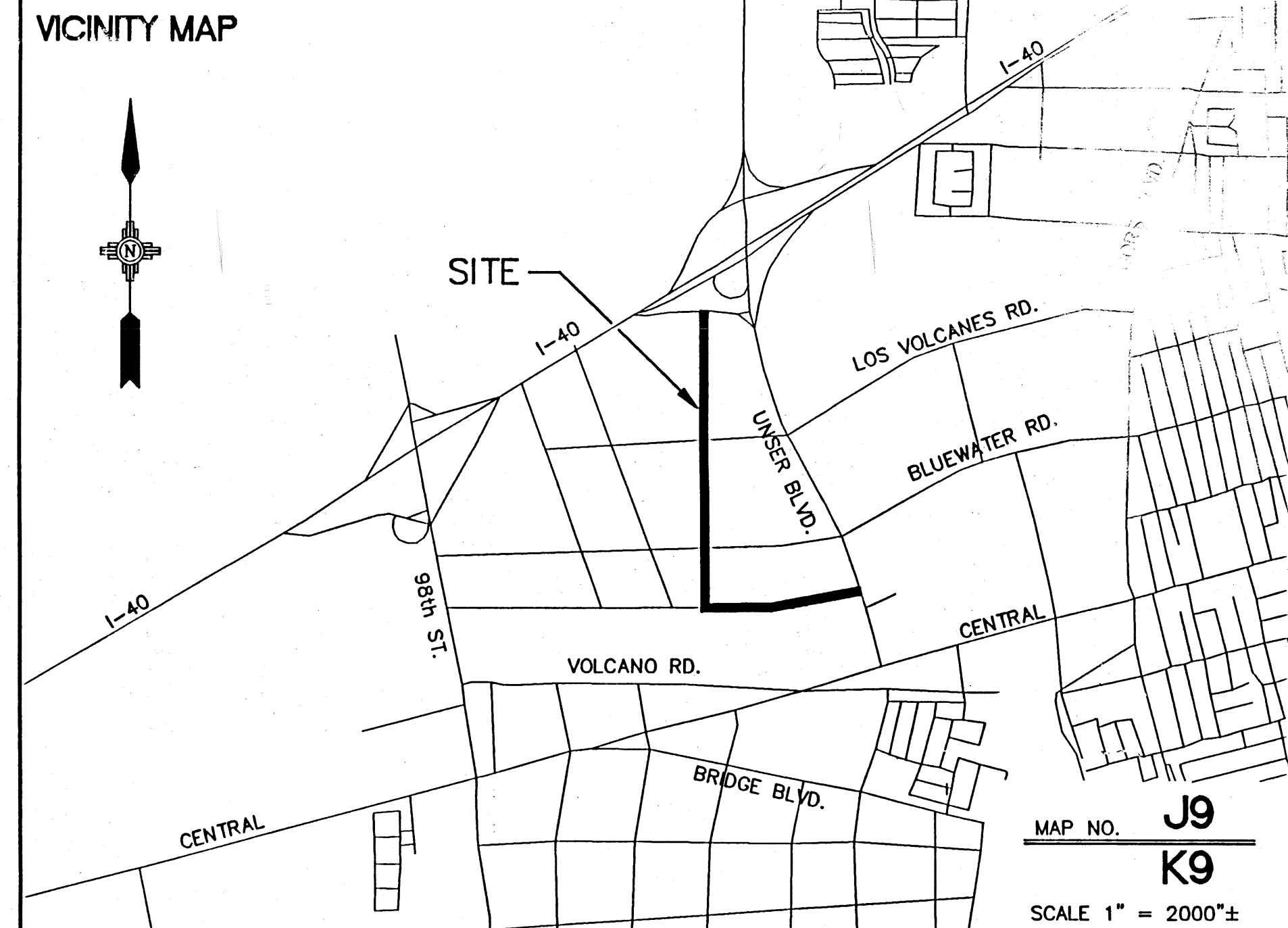


CONSTRUCTION PLANS FOR

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

UNSER DIVERSION



SHEET INDEX

- COVER PAGE
- KEY MAP, UTILITY CONTACTS AND STOCKPILE SECTIONS
- STORM DRAIN - PLAN AND PROFILE
- STORM DRAIN - PLAN AND PROFILE
- STORM DRAIN/POND CONNECTIONS - PLAN AND PROFILE
- STORM DRAIN/POND CONNECTIONS - PLAN AND PROFILE
- EARTHEN CHANNEL - PLAN AND PROFILE
- POND 1 - GRADING PLAN
- POND 2 - GRADING PLAN
- POND 3 - GRADING PLAN
- POND 4 - GRADING PLAN
- POND 5 - GRADING PLAN
- POND 6 - GRADING PLAN
- OUTLET STRUCTURE - DETAILS AND SECTIONS
- OUTLET STRUCTURE TRASH RACK - DETAILS AND SECTIONS
- RUNDOWN STRUCTURE DETAILS AND SECTIONS
- RUNDOWN STRUCTURE DETAILS AND SECTIONS
- MISCELLANEOUS DETAILS AND SECTIONS
- FENCE DETAILS AND LOW FLOW CHANNEL DETAILS
- 20.-25. PROJECT PLAT

RECORD DRAWING

I, Charles M. Easterling, hereby certify that these drawings have been revised in accordance with the information furnished by Sunv-Tek, Inc. to reflect the construction as actually accomplished.

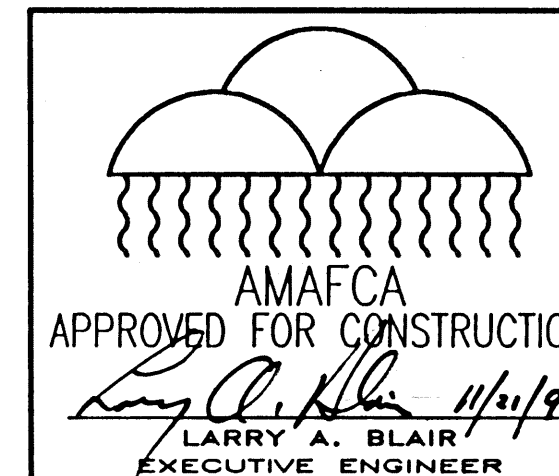
Charles M. Easterling 5-8-97
Charles M. Easterling, P.E.
N.M.P.E. No. 6411

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

ABBREVIATIONS

AC - ASBESTOS CEMENT	DD - DEFLECT DOWN	FO - FIBER OPTIC CABLE
ARV - AIR/VACUUM RELEASE VALVE	DIP - DUCTILE IRON PIPE	G - GAS
B - BASELINE	DU - DEFLECT UP	HP - HIGH PRESSURE
BC - BEGIN CURVE	E - EXISTING	I - INSTALL
BCT - BEGIN CROWN TRANSITION	EC - END CURVE	LP - LIGHT POLE
C - CONSTRUCT	ECT - END CROWN TRANSITION	LT - LEFT
CAV - COMBINATION AIR VALVE	ELEV - ELEVATION	MH - MANHOLE
CCP - CONCRETE CYLINDER PIPE	F-F - FACE TO FACE	PC - POINT OF CURVATURE
CI - CAST IRON	F/F - FEET/FOOT	PCC - POINT OF COMPOUND CURVATURE
CL - CENTERLINE	FH - FIRE HYDRANT	POC - POINT ON CURVE
COA - CITY OF ALBUQUERQUE	FL - FLOW LINE	PP - POWER POLE

PRC - POINT OF REVERSE CURVATURE	SAS - SANITARY SEWER
PRV - PRESSURE RELIEF VALVE	SD - STORM DRAIN
PT - POINT OF TANGENCY	TC - TOP OF CURB
PUE - PUBLIC UTILITY EASEMENT	T - TELEPHONE
R/REL - REMOVE & RELOCATE	TP - TOP OF PIPE
R/RPLC - REMOVE & REPLACE	TW - TOP WIDTH
PVC - POLY VINYL CHLORIDE	UE - UNDERGROUND ELECTRIC
R - REMOVE	VCP - VITRIFIED CLAY PIPE
REL - RELOCATE	VER - VERIFY LOCATION
ROW - RIGHT-OF-WAY	W OR WL - WATERLINE
RT - RIGHT	X - CROSSING

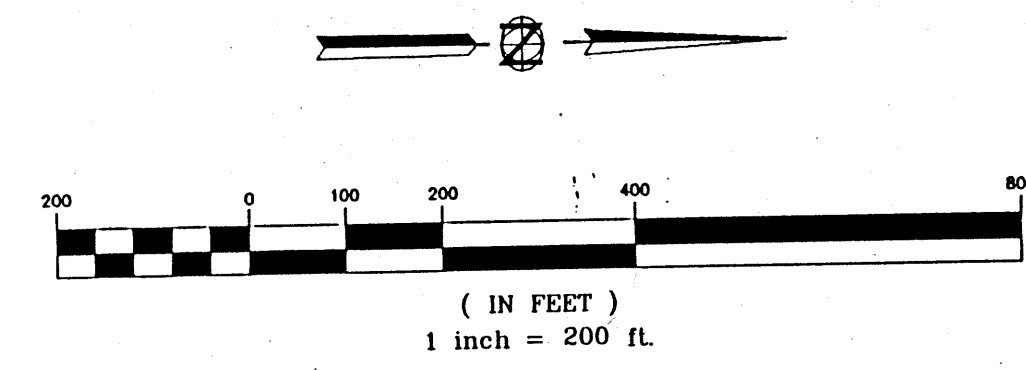


EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

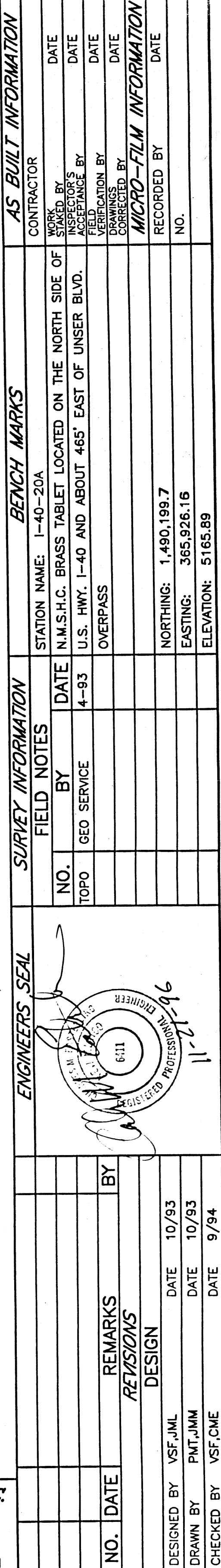
APPROVED FOR
CONSTRUCTION
Don Hoar 11/21/96
CITY HYDROLOGY DATE

PROJECT NUMBER 3324.0

SHEET 1 OF 25



1. LENGTH AND WIDTH OF THE COMPLETED STOCKPILE SHALL NOT DIFFER BY MORE THAN 15%.
2. AFTER ALL MATERIAL HAS BEEN PLACED, THE SURFACE OF THE STOCKPILE SHOULD BE BLANKET SMOOTH THEN WATERED THOROUGHLY TO PROMOTE CRUSTING.
3. STOCKPILE SIDE SLOPES SHALL BE 3:1.
4. DURING CONSTRUCTION AND UPON COMPLETION, AT LEAST ONE 12' WIDE RAMP SLOPED AT LESS THAN 7 1/2% SHALL BE PROVIDED TO ALLOW WATER TRUCK ACCESS TO THE TOP OF THE STOCKPILE.
5. THE TOP SURFACE OF THE FINISHED STOCKPILE SHOULD BE FIRM ENOUGH TO ALLOW WATER TRUCK ACCESS.
6. 4' HIGH SNOW FENCE SHALL BE CONSTRUCTED AROUND THE PERIMETER OF THE TOP OF THE FINISHED STOCKPILE. A BREAK IN THE FENCE SHALL BE PROVIDED TO ALLOW WATER TRUCK ACCESS AT THE ACCESS RAMP.
7. 4 STRAND BARBED WIRE FENCE, PER DETAILS ON SHEET 19, SHALL BE CONSTRUCTED ADJACENT TO THE NORTH AND EAST TOE OF THE STOCKPILE. THE FENCE SHOULD EXTEND AND CONNECT TO THE NORTH/SOUTH FENCE TO BE CONSTRUCTED ADJACENT TO THE EAST EDGE OF POND 1, AND THE EXISTING EAST/WEST FENCE LOCATED SOUTH OF THE STOCKPILE.



