW MEXICO  
505-255-2200

J.M.A. JOB NO. 890912

SHEET 2 OF 2

SHEET 2 OF 12  
3821





JEFF MORTENSEN & ASSOCIATES, INC.  
811 DALLAS, N.E. ALBUQUERQUE, NM 87110  
ENGINEERS & TELEPHONE (505) 265-5611

GRADING AND DRAINAGE PLAN  
PAVILIONS - PHASE I

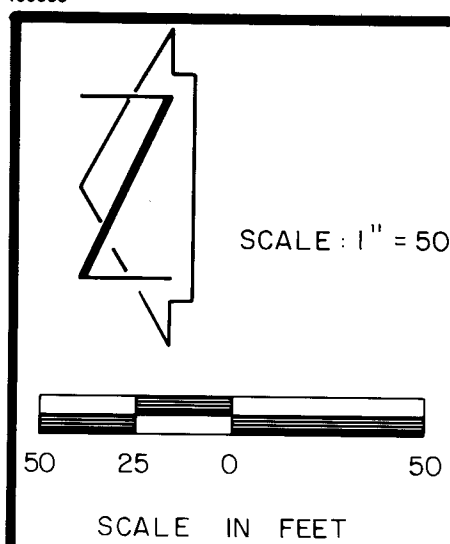
C of A PWD Maps & Records  
26 38 21 03 9 2

DESIGN BY	J. G. M.	No.	Date	By	Revision	JOB NO.
DRAWN BY	J. M. A.	1	8/89	J. G. M.	PHASING	8 - 1989
APPROVED BY	J. G. M.	2				SHEET OF



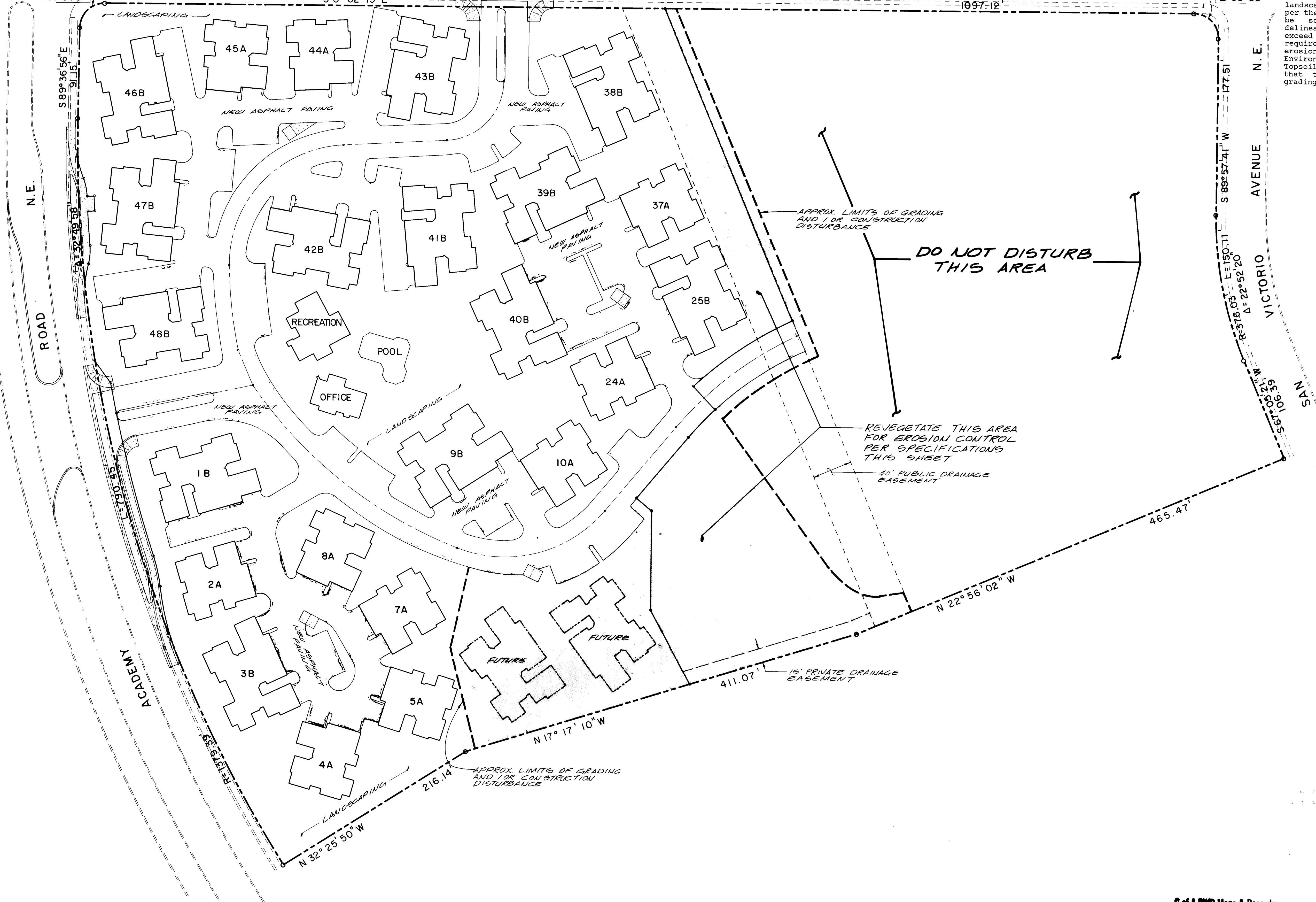






R=25.00'  
L=39.09'  
Δ=89°34'37"

R=25.00'  
L=39.27'  
Δ=90°00'



EROSION CONTROL PLAN

The erosion control plan for Pavilions - Phase I shall consist of revegetation with native grasses. According to the specifications and requirements which appear below, all areas disturbed by grading and/or other construction activity must be seeded in accordance with the requirements listed. This shall not only apply to the rough grading operations, but any subsequent disturbance of reseeded areas. The remainder of the site will be developed with buildings, landscaping, and paving. The majority of the landscaping, per the landscaping plan prepared by Hilltop Landscaping will be sod. Areas to receive the revegetation have been delineated on the adjacent plan. If the disturbance limits exceed those shown on this plan, the contractor will be required to increase the area of revegetation. Interim erosion control will be handled by the City of Albuquerque Environmental Health Department through the issuance of a Topsoil Disturbance Permit. This plan does, however, require that the revegetation occur immediately after the rough grading of the site is complete.

VEGETATION FOR EROSION CONTROL

ALL AREAS DISTURBED BY GRADING AND/OR OTHER CONSTRUCTION ACTIVITY SHALL BE SEEDED FOR EROSION CONTROL IMMEDIATELY FOLLOWING THE COMPLETION OF ROUGH GRADING AND ALL SUBSEQUENT DISTURBANCE. THE FOLLOWING SPECIFICATIONS SHALL APPLY.

Species	Pure Live Seed (lbs/acre)*
Annual Rye Grass	8.0
Giant Dropseed	2.0
Sand Dropseed	1.0
Indian Ricegrass	4.0
Sideoats Grama	6.0
Total:	21.0

\* Rates apply to drilled seed. Double rates listed if seed is broadcast.

2. SEED APPLICATION:

- Flat areas - cultivate area to produce an acceptable, friable seed bed, then drill seed to a depth of 1/4 to 1/2 inches.
- Slopes 3:1 or greater - hand broadcast and cultivate into top 1/4 to 1/2 inch of soil.

3. FERTILIZER:

16-20-0 @ 200 lbs. per acre applied simultaneously with seed.

4. MULCH:

5,000 lbs. hay mulch per acre. Hay mulch shall be crimped into the soil so as not to exceed 2 inches in depth.

5. WATERING SCHEDULE:

CONTRACTOR shall maintain a wet seed bed for a period of at least 6 weeks following seeding.



09-13-89

C of A PWD Maps & Records  
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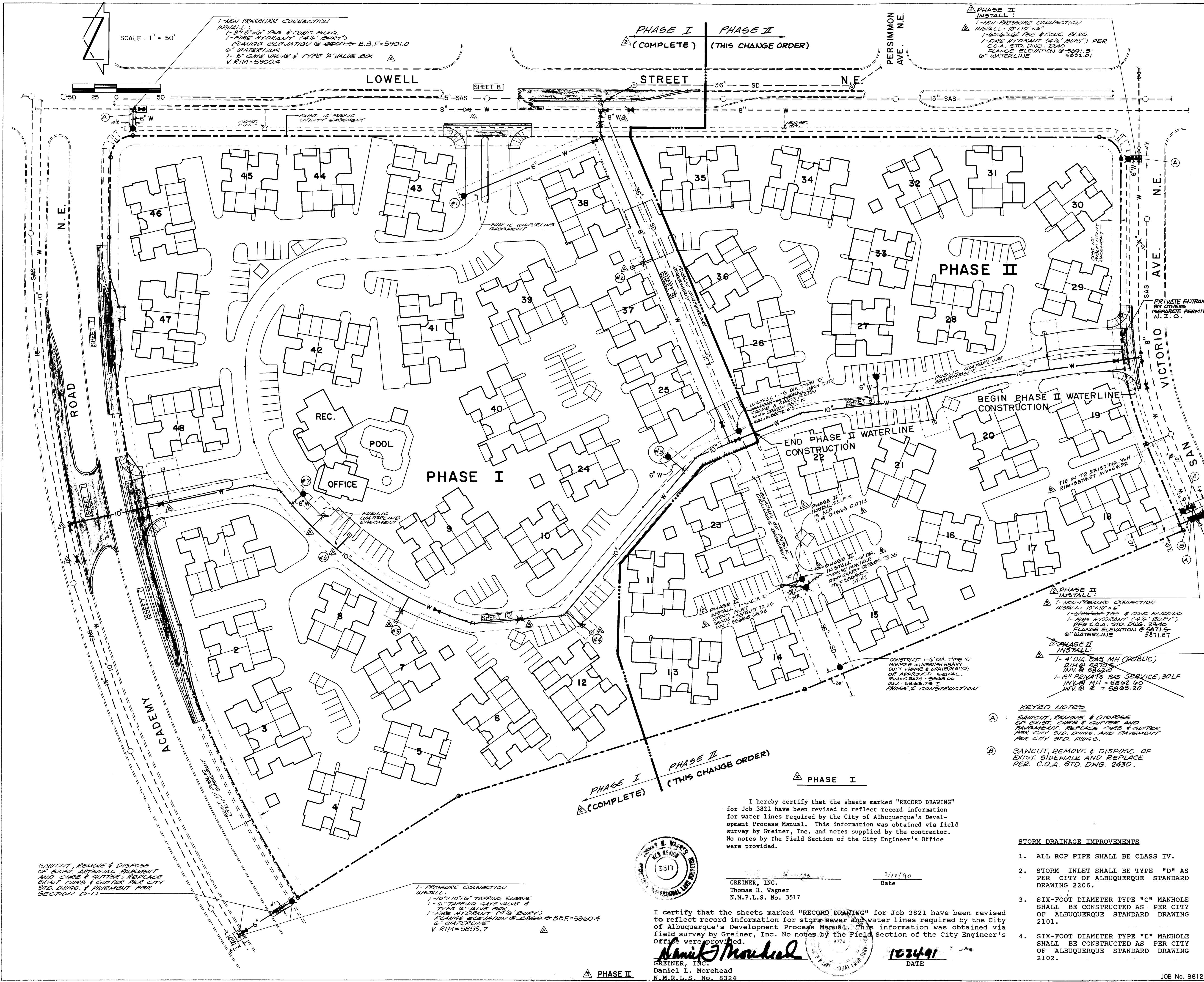


JEFF MORTENSEN & ASSOCIATES, INC.  
811 DALLAS, N.E. ALBUQUERQUE, NM 87110  
ENGINEERS & TELEPHONE (505) 265-5611

EROSION CONTROL PLAN  
PAVILIONS - PHASE I

DESIGNED BY	NO.	DATE	BY	REVISIONS	JOB NO.
J.G.M.					890911
DRAWN BY					DATE
C.V.M.					9 - 1989
APPROVED BY					SHEET
J.G.M.					OF





### WATER DISTRIBUTION SYSTEM

- ALL STATIONING IS BASED ON EASEMENT CENTERLINE.
- WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
- ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- FOR CONNECTIONS TO THE EXISTING WATERLINES, SEE WATER VALVE SHUTOFF PLAN, SHEET 11.
- THE 4" WATER SERVICES, METER PITS AND WATER METERS SHALL BE INSTALLED BY THE CITY OF ALBUQUERQUE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF THIS INSTALLATION INCLUDING ANY PREPARATORY WORK. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

### STREET PAVING IMPROVEMENTS

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON BASELINE STATIONING UNLESS OTHERWISE NOTED.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
- WHERE WATER METER BOXES ARE ENCOUNTERED WITHIN THE PROPOSED PROJECT AREA, THE WATER METER BOXES SHALL BE RELOCATED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD DRAWING 2460.
- ALL WATER VALVE BOXES, WATER METER BOXES AND MANHOLES ENCOUNTERED WITHIN THE PROPOSED PROJECT AREA SHALL BE ADJUSTED TO FINISH GRADE.
- THE EXISTING MEDIAN ON ACADEMY ROAD N.E. IS LANDSCAPED AND IRRIGATED BY AN UNDERGROUND SPRINKLER SYSTEM. THE MEDIAN CUT AND TURNBACK CONSTRUCTION WILL REQUIRE THE REMOVAL, DISPOSAL AND RESTORATION OF THE LANDSCAPING IMPROVEMENTS. LINES FALLING WITHIN THE MEDIAN CUT MUST BE LOWERED WITH EXISTING SPRINKLER HEADS REMOVED AND CAPPED WITHIN THE AFFECTED AREA. THE CONTRACTOR SHALL CONTACT PARK MANAGEMENT (823-4062), TWO (2) WEEKS IN ADVANCE OF ANY WORK THAT WILL AFFECT THE LANDSCAPING IN ACADEMY ROAD N.E.
- THE MEDIAN NOSES ON ACADEMY ROAD N.E. MUST BE CONCRETE MEDIAN CURB; THE TURN BACK CURB CAN BE 6" EXTRUDED ASPHALT CURB IN LIEU OF CONCRETE.
- ALL NEW PAVEMENT MARKINGS WILL BE REQUIRED COMPLETED BY THE CONTRACTOR.
- CONTRACTOR SHALL RESTORE ANY TRAFFIC CONTROL DEVICE AND CONDUIT IF AFFECTED BY CONSTRUCTION.

### STORM DRAINAGE IMPROVEMENTS

- ALL RCP PIPE SHALL BE CLASS IV.
- STORM INLET SHALL BE TYPE "D" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2206.
- SIX-FOOT DIAMETER TYPE "C" MANHOLE SHALL BE CONSTRUCTED AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2101.
- SIX-FOOT DIAMETER TYPE "E" MANHOLE SHALL BE CONSTRUCTED AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102.

### KEYED NOTES

(A) SAWCUT, RAUNING & DISPOSE OF EXIST. CURBS & GUTTER AND PAVEMENT. REPLACE CURB & GUTTER PER CITY STD. DWS. AND PAVEMENT PER CITY STD. DWS.

(B) SAWCUT, REMOVE & DISPOSE OF EXIST. SIDEWALK AND REPLACE PER C.O.A. STD. DWS. 2430.

### C of A PWD Maps & Records

1	2	3	4	5	6	7	8	9	10	11	12

### REVISIONS

NO.	DATE	REVISIONS
1	8/14/90	ADD PHASE II
2	7/16/90	ADDED ADDITIONAL EASEMENTS
3	7/16/90	ADDED AS-BUILT INFO FOR WATERLINE
4	12/23/91	ADDED STORM & WATERLINE FIELD AS-BUILT

### DESIGN

DESIGNED BY	C.C.G. J.G.M.	DATE	4-89
DRAWN BY	J.M.A.	DATE	4-89
CHECKED BY	J.G.M.	DATE	4-89

### AS BUILT INFORMATION

CONTRACTOR: GREINER, INC. DATE: 7/90  
INSPECTION: DATE: 7/90  
ACCEPTANCE: DATE: 7/90

### ENGINEER'S SEAL

ALBUQUERQUE, NEW MEXICO  
REGISTERED PROFESSIONAL ENGINEER  
NO. 3511  
DATE: 07-13-89

### CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: PAVILIONS  
SITE PLAN & STORM DRAIN CONNECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	9-15-89				
Trans. Dev.	7-2-89				
Utility Dev.	5/10/89				

DRAWING NO. 3821 MAP NO. E-22 SHEET 6 OF 12

13587

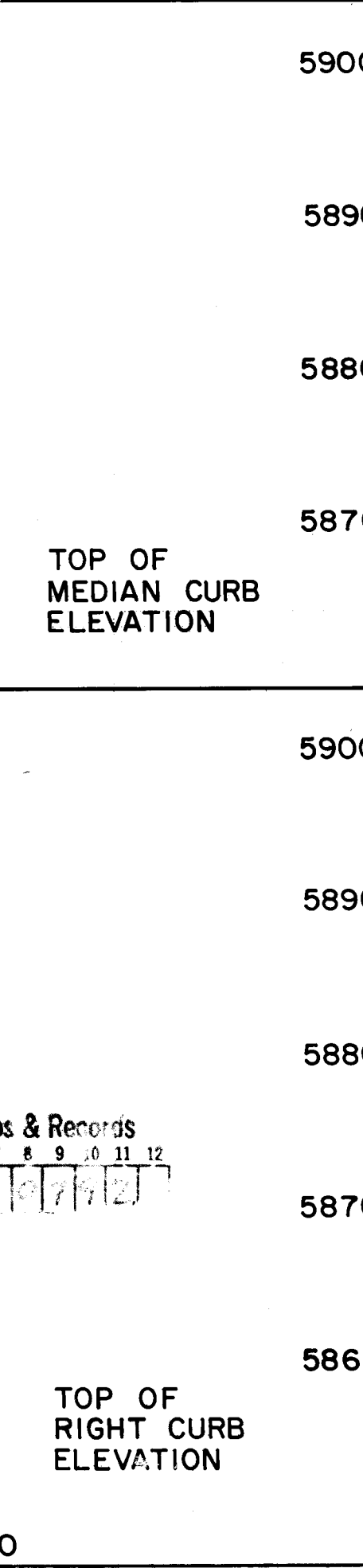


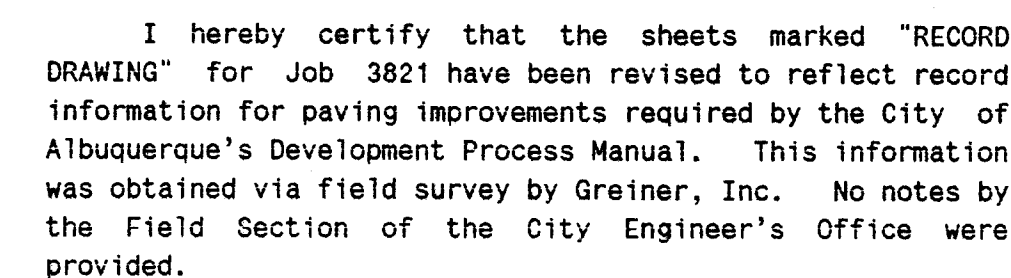
I hereby certify that the sheets marked "RECORD DRAWING" for Job 3821 have been revised to reflect record information for developing improvements required by the City of Albuquerque's Pavement Process Manual. This information was obtained via field survey by Greiner, Inc. No notes by the Field Section of the City Engineer's Office were provided.