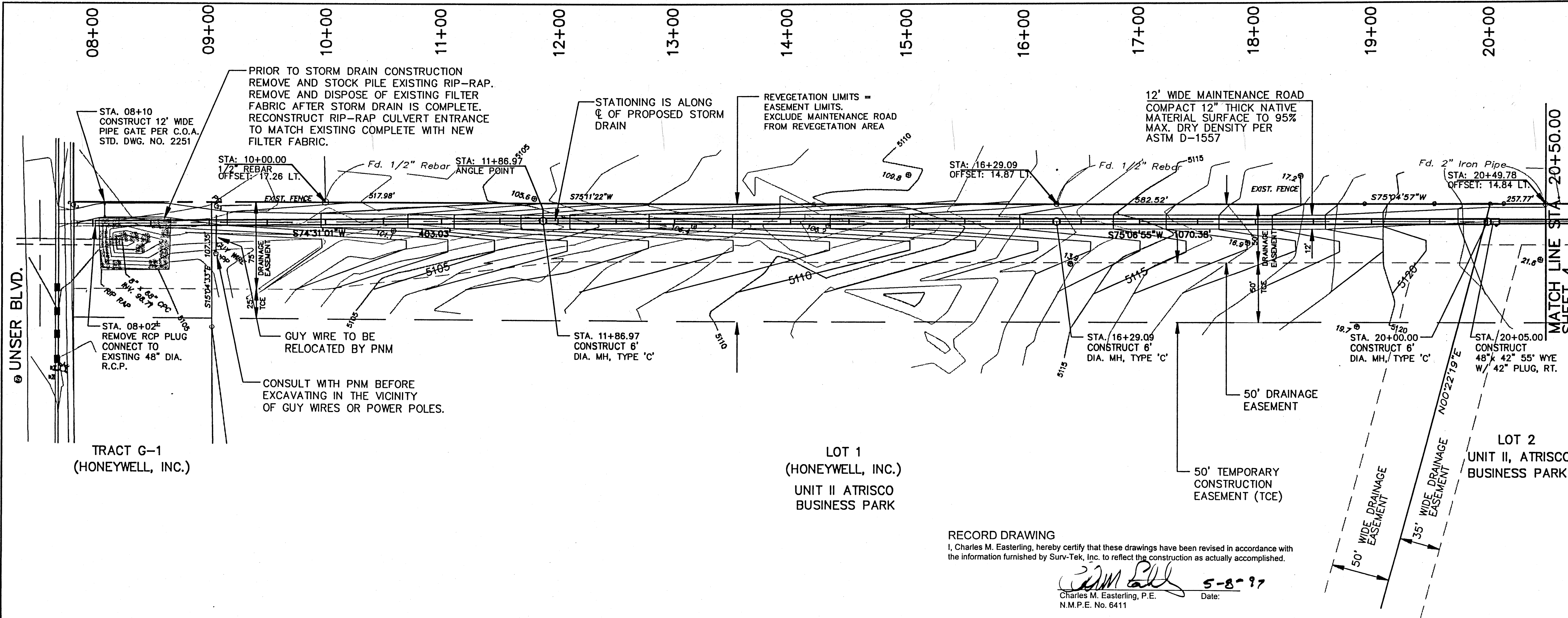
EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

Surv-Tek, Inc. to reflect the construction as actually constructed.

Charles M. Easterling 5-8-97
Charles M. Easterling, P.E. Date:
N.M.P.E. No. 6411

PROJECT NO.	3324.0	MAP NO.	Z-K9	SHEET	2	OF	25
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NOTES:

1. THE CONTRACTOR WILL BE REQUIRED TO CONFINED HIS WORK TO THE EASEMENT LIMITS AND PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL NOT DISTURB THE FENCE LOCATED ALONG PORTIONS OF THE SOUTH LINE OF THE DRAINAGE EASEMENT.
2. REINFORCED CONCRETE PIPE WYES, REDUCERS AND PLUGS SHALL BE FACTORY FABRICATED.
3. THE MINIMUM BEDDING CLASS FOR ALL STORM DRAIN CONSTRUCTION SHALL BE CLASS "B". NATIVE MATERIALS CONFORMING TO THE CRITERIA FOR CLASS II OR CLASS III SOILS SHALL BE USED TO CONSTRUCT THE REQUIRED GRANULAR FOUNDATION. BEDDING FOR STORM DRAIN 50 LF IMMEDIATELY DOWNSTREAM OF EACH POND OUTLET STRUCTURE SHALL BE "LEAN FILL". THE "LEAN FILL" SHALL BE PLACED IN THE ZONE BETWEEN THE INVERT AND THE SPRING LINE OF THE PIPE IN ACCORDANCE WITH SECTION 207 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE NO.5. FOUNDATION AND BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 90% MAXIMUM DRY DENSITY PER ASTM D-1557.
4. COMPACT EARTHEN FILL TO 95% MAX. DRY DENSITY PER ASTM D-1557.
5. STATIONING IS BASED ON THE CENTERLINE OF THE STORM DRAIN.

LEGEND

PROPOSED FEATURES

43.9 SPOT ELEVATION

5135 CONTOUR

EXISTING FEATURES

49.8 SPOT ELEVATION

5150 CONTOUR

SCALE: 1"=50' HORIZ.
1"= 5' VERT.

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

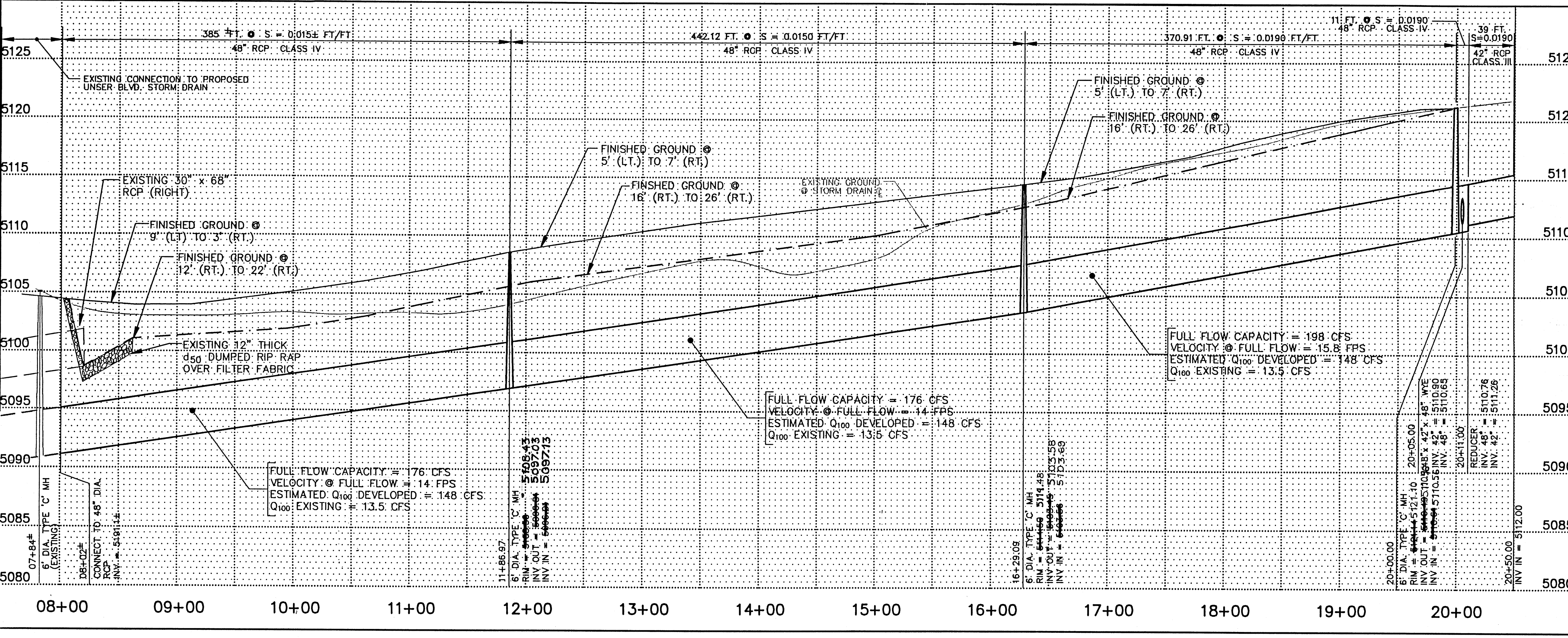
ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL
AUTHORITY

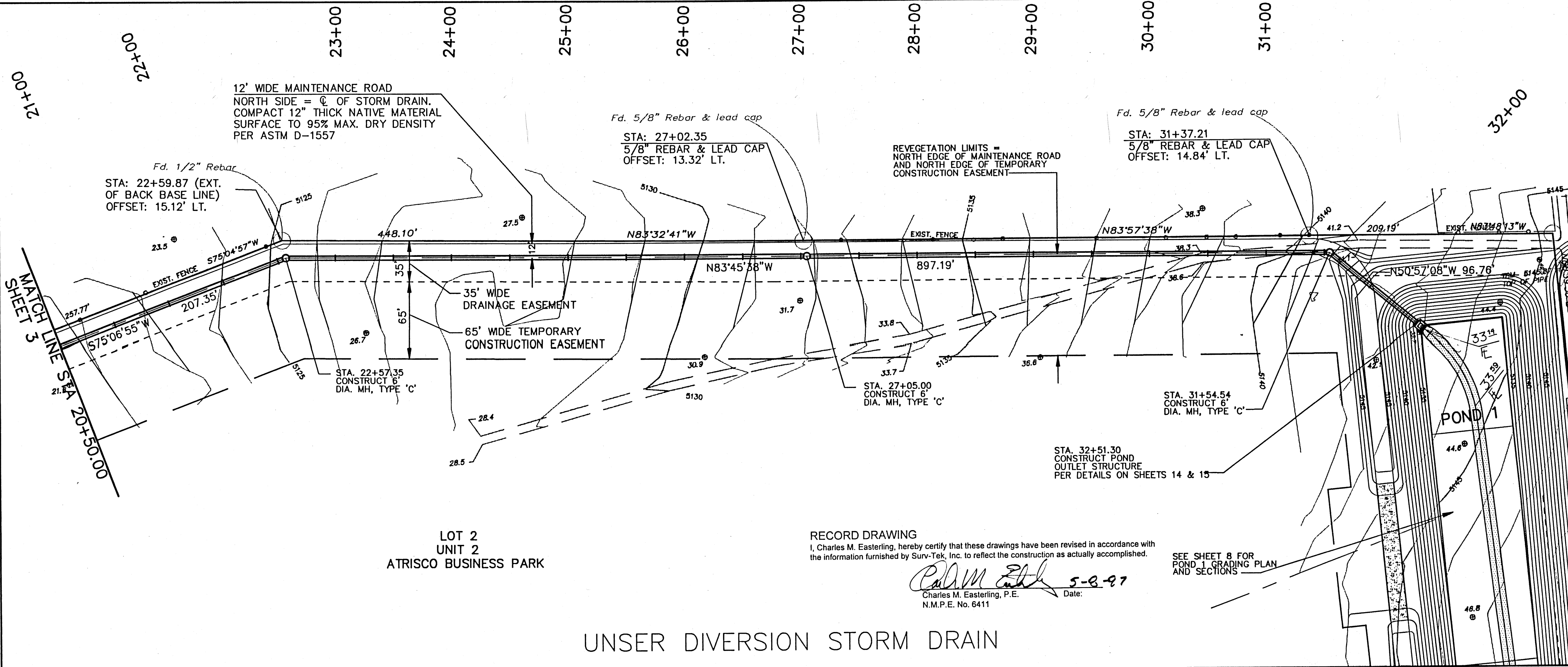
TITLE: **UNSER DIVERSION
STORM DRAIN - PLAN AND PROFILE
STA. 7+83.94 TO STA. 20+50.00**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO.	MAPZ-K9/ NO. Z-K10	SHEET 3 OF 25
3324.0		