THOMAS E. HARKER  
PROF. ENGINEER  
3511

7/25/  
Date

HORIZONTAL SCALE : 1" = 40'  
VERTICAL SCALE : 1" = 10'





7/25/90  
Date



STREET PAVING IMPROVEMENTS

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON BASELINE STATIONING UNLESS OTHERWISE NOTED.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURBS AND GUTTERS SHALL BE REMOVED AND NOT BE SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
4. WHERE WATER METER BOXES ARE ENCOUNTERED WITHIN THE PROPOSED PROJECT AREA, THE WATER METER BOXES SHALL BE RELOCATED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD DRAWING 2460.
5. ALL WATER VALVE BOXES, WATER METER BOXES AND MANHOLES ENCOUNTERED WITHIN THE PROPOSED PROJECT AREA SHALL BE ADJUSTED TO FINISH GRADE.
6. THE EXISTING MEDIAN ON ACADEMY ROAD N.E. IS LANDSCAPED AND IRRIGATED BY AN UNDERGROUND SPRINKLER SYSTEM. THE MEDIAN CUT AND TURNBACK CONSTRUCTION WILL REQUIRE THE REMOVAL, DISPOSAL AND RESTORATION OF THE LANDSCAPING IMPROVEMENTS. LINES FALLING WITHIN THE MEDIAN CUT MUST BE REMOVED WITH EXISTING SPRINKLER HEADS REMOVED AND CAPPED WITHIN THE AFFECTED AREA. THE CONTRACTOR SHALL CONTACT PARK MANAGEMENT (823-4062), TWO (2) WEEKS IN ADVANCE OF ANY WORK THAT WILL AFFECT THE LANDSCAPING IN ACADEMY ROAD N.E.
7. THE MEDIAN NOSES ON ACADEMY ROAD N.E. MUST BE CONCRETE MEDIAN CURB; THE TURN BACK CURB CAN BE 6" EXTRUDED ASPHALT CURB IN LIEU OF CONCRETE.
8. ALL NEW PAVEMENT MARKINGS WILL BE REQUIRED COMPLETED BY THE CONTRACTOR.
9. CONTRACTOR SHALL RESTORE ANY TRAFFIC CONTROL DEVICE AND CONDUIT IF AFFECTED BY CONSTRUCTION.

HORIZONTAL SCALE : 1" = 40'  
VERTICAL SCALE : 1" = 10'

[illegible]

0 C of A PWD Maps & Records

1	2	3	4	5	6	7	8	9	10	11	12
2	6	5	8	2	1	0	8	7	2		

CURB CURVE DATA

	CURVE	DELTA	R	L
(1	16°30'39"	150.00'	43.23	
(2	16°30'39"	150.00'	43.23	
3	180°00'00"	2.00'	6.28	

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE PAVILIONS -PAVING IMPROVEMENTS PLAN & PROFILE  
LOWELL ST. N.E. TURNBAY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Robert Green</i>	9-15-89			
Trans. Dev.	<i>RHO</i>	7-20-89			
Utility Dev.	<i>RHO</i>	8-10-89			

DRAWING NO.	3821	MAP NO.	E-22	SHEET	8	OF	12
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10284

### PHASE II

I certify that the sheets marked "RECORD DRAWING" for Job 3821 have been revised to reflect record information for water lines required by the City of Albuquerque's Development Process Manual. This information was obtained via field survey by Greiner, Inc. No notes by the Field Section of the City Engineer's office were provided.

*Daniel L. Morehead*  
GREINER, INC.  
Daniel L. Morehead  
N.M.P.L.S. No. 8324

12-24-91  
DATE

### PHASE I

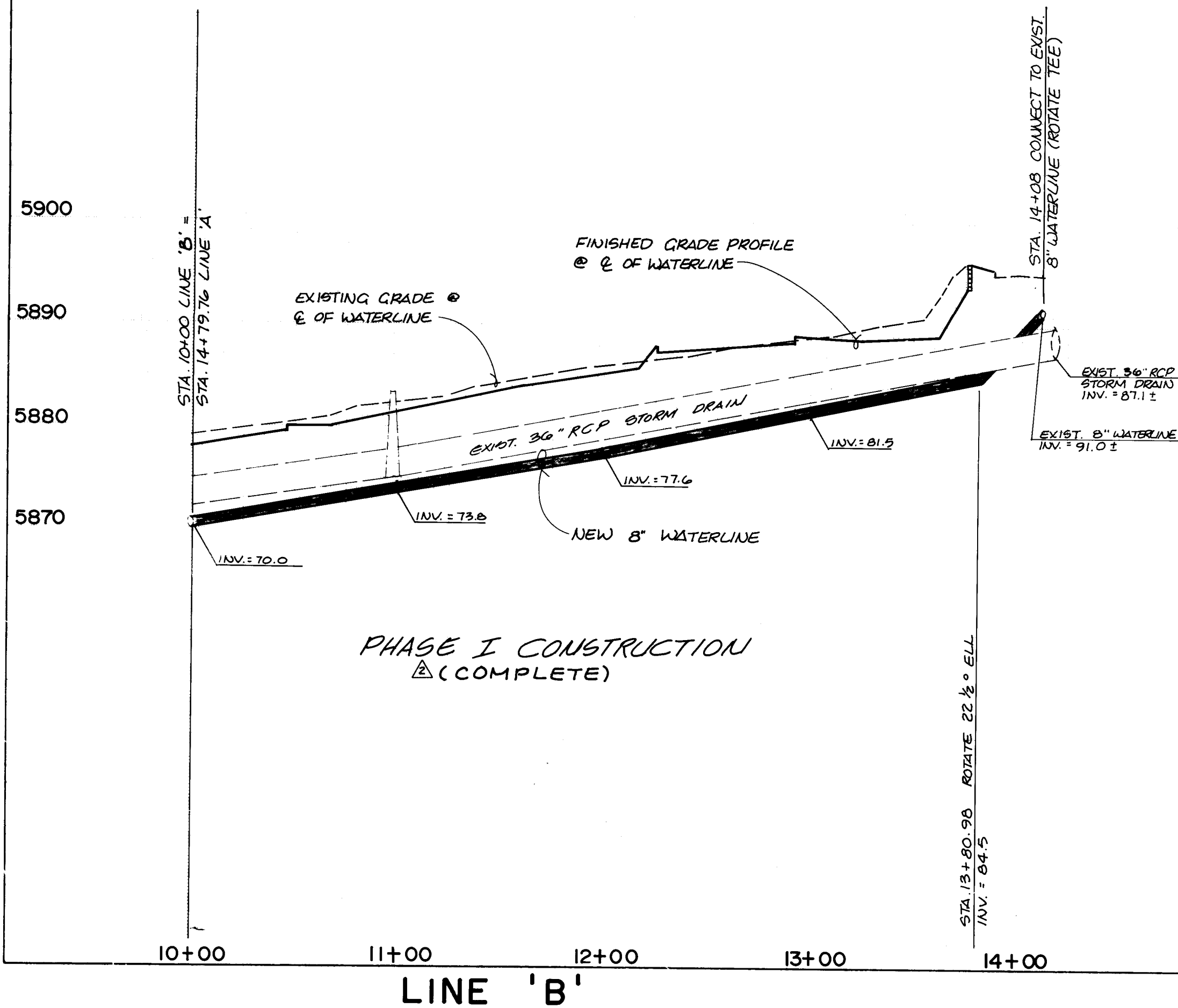
I hereby certify that the sheets marked "RECORD DRAWING" for Job 3821 have been revised to reflect record information for water lines required by the City of Albuquerque's Development Process Manual. This information was obtained via field survey by Greiner, Inc. and notes supplied by the contractor. No notes by the Field Section of the City Engineer's Office were provided.