UNSER DIVERSION STORM DRAIN





- NOTES:
- THE CONTRACTOR WILL BE REQUIRED TO CONFINED HIS WORK TO THE EASEMENT LIMITS AND PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL NOT DISTURB THE FENCE LOCATED ALONG PORTIONS OF THE SOUTH LINE OF THE DRAINAGE EASEMENT.
 - REINFORCED CONCRETE PIPE WYES, REDUCERS AND PLUGS SHALL BE FACTORY FABRICATED.
 - THE MINIMUM BEDDING CLASS FOR ALL STORM DRAIN CONSTRUCTION SHALL BE CLASS "B". NATIVE MATERIALS CONFORMING TO THE CRITERIA FOR CLASS II OR CLASS III SOILS SHALL BE USED TO CONSTRUCT THE REQUIRED GRANULAR FOUNDATION. BEDDING FOR STORM DRAIN 50 LF IMMEDIATELY DOWNSTREAM OF EACH POND OUTLET STRUCTURE SHALL BE "LEAN FILL". THE "LEAN FILL" SHALL BE PLACED IN THE ZONE BETWEEN THE INVERT AND THE SPRING LINE OF THE PIPE IN ACCORDANCE WITH SECTION 207 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE NO.5. FOUNDATION AND BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 90% MAXIMUM DRY DENSITY PER ASTM D-1557.
 - STATIONING IS BASED ON THE CENTERLINE OF THE STORM DRAIN.

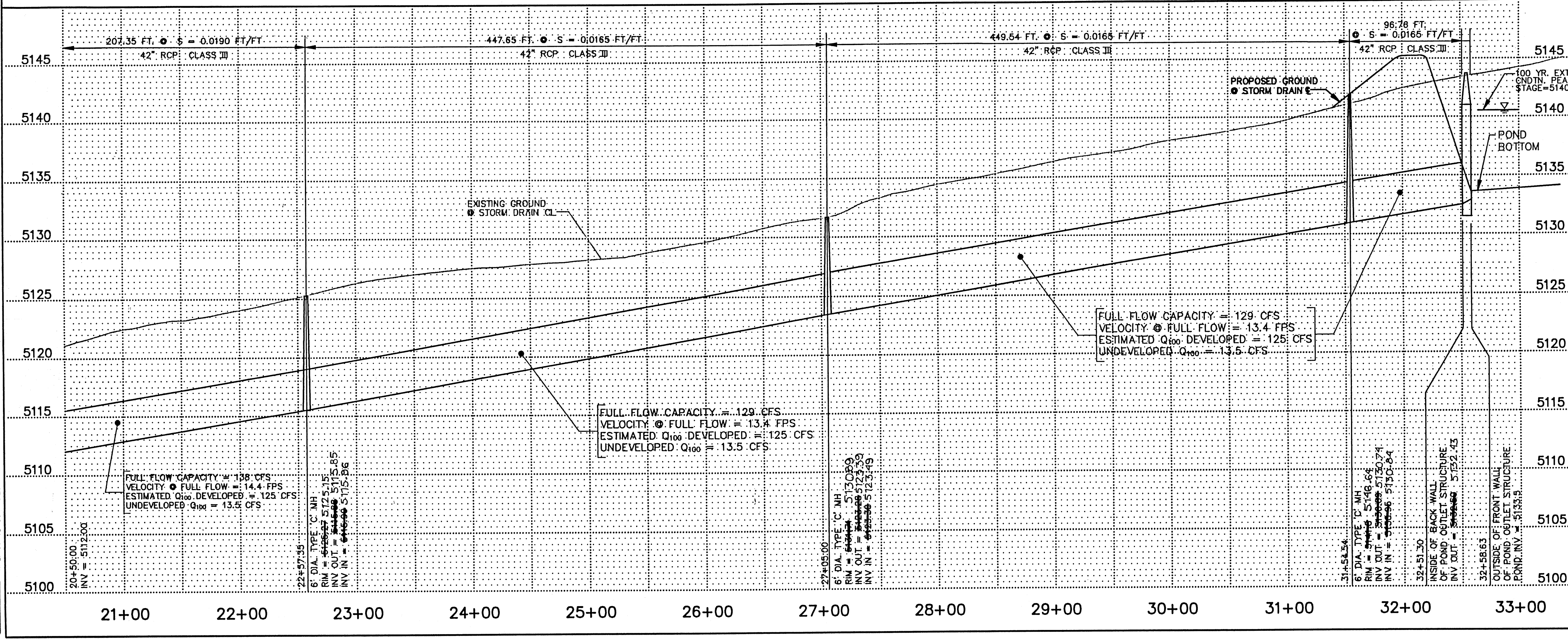
LEGEND

PROPOSED FEATURES

- 43.9 SPOT ELEVATION
- 5135 CONTOUR
- SOIL CEMENT PAVING
- REINFORCED CONCRETE PAVING
- POND OUTLET STRUCTURE

EXISTING FEATURES

- 49.8 SPOT ELEVATION
- 5150 CONTOUR



EXISTING FEATURES

- 49.8 SPOT ELEVATION
- 5150 CONTOUR

SCALE: 1"=50' HORIZ.
1"= 5' VERT.

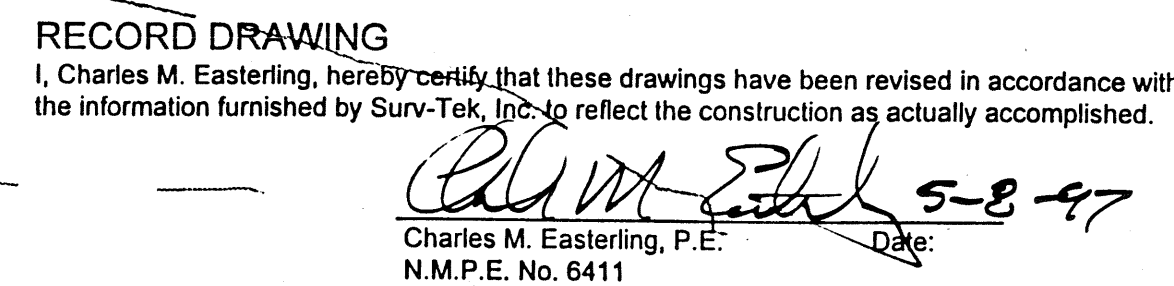
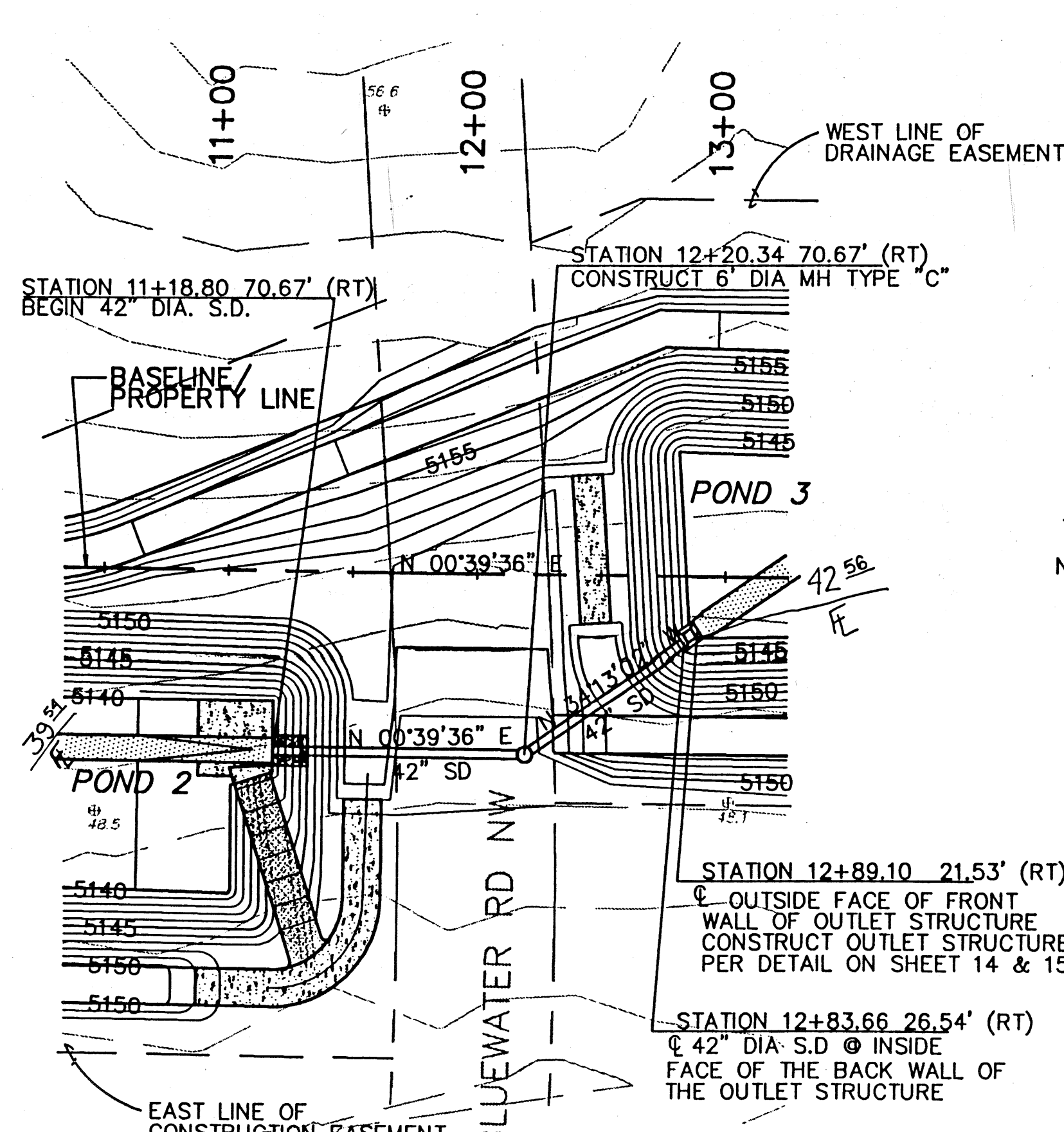
EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
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ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

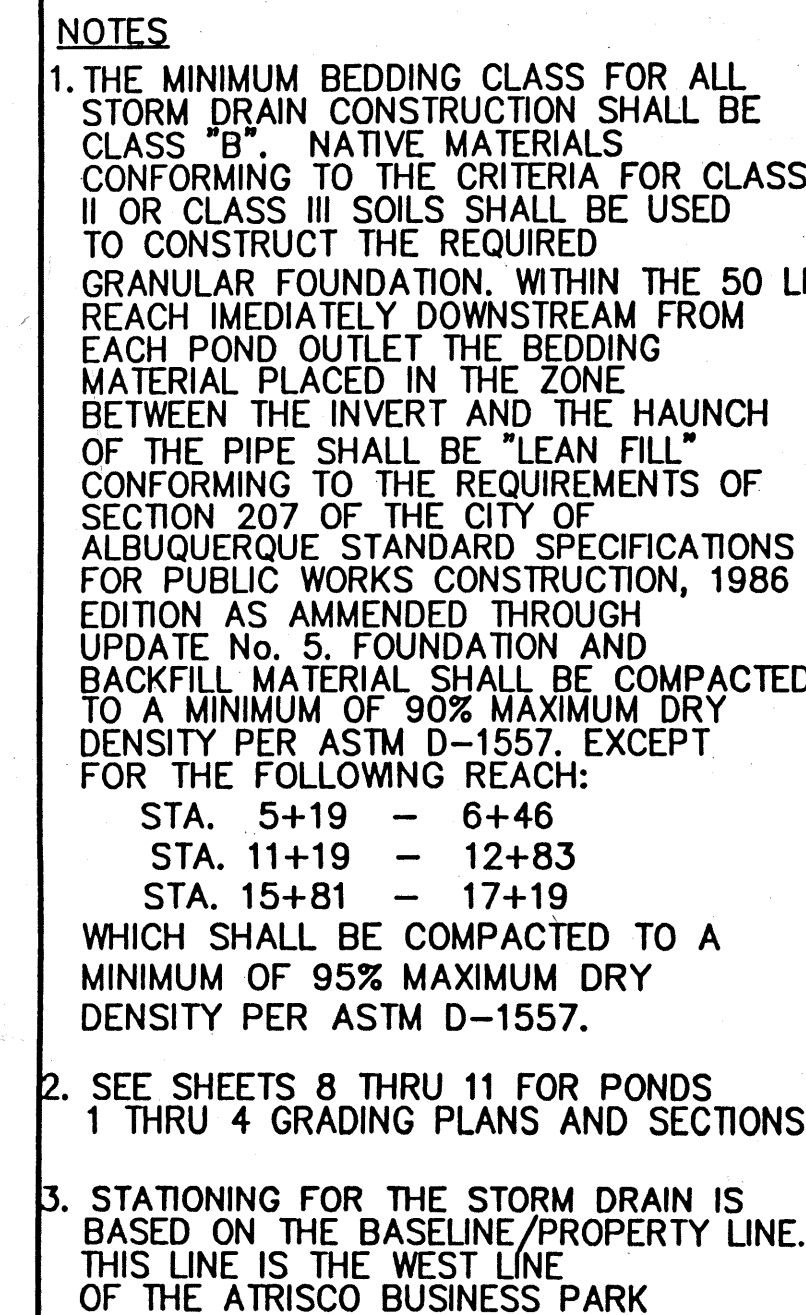
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO. 3324.0 **MAP NO. Z-K9** **SHEET 4 OF 25**



STORM DRAIN
STATION 15+81.00 TO STATION 17+27.00



43.9

5135

SPOT ELEVATION

CONTOUR

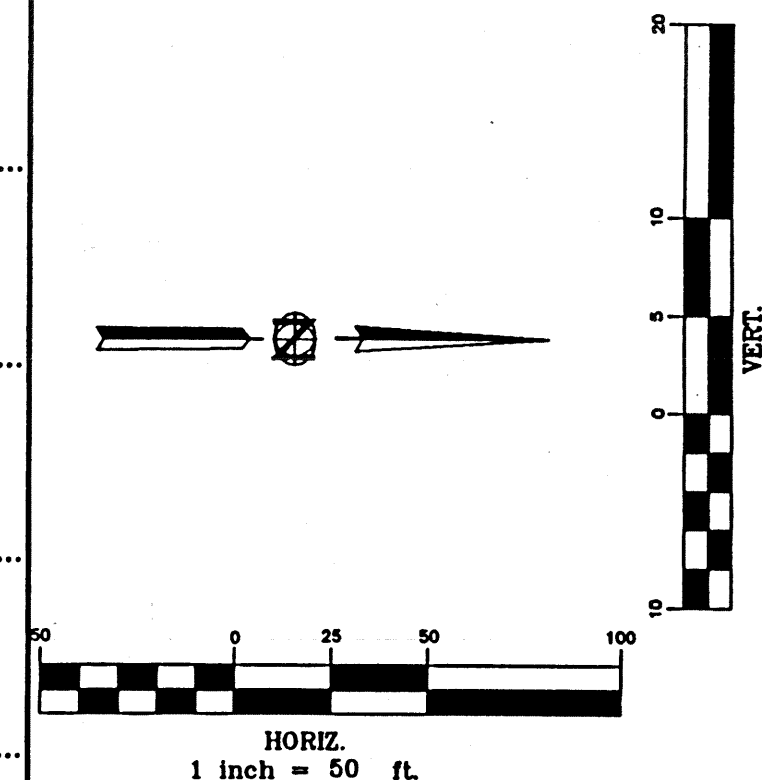
SOIL CEMENT PAVING

REINFORCED
CONCRETE
PAVING

BASE
COURSE
SURFACE

POND OUTLET
STRUCTURE

49.8 SPOT ELEVATION
 5150 CONTOUR



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CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

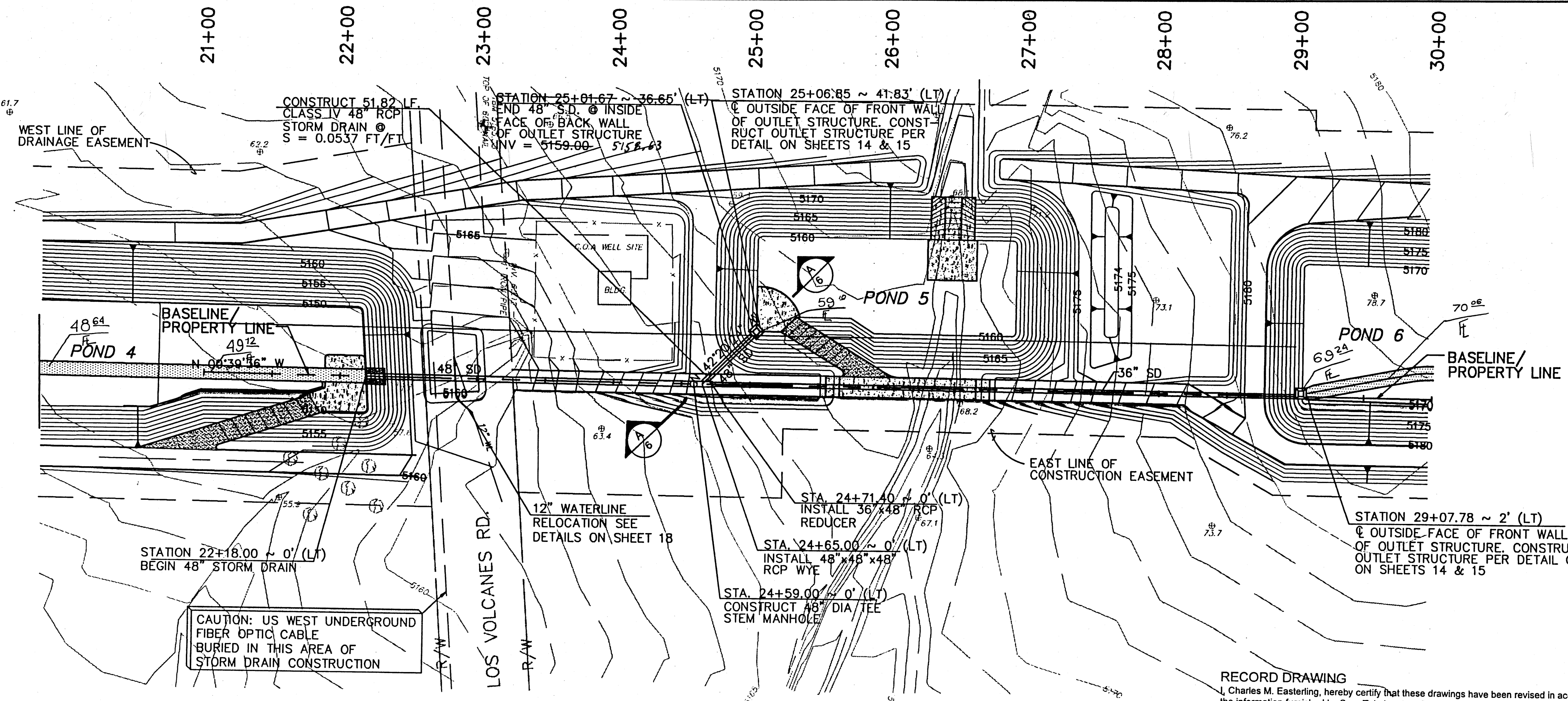
ALBUQUERQUE METROPOLITON
ARROYO FLOOD CONTROL
AUTHORITY

TITLE: UNSER DIVERSION
STORM DRAIN - POND CONNECTIONS
PLAN AND PROFILE

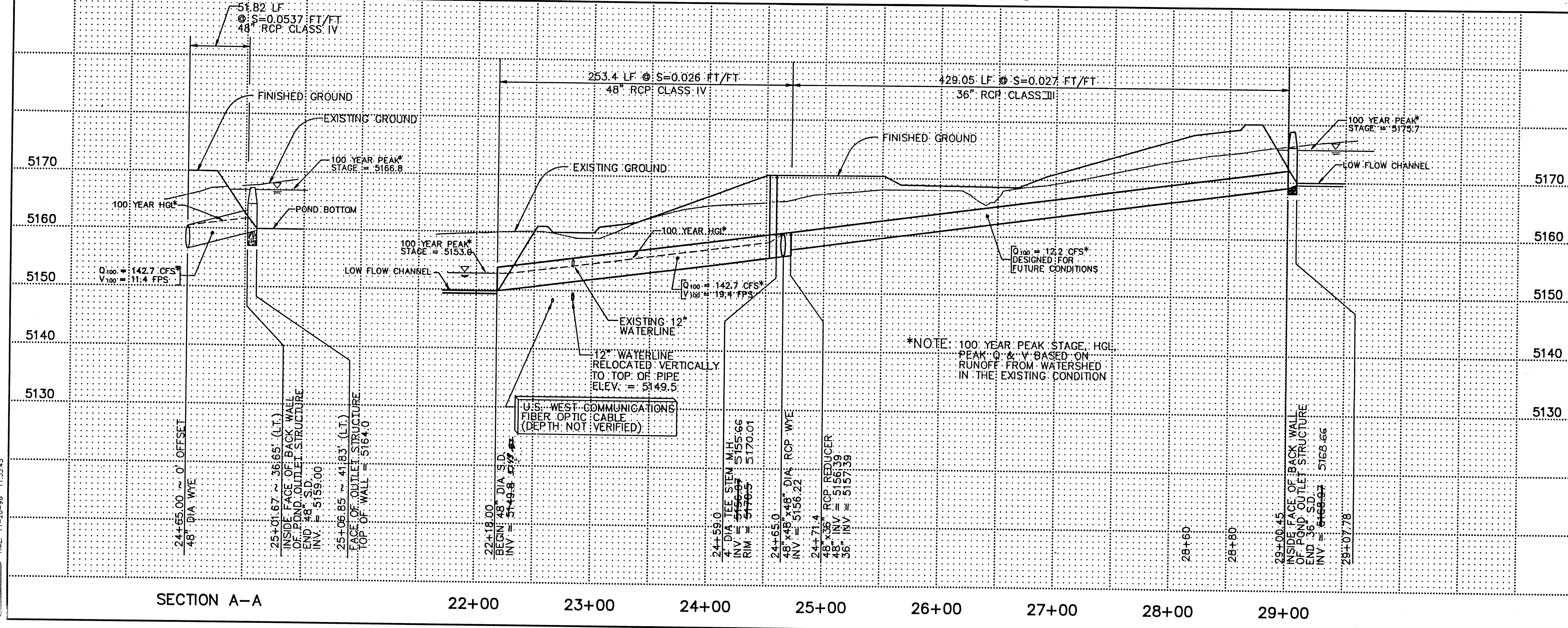
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO. 3324.0 MAP- J9 / SHEET 5 OF 25
NO. Z-K9