*Thomas H. Wagner*  
GREINER, INC.  
Thomas H. Wagner  
N.M.P.L.S. No. 3517

7/17/90  
Date

LINE 'B'

LINE 'A'



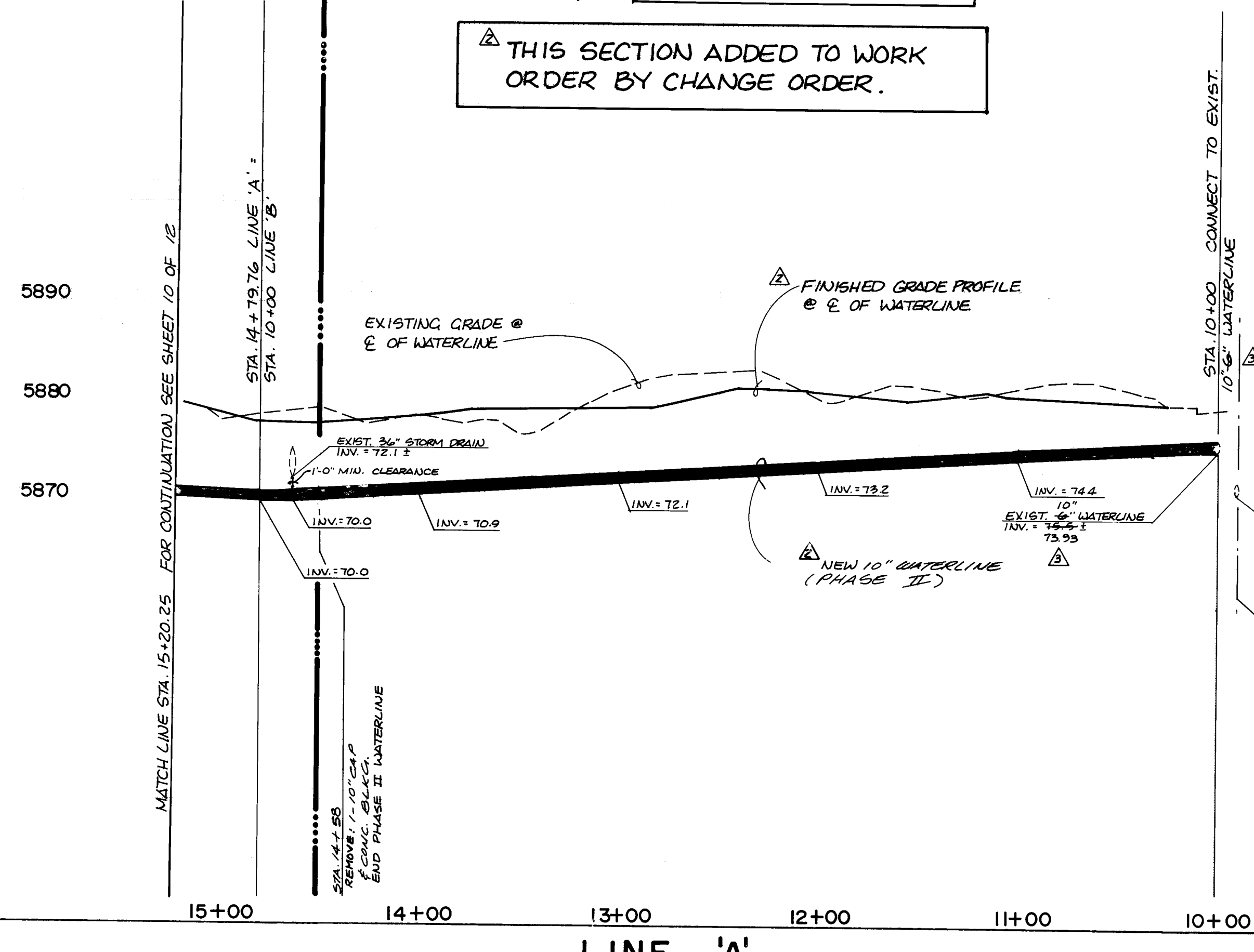
PHASE I CONSTRUCTION  
(COMPLETE)

PHASE I  
(COMPLETE)

PHASE II  
CONSTRUCTION  
(THIS CHANGE ORDER)

PHASE II  
STA. 14+50 (1 RT.)  
1" NON-PRESSURE CONNECTION  
REMOVE 1" 10" CAP & CONC. BLKG.  
END PHASE II WATERLINE

THIS SECTION ADDED TO WORK  
ORDER BY CHANGE ORDER.



LINE 'A'

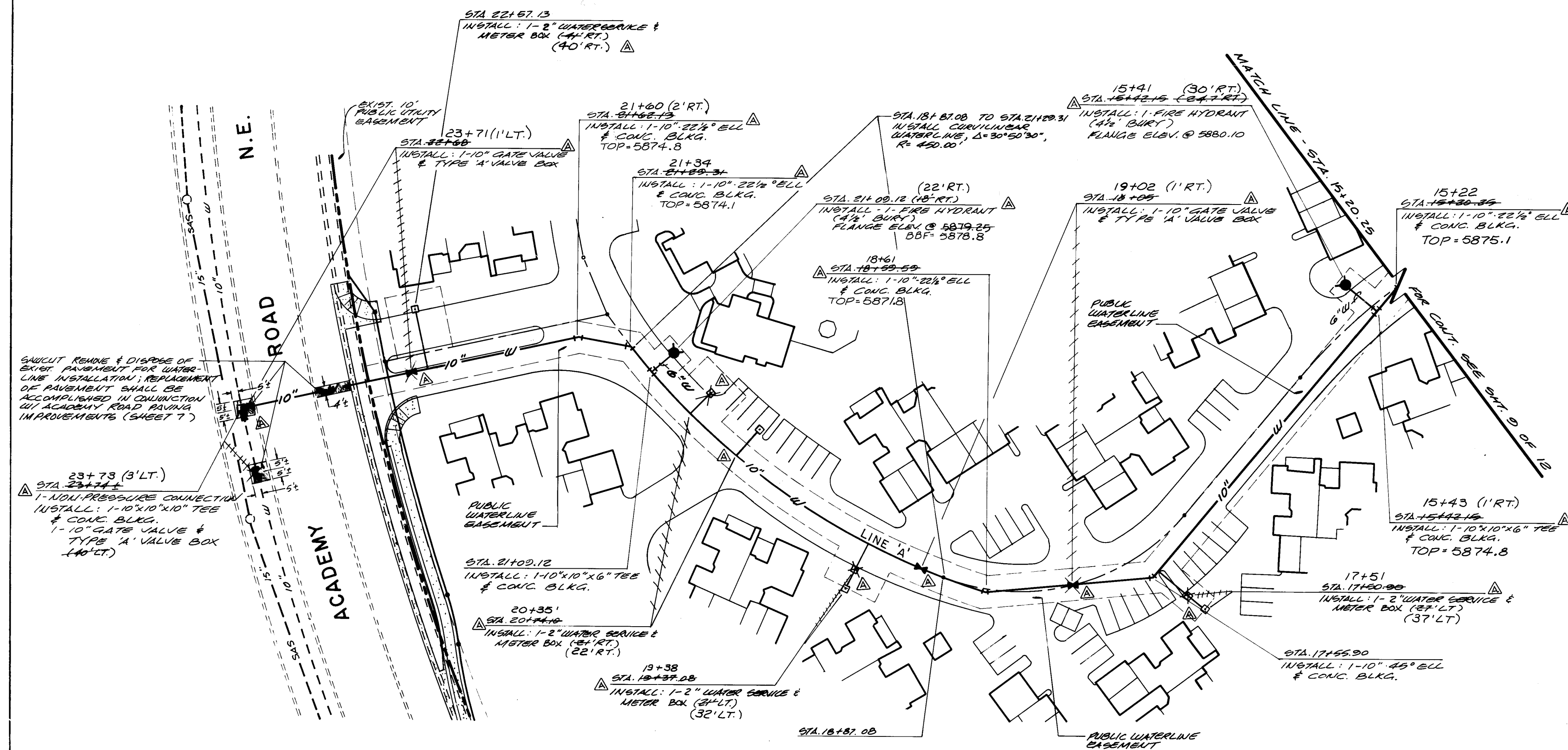
### WATER DISTRIBUTION SYSTEM

- ALL STATIONING IS BASED ON BASEMENT CENTERLINE.
- WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
- ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- FOR CONNECTIONS TO THE EXISTING WATERLINES, SEE WATER VALVE SHUTOFF PLAN, SHEET 12.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
1		1		1		1		1		1	
2		2		2		2		2		2	
3		3		3		3		3		3	
4		4		4		4		4		4	
5		5		5		5		5		5	
6		6		6		6		6		6	
7		7		7		7		7		7	
8		8		8		8		8		8	
9		9		9		9		9		9	
10		10		10		10		10		10	
11		11		11		11		11		11	
12		12		12		12		12		12	
13		13		13		13		13		13	
14		14		14		14		14		14	
15		15		15		15		15		15	
16		16		16		16		16		16	
17		17		17		17		17		17	
18		18		18		18		18		18	
19		19		19		19		19		19	
20		20		20		20		20		20	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: PAVILIONS - WATERLINE EXTENSION PLAN & PROFILE LINE "A", STA. 10+00 TO STA. 15+20.25 LINE "B", STA. 10+00 TO STA. 14+08.06			
APPROVALS	ENGINEER	DATE	APPROVALS
D.R.C. Chair	<i>Regan J. Green</i>	9-15-89	ENGINEER
Trans. Dev	<i>THO</i>	7-20-91	
Utility Dev	<i>Albuquerque</i>	9-15-89	
DRAWING NO.	3821	MAP NO.	E-22
SHEET	9	OF	12