[illegible]



STORM DRAIN
STATION 22+18.00 TO STATION 29+07.78



NOTES

1. THE MINIMUM BEDDING CLASS FOR ALL STORM DRAIN CONSTRUCTION SHALL BE CLASS "B". NATIVE MATERIALS CONFORMING TO THE CRITERIA FOR CLASS II OR CLASS III SOILS SHALL BE USED TO CONSTRUCT THE REQUIRED GRANULAR FOUNDATION. WITHIN THE 50 LF REACH IMMEDIATELY DOWNSTREAM FROM EACH POND OUTLET, THE BEDDING MATERIAL PLACED IN THE ZONE BETWEEN THE INVERT AND THE HAUNCH OF THE PIPE SHALL BE "LEAN FILL" CONFORMING TO THE REQUIREMENTS OF SECTION 207 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE NO. 5. FOUNDATION AND BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 90% MAXIMUM DRY DENSITY PER ASTM D-1557, EXCEPT FOR THE FOLLOWING REACH:
STA. 28+00 - 29+00
POND 5 OUTLET STAB
WHICH SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY PER ASTM D-1557.

2. SEE SHEETS 11, 12, AND 13 FOR POND 4, 5, AND 6 GRADING PLAN AND SECTIONS

3. STATIONING FOR THE STORM DRAIN IS BASED ON THE BASELINE/PROPERTY LINE. THIS LINE IS THE WEST LINE OF ATRISCO BUSINESS PARK UNIT 2.

LEGEND

PROPOSED FEATURES

- SPOT ELEVATION
- CONTOUR
- SOIL CEMENT PAVING
- REINFORCED CONCRETE PAVING
- BASE COURSE SURFACE
- POND OUTLET STRUCTURE

EXISTING FEATURES

- SPOT ELEVATION
- CONTOUR
- FENCE

GRAPHIC SCALE - VERTICAL
(IN FEET)
1 inch = 10 ft

GRAPHIC SCALE - HORIZ
(IN FEET)
1 inch = 60 ft

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CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

TITLE: STORM DRAIN/POND CONNECTIONS PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA			COA - HYD		

PROJECT NO. 3324.0 MAP NO. Z-K9 SHEET 6 OF 25

AS BUILT INFORMATION

CONTRACTOR	DATE	INSPECTED BY	DATE	VERIFIED BY	DATE

BENCH MARKS

STATION NAME	1-40-20A
N.M.S.C. BRASS TABLE LOCATED ON THE NORTH SIDE OF U.S. HWY. 1-40 AND ABOUT 465' EAST OF UNSER BLVD. <td></td>	

REVISIONS

NO.	DATE	REVISIONS

DESIGNED BY VSF
DRAWN BY PNT/JMM
CHECKED BY VSF/RPB

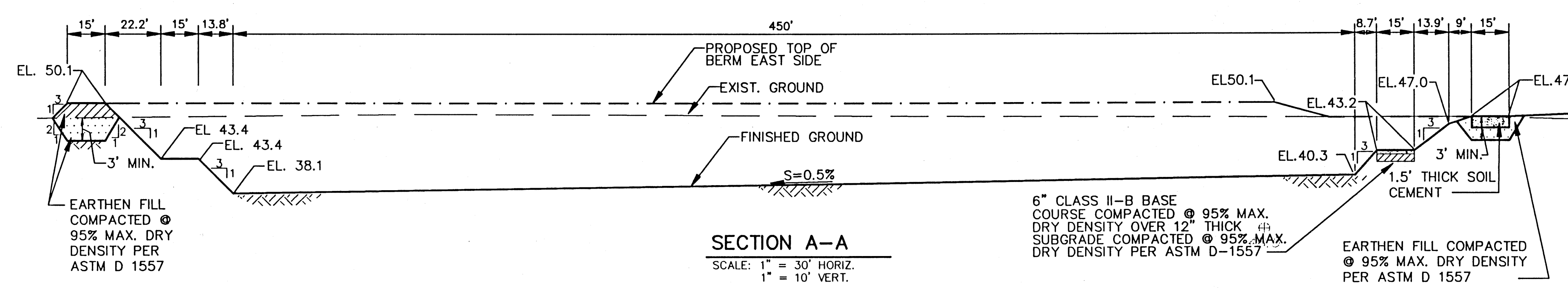
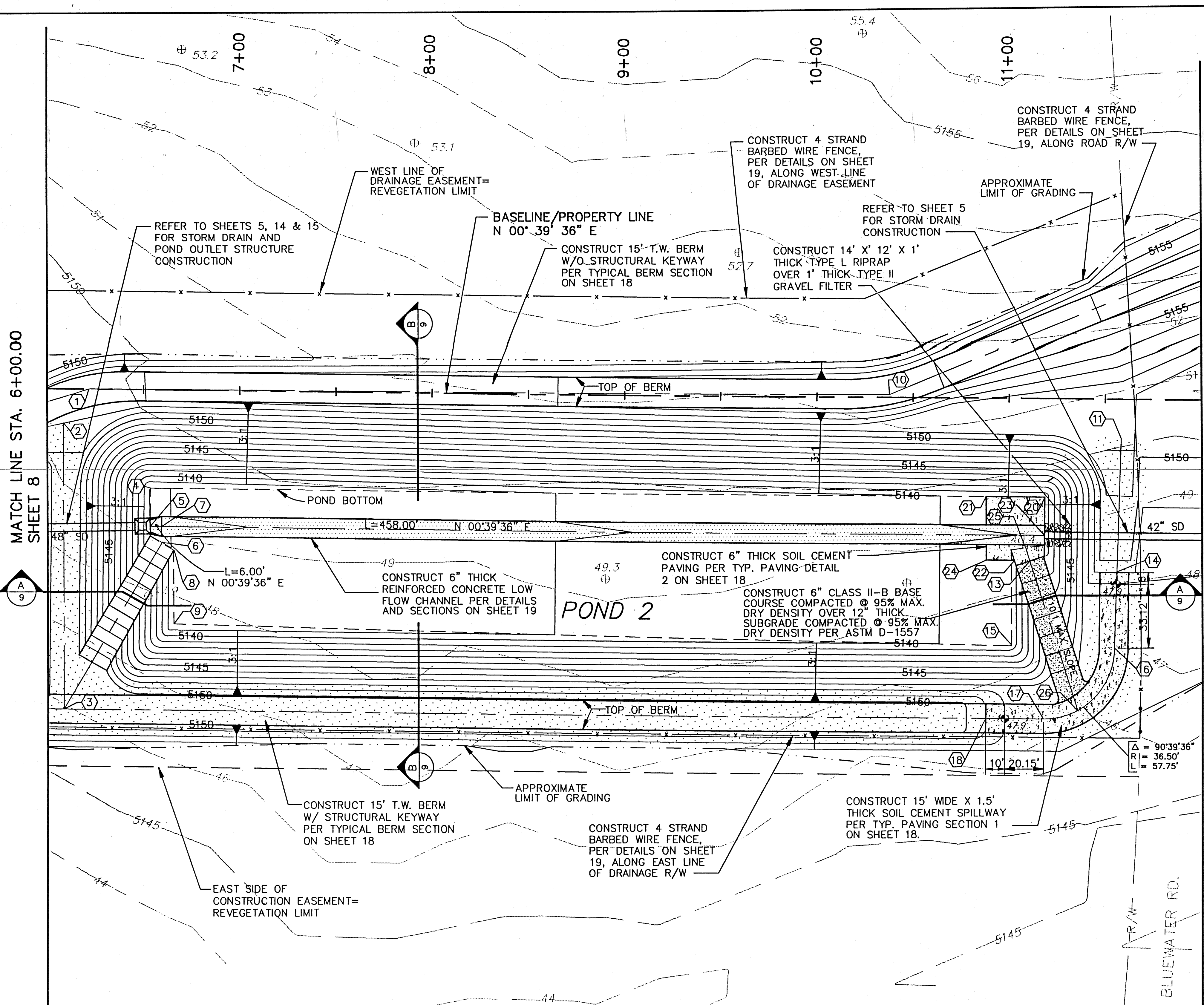
REMARKS

DATE 10/93
DATE 10/93
DATE 9/94

ENGINEER'S SEAL

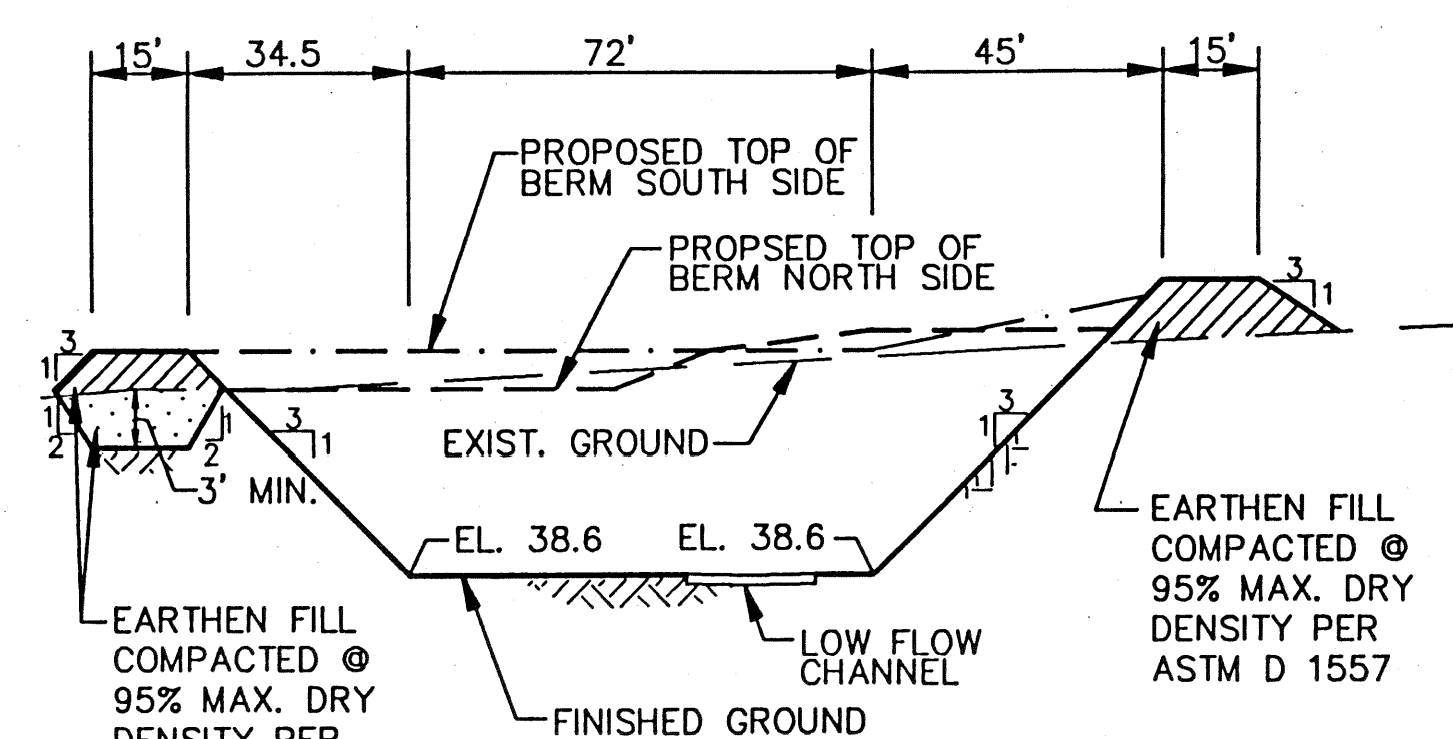
CHARLES M. EASTERLING, P.E.
N.M.P.E. No. 6411