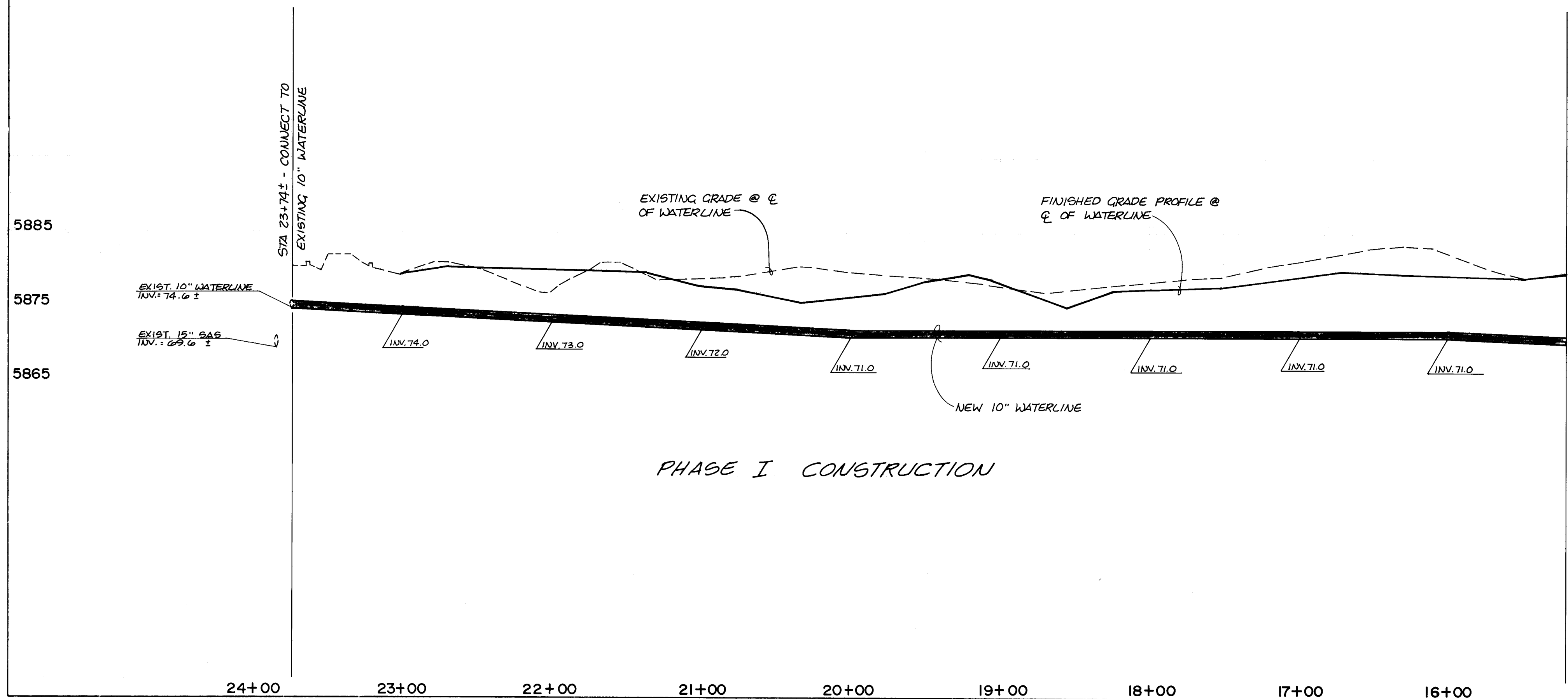
I hereby certify that the sheets marked "RECORD DRAWING" for Job 3821 have been revised to reflect record information for water lines required by the City of Albuquerque's Development Process Manual. This information was obtained via field survey by Greiner, Inc. and notes supplied by the contractor. No notes by the Field Section of the City Engineer's Office were provided.

Greiner, Inc.  
Thomas H. Wagner  
N.M.P.L.S. No. 3517

7/17/90  
Date



HORIZONTAL SCALE : 1" = 50'  
VERTICAL SCALE : 1" = 10'