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DATE: 11-18-96 10:36:27

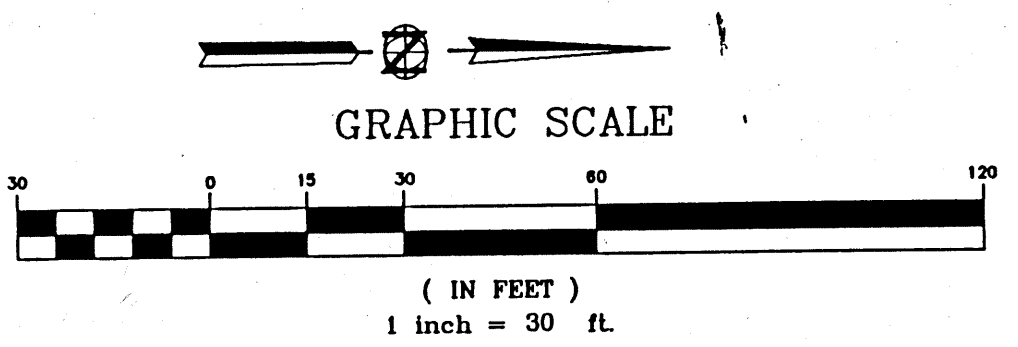


POND 2 POINT DATA

POINT I.D. NO.	STA.	OFFSET (FT)	ELEV.	POINT DESCRIPTION
1	6+21.5	0.0	5152.5	P.I. OF BERM
2	6+08.4	17.7' RT	5152.0	☉ OF BERM, END OF STRUCTURAL KEY WAY
3	6+10.2	165.5' RT	5150.1	☉ OF BERM AND MAINT. RAMP
4	6+54.0	51.0' RT	5138.0	S.W. CORNER OF POND BOTTOM
5	6+54.0	70.67' RT	5137.40	☉ LOW FLOW CHANNEL ☉ FACE OF OUTLET
6	6+80.23	78.9' RT	5138.0	☉ MAINT. RAMP ☉ END OF RAMP
7	6+60.00	70.67' RT	5137.70	☉ LOW FLOW CHANNEL ☉ END OF TRANSITION
8	6+66.2	82.7' RT	5138.0	SOUTH EDGE OF POND BOTTOM ☉ EDGE OF MAINTENANCE RAMP
9	6+66.0	121.1' RT	5138.1	S.E. CORNER OF POND BOTTOM
10	10+37.6	1.4' LT	5154.8	P.I. ☉ OF BERM
11	11+58.3	20.3' RT	5151.3	☉ OF BERM, END OF STRUCTURAL KEY WAY
12	NOT USED			
13	11+11.3	84.1' RT	5141.0	☉ MAINTENANCE RAMP ☉ EDGE OF SOIL CEMENT PAVING
14	11+55.2	89.4' RT	5149.0	☉ OF SPILLWAY PAVING & BERM ☉ EDGE OF PAVING
15	11+02.3	128.0' RT	5140.3	N.E. CORNER OF POND BOTTOM
16	11+55.6	128.6' RT	5147.9	☉ OF SPILLWAY PAVING ☉ P.T.
17	11+19.1	165.5' RT	5147.9	☉ OF SPILLWAY PAVING ☉ P.T.
18	10+89.1	165.5' RT	5149.0	☉ OF SPILLWAY PAVING & BERM ☉ EDGE OF PAVING
19	NOT USED			
20	11+18.8	51.0' RT	5140.3	N.W. CORNER OF POND BOTTOM/SOIL CEMENT PAVING
21	10+88.7	51.0' RT	5140.2	W. EDGE OF POND BOTTOM ☉ S. EDGE OF SOIL CEM. PAV.
22	11+03.3	78.6' RT	5140.2	N. EDGE OF POND BOTTOM ☉ E. EDGE OF SOIL CEM. PAV.
23	11+18.80	70.67' RT	5140.05	☉ LOW FLOW CHANNEL ☉ END OF STORM DRAIN
24	10+88.76	83.7' RT	5140.2	S.E. CORNER OF SOIL CEMENT PAVING
25	11+09.0	77.2' RT	5140.3	☉ OF MAINT. RAMP ☉ END OF RAMP
26	11+36.9	160.9' RT	5147.9	☉ OF MAINT. RAMP ☉ ☉ OF SPILLWAY PAVING



- LEGEND**
- PROPOSED FEATURES**
- 43.9 ☉ SPOT ELEVATION
 - 5135 ——— CONTOUR
 - [Pattern] RIPRAP
 - [Pattern] SOIL CEMENT PAVING
 - [Pattern] AREA TO BE OVEREXCAVATED FOR BERM STRUCTURAL KEYWAY
 - [Pattern] REINFORCED CONCRETE PAVING
 - [Pattern] COMPACTED EARTHEN FILL
 - [Pattern] BASE COURSE SURFACE
 - [Symbol] POND OUTLET STRUCTURE
 - [Symbol] PIPE GATE (BY OTHERS)
 - [Symbol] BARBED WIRE FENCE
- EXISTING FEATURES**
- 49.8 ☉ SPOT ELEVATION
 - 5150 ——— CONTOUR

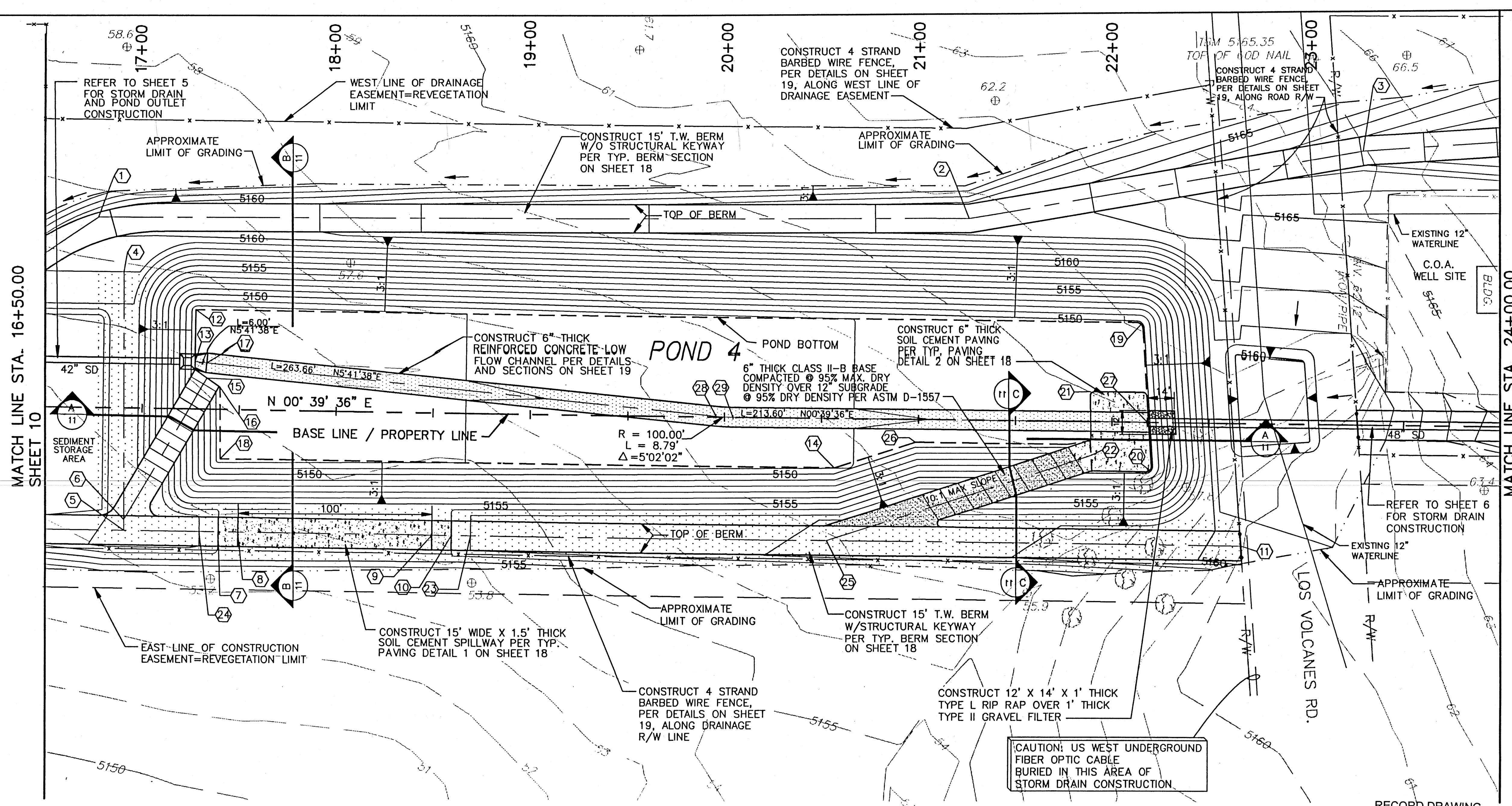


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CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY					
TITLE: UNSER DIVERSION POND 2 GRADING PLAN AND SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					
PROJECT NO. 3324.0		MAP NO. Z-K9		SHEET 9 OF 25	

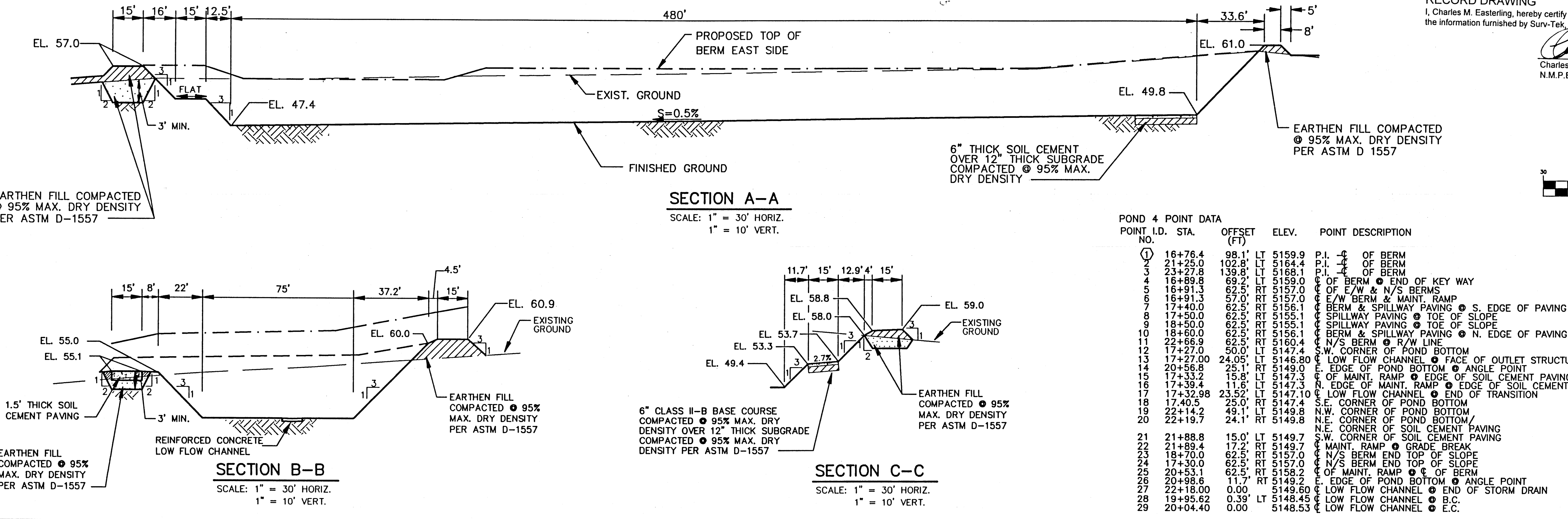
AS BUILT INFORMATION					
CONTRACTOR	STATION NAME: I-40-2A	DATE	DATE	DATE	DATE
INSPECTOR'S NAME	N.M.S.H.C. BRASS TABLET LOCATED ON THE NORTH SIDE OF U.S. HWY I-40 AND ABOUT 465' EAST OF UNSER BLVD.	4-93	4-93	4-93	4-93
INSPECTOR'S NO.	OVERPASS				
INSPECTOR'S DATE					
INSPECTOR'S TIME					
INSPECTOR'S LOCATION					
INSPECTOR'S COMMENTS					
INSPECTOR'S SIGNATURE					
INSPECTOR'S TITLE					
INSPECTOR'S FIRM					
INSPECTOR'S PHONE					
INSPECTOR'S FAX					
INSPECTOR'S E-MAIL					
INSPECTOR'S WEBSITE					
INSPECTOR'S ADDRESS					
INSPECTOR'S CITY					
INSPECTOR'S STATE					
INSPECTOR'S ZIP					
INSPECTOR'S COUNTRY					
INSPECTOR'S COMMENTS					
INSPECTOR'S SIGNATURE					
INSPECTOR'S TITLE					
INSPECTOR'S FIRM					
INSPECTOR'S PHONE					
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DWG: T:\PROJECTS\TEMP\DWG\3324\POND4
DATE: 11-18-96 10:39:24



- LEGEND**
- PROPOSED FEATURES**
- 43.9 SPOT ELEVATION
 - 5135 CONTOUR
 - RIPRAP
 - SOIL CEMENT PAVING
 - AREA TO BE OVEREXCAVATED FOR BERM STRUCTURAL KEYWAY
 - REINFORCED CONCRETE PAVING
 - COMPACTED EARTHEN FILL
 - BASE COURSE SURFACE
 - POND OUTLET STRUCTURE
 - PIPE GATE(BY OTHERS)
 - BARBED WIRE FENCE
- EXISTING FEATURES**
- 49.8 SPOT ELEVATION
 - 5150 CONTOUR

AS BUILT INFORMATION			
CONTRACTOR	STATION NAME: I-40-20A	DATE	DATE
INSPECTOR'S NAME	N.M.S.H.C. BRASS TABLET LOCATED ON THE NORTH SIDE OF U.S. HWY. I-40 AND ABOUT 465' EAST OF UNSER BLVD.	DATE	DATE
FIELD ENGINEER	U.S. HWY. I-40 AND ABOUT 465' EAST OF UNSER BLVD.	DATE	DATE
VERIFICATION BY	OVERPASS	DATE	DATE
RECORDED BY		DATE	DATE
NO.		DATE	DATE



POND 4 POINT DATA

POINT NO.	I.D.	STA.	OFFSET (FT)	ELEV. (FT)	POINT DESCRIPTION
1	16+76.4	98.1	LT	5159.9	P.I. OF BERM
2	21+25.0	102.8	LT	5164.4	P.I. OF BERM
3	23+27.8	139.8	LT	5168.1	P.I. OF BERM
4	16+89.8	69.2	RT	5159.0	END OF KEYWAY
5	16+91.3	62.5	RT	5157.0	END OF KEYWAY
6	17+40.0	62.5	RT	5156.1	END OF KEYWAY
7	17+40.0	62.5	RT	5156.1	END OF KEYWAY
8	17+50.0	62.5	RT	5155.1	END OF KEYWAY
9	18+50.0	62.5	RT	5155.1	END OF KEYWAY
10	18+50.0	62.5	RT	5155.1	END OF KEYWAY
11	22+66.9	62.5	RT	5160.4	END OF KEYWAY
12	17+27.0	50.0	LT	5147.4	S.W. CORNER OF POND BOTTOM
13	17+27.0	24.05	LT	5146.80	FACE OF OUTLET STRUCTURE
14	20+56.8	25.1	RT	5149.0	FACE OF OUTLET STRUCTURE
15	17+33.2	15.8	LT	5147.3	FACE OF OUTLET STRUCTURE
16	17+39.4	11.8	LT	5147.3	FACE OF OUTLET STRUCTURE
17	17+32.98	23.52	LT	5147.10	FACE OF OUTLET STRUCTURE
18	17+40.5	25.0	RT	5147.4	FACE OF OUTLET STRUCTURE
19	22+14.2	49.1	LT	5149.8	FACE OF OUTLET STRUCTURE
20	22+19.7	24.1	RT	5149.8	FACE OF OUTLET STRUCTURE
21	21+88.8	15.0	LT	5149.7	FACE OF OUTLET STRUCTURE
22	21+89.4	17.2	RT	5149.7	FACE OF OUTLET STRUCTURE
23	18+70.0	62.5	RT	5157.0	FACE OF OUTLET STRUCTURE
24	17+30.0	62.5	RT	5157.0	FACE OF OUTLET STRUCTURE
25	20+53.1	25.1	RT	5149.0	FACE OF OUTLET STRUCTURE
26	20+98.6	11.7	RT	5149.2	FACE OF OUTLET STRUCTURE
27	22+18.00	0.00	LT	5149.60	FACE OF OUTLET STRUCTURE
28	19+95.62	0.39	LT	5148.45	FACE OF OUTLET STRUCTURE
29	20+04.40	0.00	LT	5148.53	FACE OF OUTLET STRUCTURE

SURVEY INFORMATION			
NO.	BY	DATE	DATE
TOPO	REO SERVICE	4-93	4-93
ENGINEER'S SEAL			
REVISIONS			
NO.	DATE	DESIGNED BY	DATE
		DRAWN BY	DATE
		CHECKED BY	DATE

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/B
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

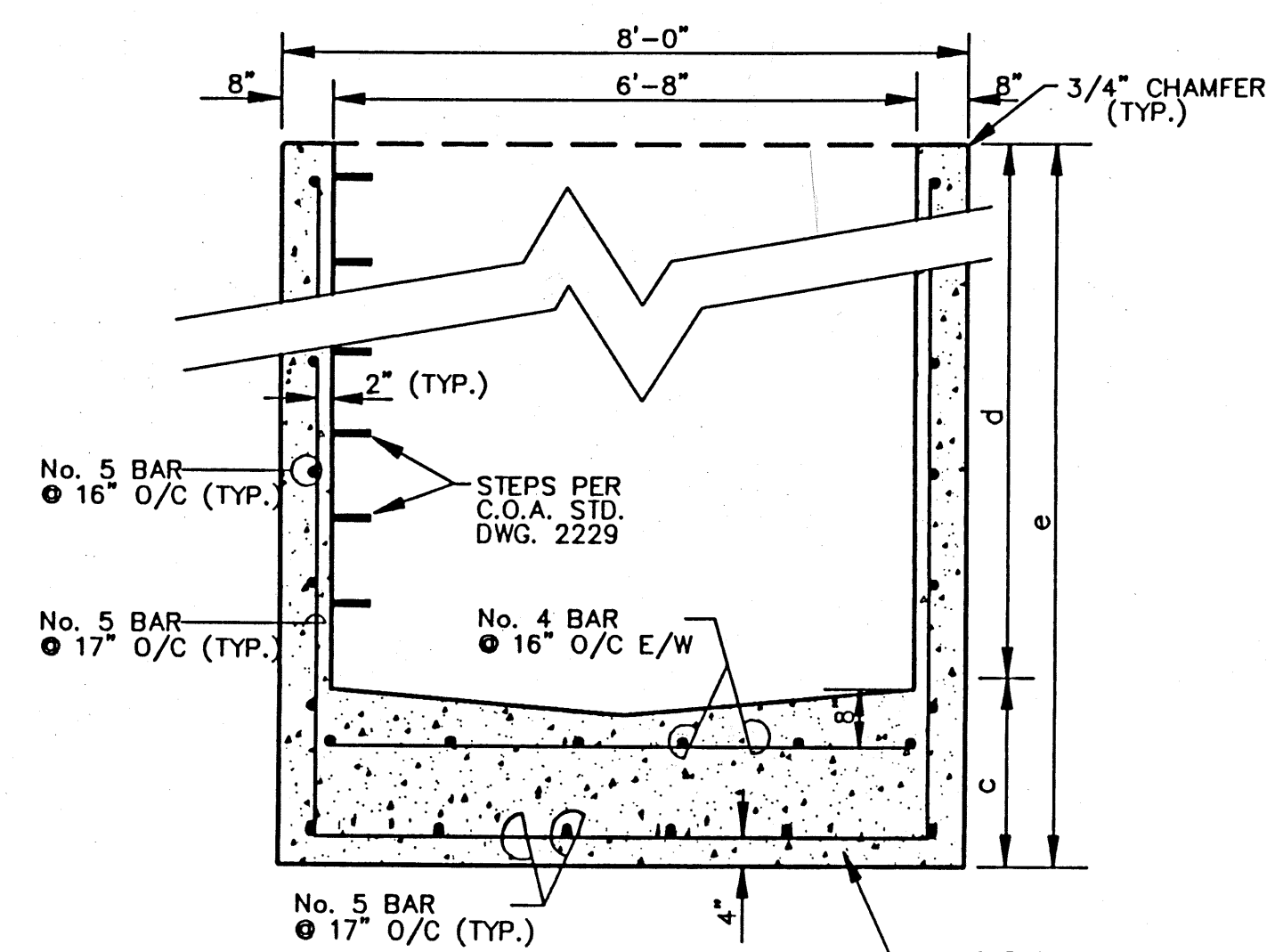
TITLE: UNSER DIVERSION POND 4 GRADING PLAN AND SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