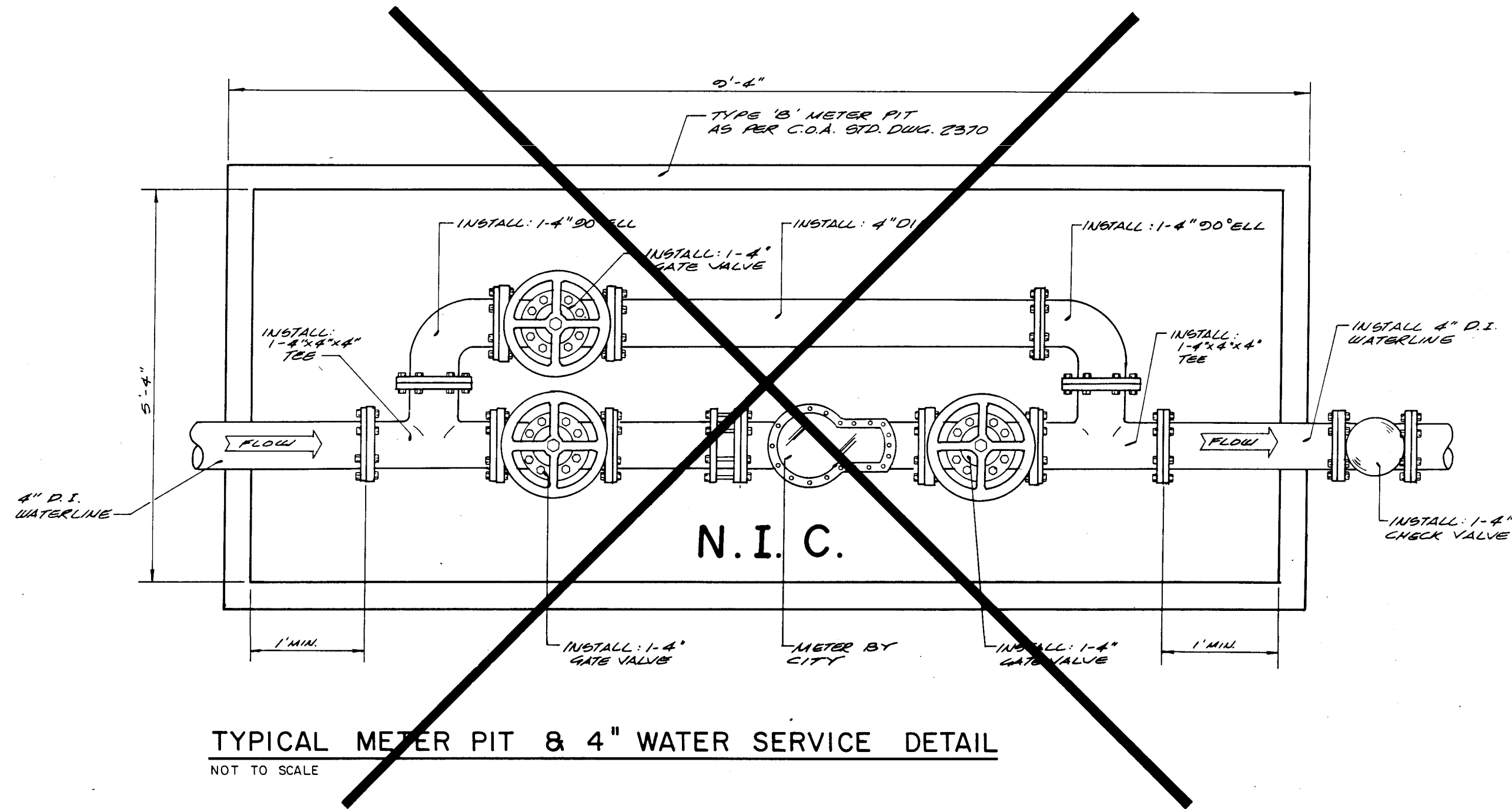


5885  
5875  
5865

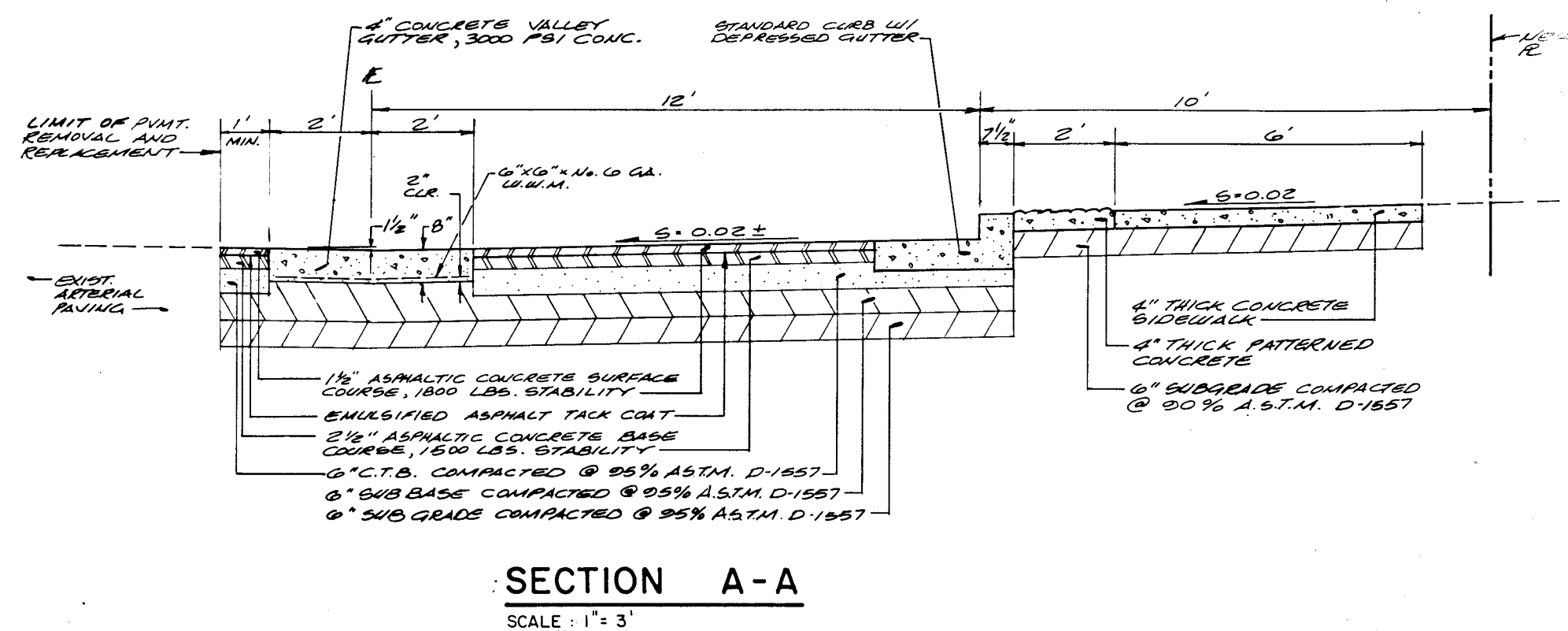
<b>WATER DISTRIBUTION SYSTEM</b>		
1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE.		
2. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.		
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).		
4. ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.		
5. FOR CONNECTIONS TO THE EXISTING WATERLINES, SEE WATER VALVE SHUTOFF PLAN, SHEET 12.		
<b>AS BUILT INFORMATION</b>		
THE STATION IS A 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB OF THE MEDIAN AND IS STAMPED "A.C.S. 3-E22A 1985" LOCATED NORTH OF THE ON SAN VICTORIO AVE. N.E. APPROXIMATELY 403 FT. AT THE INTERSECTION OF SAN VICTORIO AVE. N.E. & LOWELL STREET N.E. ELEVATION: 5891.17 FT. (M.S.L.D.)		
<b>ENGINEER'S SEAL</b>		
<b>REVISIONS</b>		
DESIGN		
DESIGNED BY J.G.M. DATE 4-89		
DRAWN BY J.M.A. DATE 4-89		
CHECKED BY J.G.M. DATE 4-89		

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		
TITLE: PAVILIONS - WATERLINE EXTENSION PLAN & PROFILE LINE "A", STA. 15+20.25 TO STA 23+74.09		
APPROVALS	ENGINEER	DATE
DRC Chair	Reggie A. Brown	9-15-89
Trans. Dev	THW	7-20-89
Utility Dev	THW	5-18-89
DRAWING NO.	3821	MAP NO. E-22
		SHEET 10 OF 12

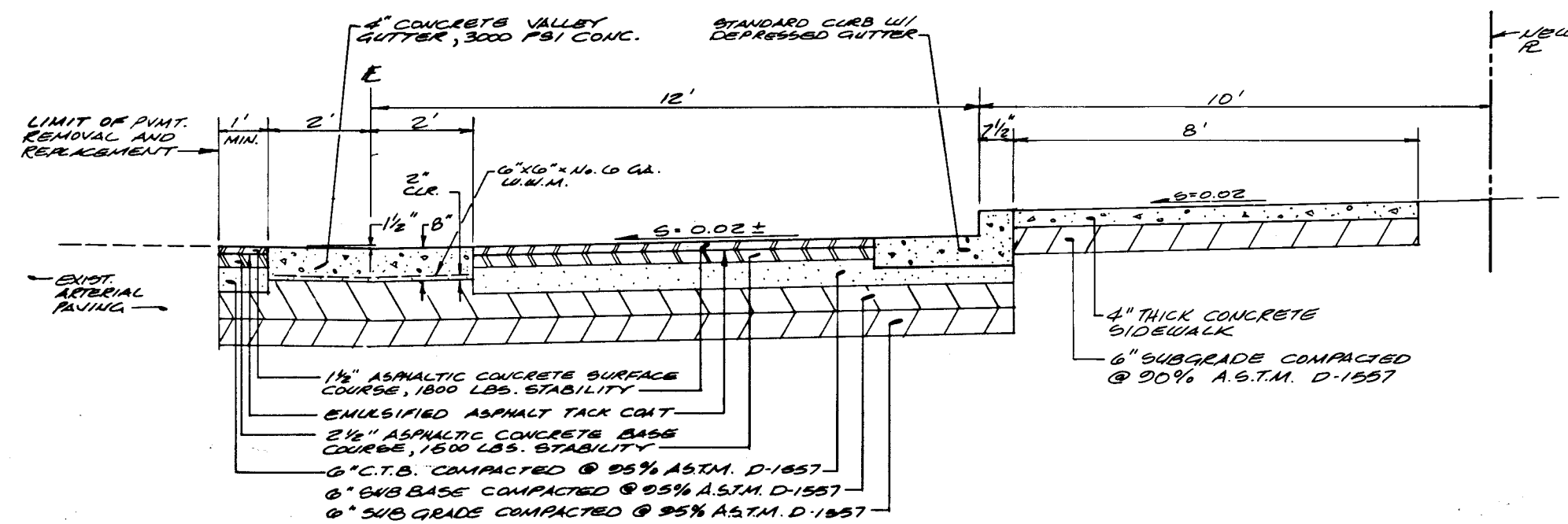




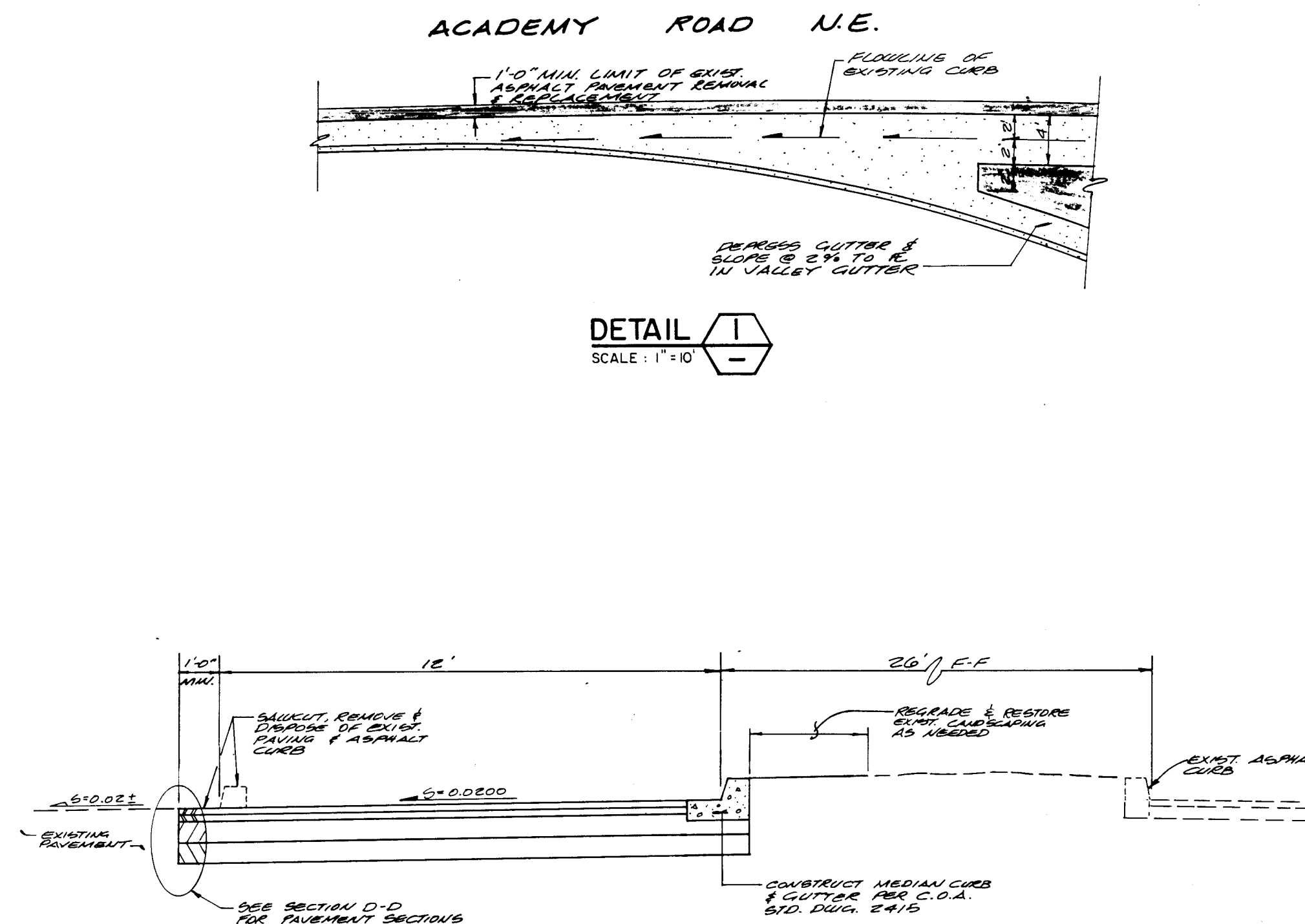
TYPICAL METER PIT & 4" WATER SERVICE DETAIL  
NOT TO SCALE



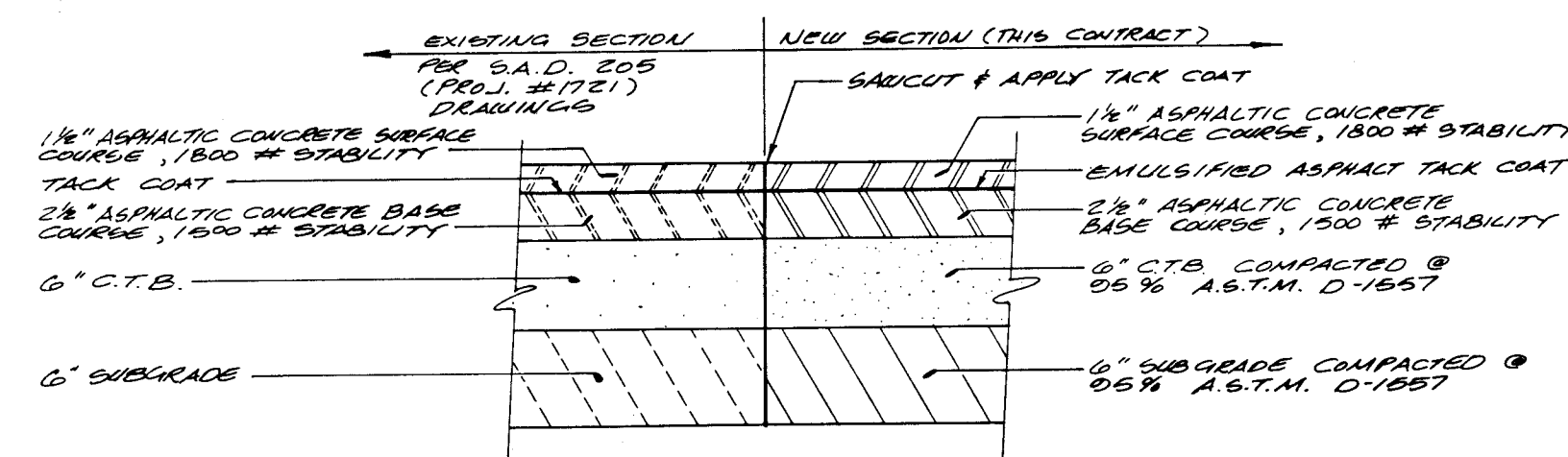
SECTION A-A  
SCALE: 1" = 3'



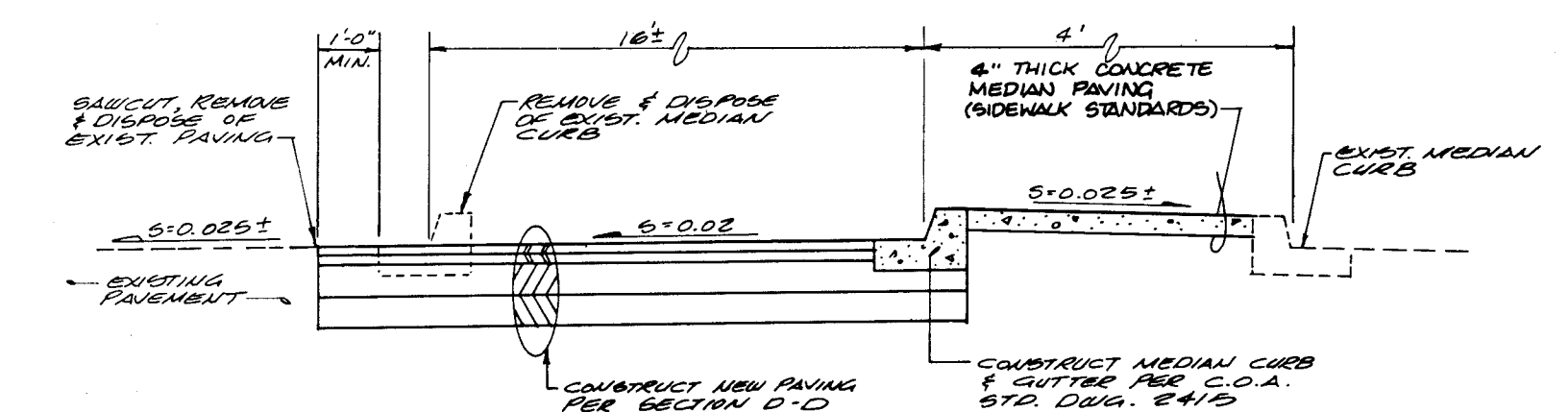
SECTION B-B  
SCALE: 1" = 3'



SECTION C-C  
SCALE: 1" = 3'



SECTION D-D  
SCALE: 1" = 1'



SECTION E-E  
N.T.S.

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	WORK	DATE	THE STATION IS A 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB OF THE MEDIAN AND IS STAMPED	NO.	BY	DATE	DATE	DATE			
INSPECTOR'S	ACCEPTANCE BY	DATE	"A.C.S. 3-E22A 1985" LOCATED NORTH OF THE C								
VERIFICATION BY	DATE		ON SAN VICTORIO AVE. N.E. APPROXIMATELY 40.3 FT.								
DRAWINGS	DATE		AT THE INTERSECTION OF SAN VICTORIO AVE. N.E. &								
DATE			LOWELL STREET N.E.								
RECORDED BY	DATE		ELEVATION: 9891.17 FT. (M.S.L.D.)								
NO.											
MICRO-FILM INFORMATION			REVISIONS			DESIGN			DATE 4-89		
									DATE 4-89		
									DATE 4-89		
									DATE 4-89		

263821192

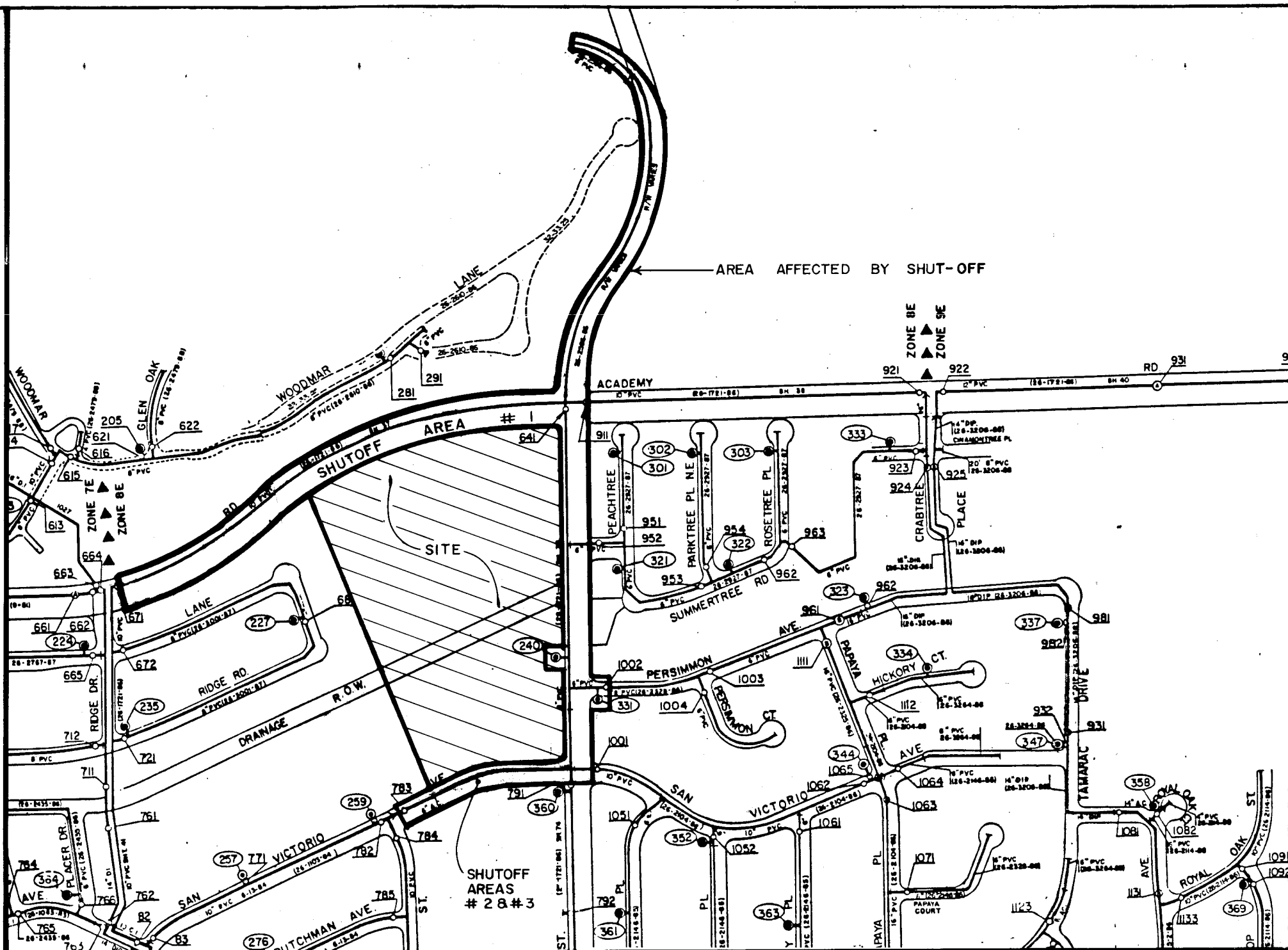
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: PAVILIONS  
SECTIONS AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger A. Shaw	9-15-89			
Trans. Dev	RHP	7-22-89			
Utility Dev	M. J. W.	5-16-89			

DRAWING NO.	3821	MAP NO.	E-22	SHEET	11	OF	12
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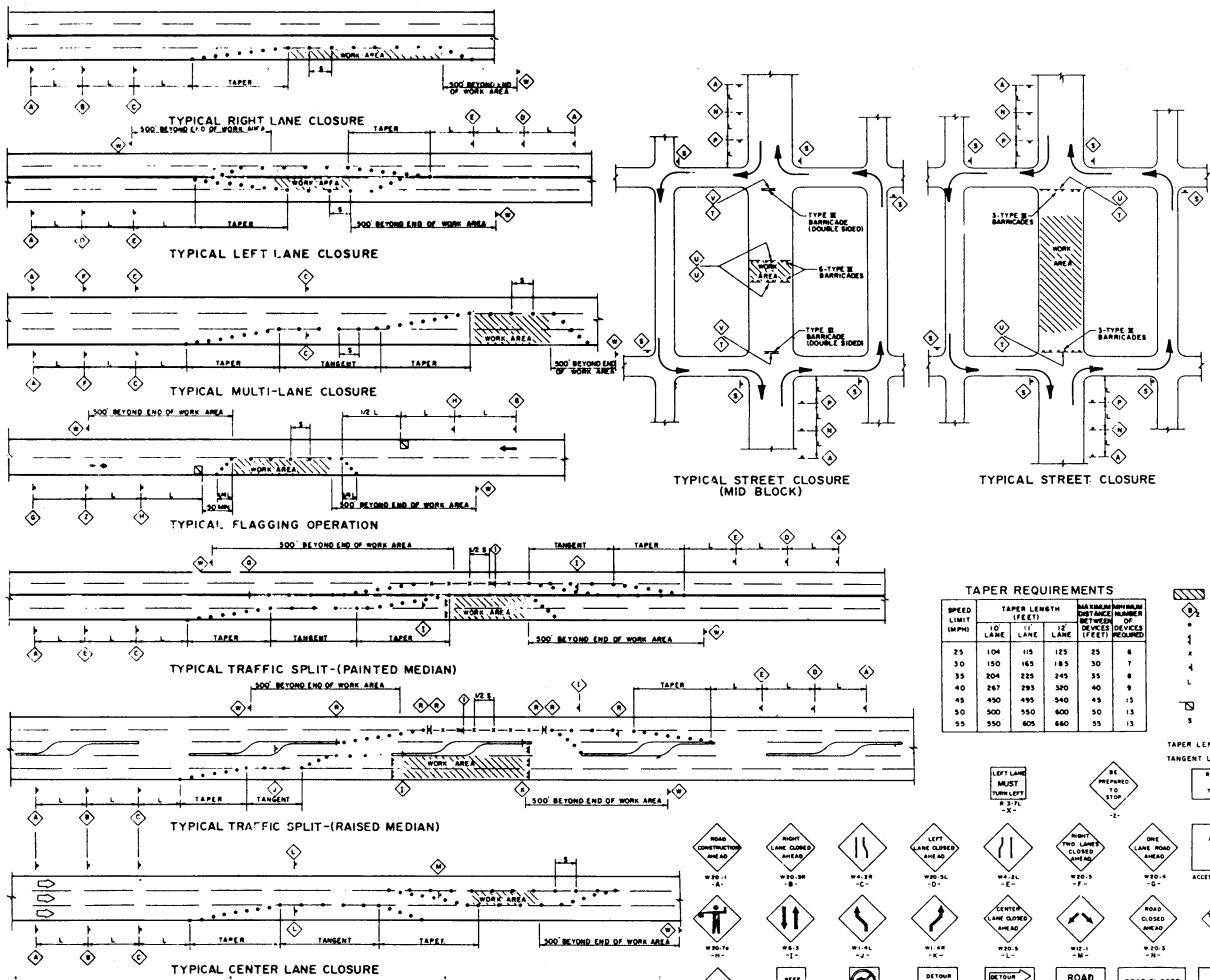


WATER VALVE SHUT-OFF PLAN

SCALE: 1" = 400'

WATER VALVE SHUTOFF PLAN NOTES:

- AS A MINIMUM, THE CONTRACTOR SHALL CLOSE THE FOLLOWING VALVES TO EFFECT THE RESPECTIVE SHUTOFFS:
  - SHUTOFF #1 (CONNECTION IN ACADEMY ROAD N.E.): VALVES 671, 641, AND 911. (COMPLETE)
  - SHUTOFF #2 (CONNECTION IN LOWELL STREET N.E.): VALVES 911, 641, 951, 1002, 1001, 360 AND 783. (COMPLETE)
  - SHUTOFF #3 (CONNECTIONS IN SAN VICTORIO AVENUE N.E.): VALVES 911, 641, 952, 1002, 1001, 360 AND 783. (THIS CHANGE ORDER)
- THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEMS DIVISION.
- THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
- EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE WATER SECTIONAL MAPS E-22S & E-22N.
- SHUTOFF #3 IS FOR PHASE II AND TO BE ADDED BY CHANGE ORDER.



NOTES:  
ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.  
TRANSFORMATION FROM EXISTING SIGNALS TO SPAN WIRE IS TO OCCUR AT OFF PEAK HOURS

LEGEND

TAPER REQUIREMENTS			
SPEED LIMIT (MPH)	TAPER LENGTH (FEET)	MINIMUM TAPER LENGTH (FEET)	MINIMUM TAPER LENGTH (FEET)
25	104	115	125
30	150	165	185
35	204	225	245
40	267	295	320
45	330	365	400
50	400	445	490
55	470	525	580

WORK AREA	TRAFFIC SIGN IS QUANTITY (SEE THIS SHEET FOR DESIGNATION)
1. BARRICADE - TYPE I, TYPE S, OR BARREL	1
2. BARRICADE - TYPE X	1
3. WARNING SIGN	1
4. DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET	1
5. FLAGMAN POSITION	1
6. SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET	1

LEFT LANE	RIGHT LANE	ACCESS TO
1. LEFT LANE	1. RIGHT LANE	1. ACCESS TO
2. LEFT LANE	2. RIGHT LANE	2. ACCESS TO
3. LEFT LANE	3. RIGHT LANE	3. ACCESS TO
4. LEFT LANE	4. RIGHT LANE	4. ACCESS TO
5. LEFT LANE	5. RIGHT LANE	5. ACCESS TO
6. LEFT LANE	6. RIGHT LANE	6. ACCESS TO
7. LEFT LANE	7. RIGHT LANE	7. ACCESS TO
8. LEFT LANE	8. RIGHT LANE	8. ACCESS TO
9. LEFT LANE	9. RIGHT LANE	9. ACCESS TO
10. LEFT LANE	10. RIGHT LANE	10. ACCESS TO
11. LEFT LANE	11. RIGHT LANE	11. ACCESS TO
12. LEFT LANE	12. RIGHT LANE	12. ACCESS TO

TRAFFIC CONTROL DETAILS

CONTRACTOR INFORMATION			
CONTRACTOR	DATE	INSPECTOR	DATE
THE STATION IS A 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB OF THE MEDIAN AND IS STAMPED "A.C.S. 3-E-22A 1986" LOCATED NORTH OF THE ON SAN VICTORIO AVE N.E. APPROXIMATELY 403 FT. AT THE INTERSECTION OF SAN VICTORIO AVE. N.E. & LOWELL STREET N.E.	DATE	DATE	DATE
ELEVATION: 5891.17 FT. (M.S.L.D.)	DATE	DATE	DATE

ENGINEER'S SEAL			
ENGINEER'S SEAL	DATE	DATE	DATE
DESIGNED BY J.G.M.	DATE 04/89	DRAWN BY R.A.R.	DATE 04/89
CHECKED BY J.G.M.	DATE 04/89		

REVISIONS			
NO.	DATE	REMARKS	BY
1	8/14/90	ADD PHASE II	J.G.M.

DESIGNED BY J.G.M.	DATE 04/89	DRAWN BY R.A.R.	DATE 04/89
CHECKED BY J.G.M.	DATE 04/89		

C of A PWD Maps & Records  
26 3021/1292

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE:	PAVILIONS WATER VALVE SHUT-OFF PLAN & TRAFFIC CONTROL DETAILS		
APPROVALS	ENGINEER	DATE	APPROVALS
D.R.C. Chair	Robt. J. Roca	9-15-91	
Trans. Dev.	AW	7-20-91	
Utility Dev.	Quinn	5/8/91	
DRAWING NO.	3821	MAP NO.	E-22
		SHEET	12 OF 12