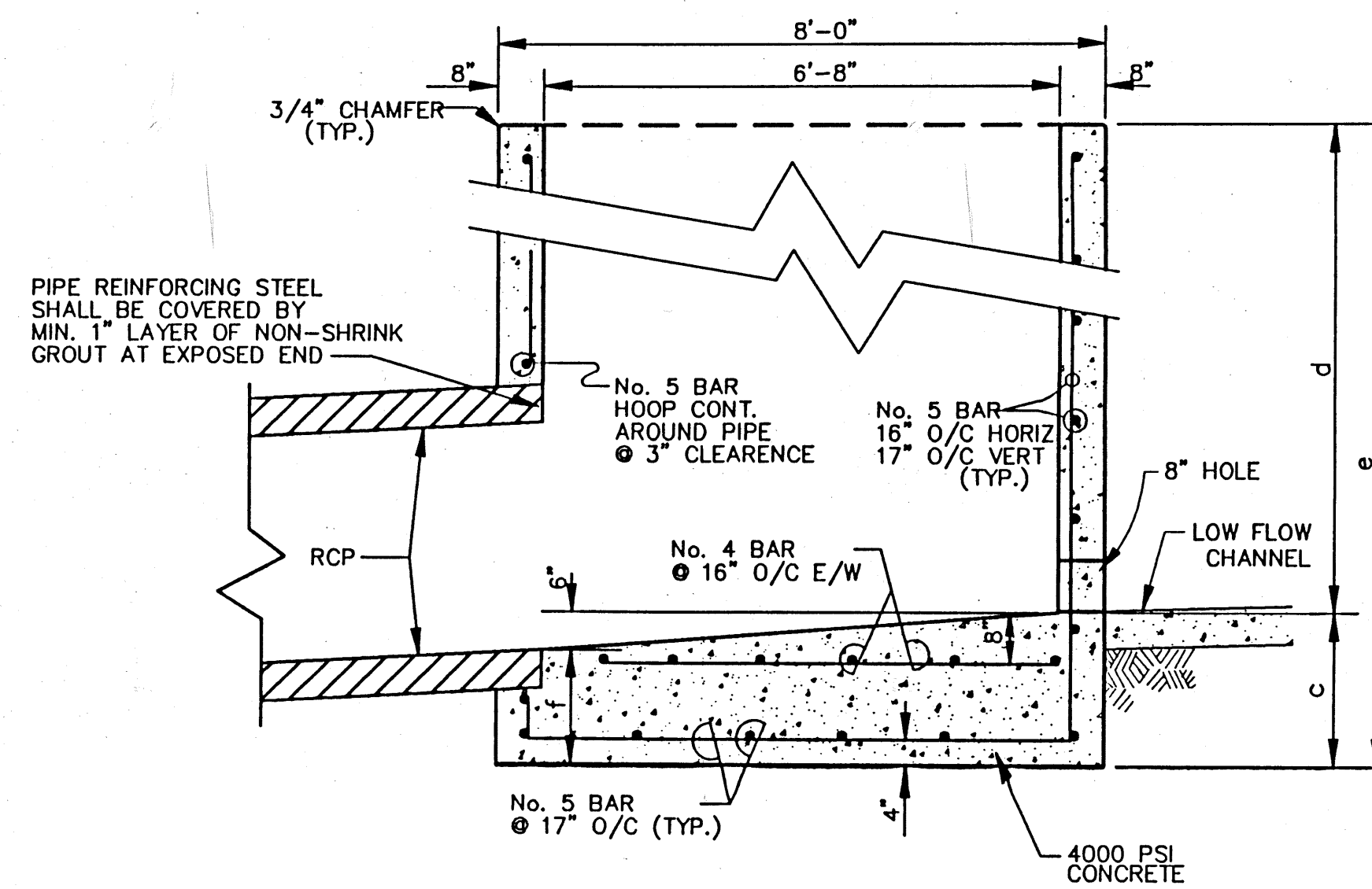
3324.0 MAP NO. Z-K9 SHEET 11 OF 25

NOTE: ACCURATE PLACEMENT OF REINFORCING STEEL TO THE DIMENSIONS SHOWN IS REQUIRED TO FACILITATE CORING OF HOLES THROUGH THE FRONT WALL OF THE STRUCTURE.

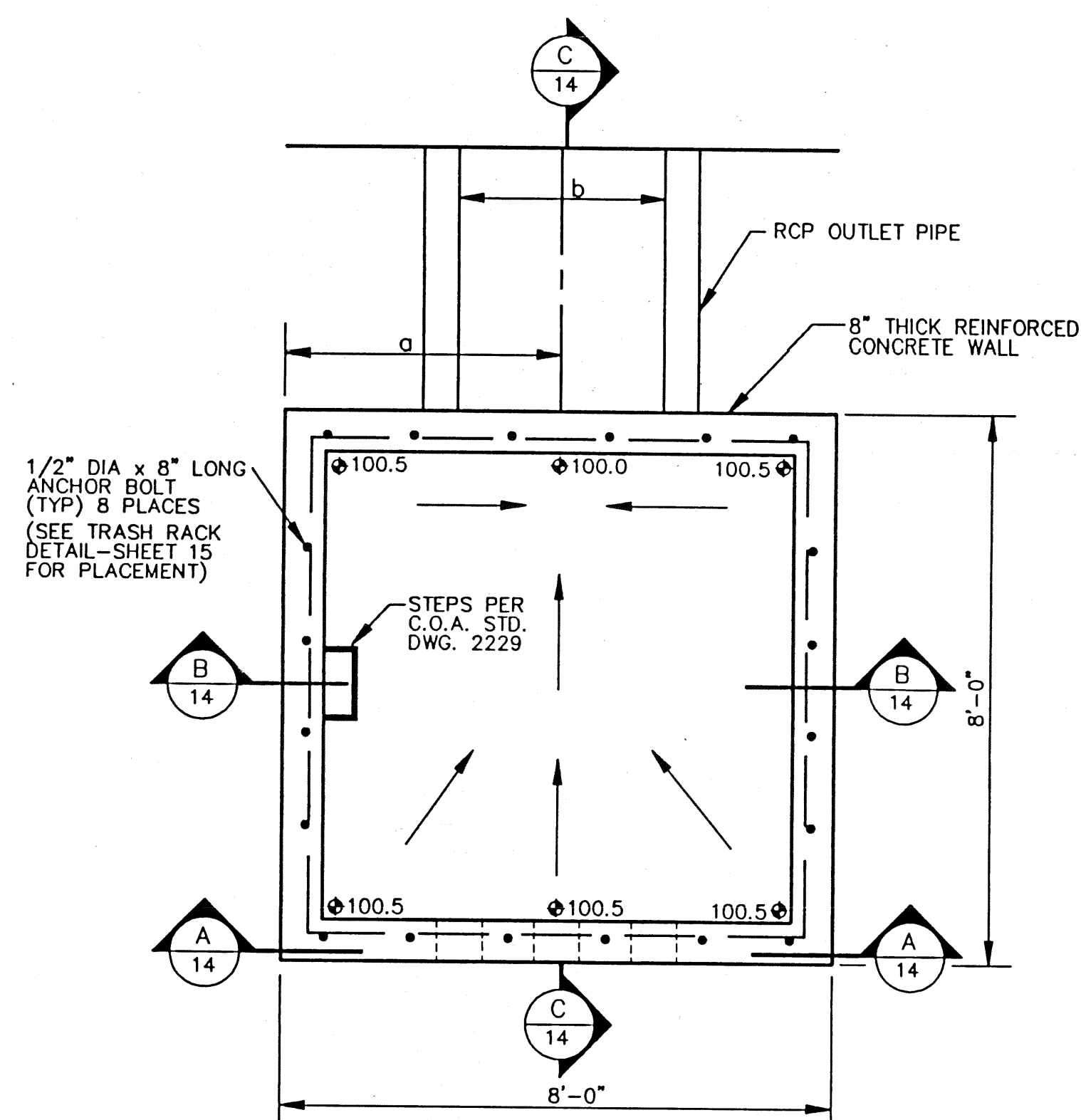
SECTION A-A
NOT TO SCALE



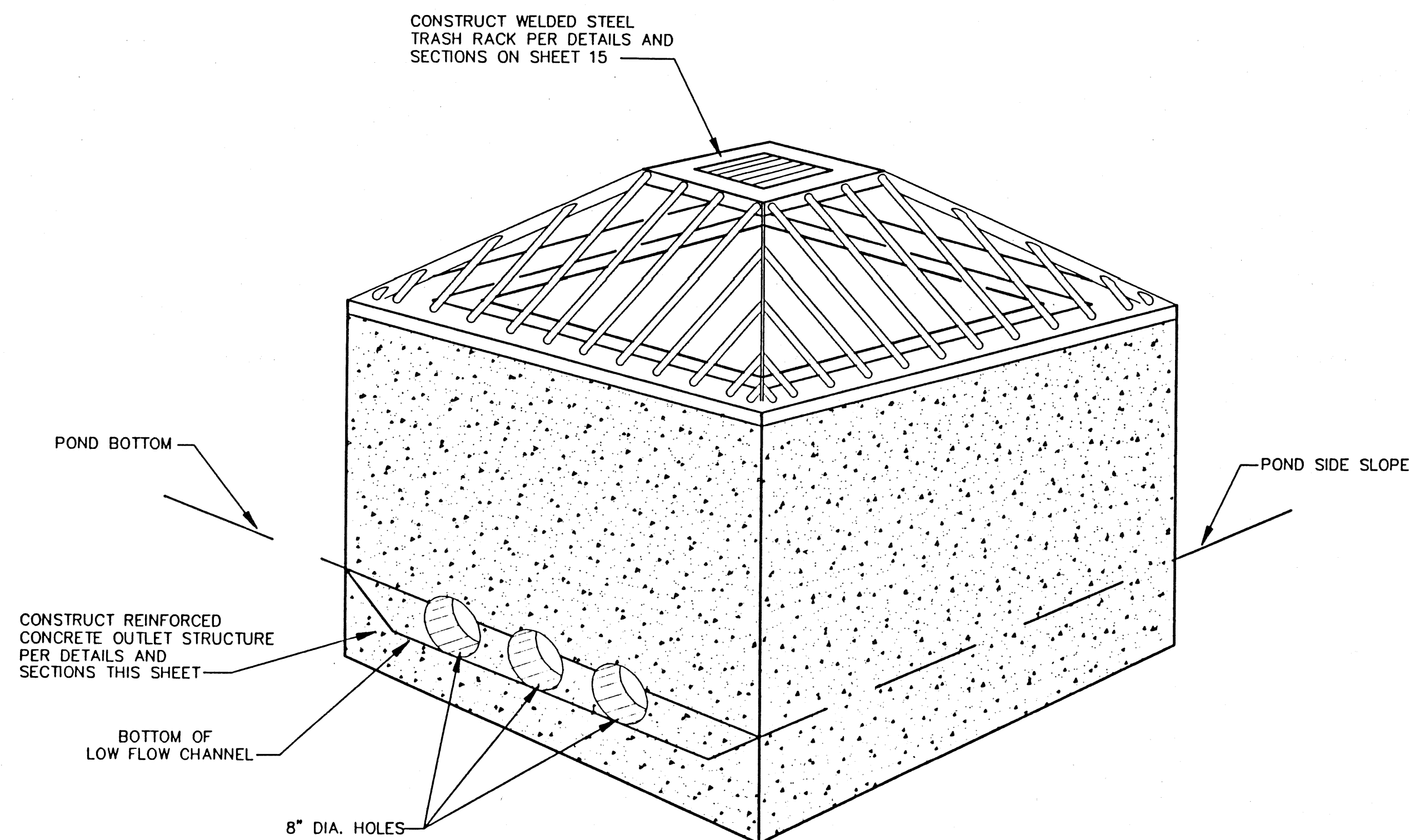
SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



OUTLET STRUCTURE DETAIL - PLAN
SCALE: 1" = 2'



ISOMETRIC - CONCRETE OUTLET STRUCTURE
NOT TO SCALE

CONCRETE OUTLET STRUCTURE DIMENSIONS							
POND No.	* a	b	c	d	e	f	TOP OF WALL ELEVATION
1	4'-0"	3'-6"	3'-1"	8'-0"	11'-1"	2'-7"	5141.0
2	4'-0"	4'-0"	2'-11"	7'-4 $\frac{3}{4}$ "	10'-3 $\frac{3}{4}$ "	2'-5"	5144.8
3	4'-0"	3'-6"	2'-5"	5'-0"	7'-5"	1'-11"	5147.5
4	4'-0"	3'-6"	2'-5"	5'-1 $\frac{1}{2}$ "	7'-6 $\frac{1}{2}$ "	1'-11"	5151.9
5	4'-0"	4'-0"	2'-4"	4'-5"	6'-9"	1'-8"	5164.0
6	2'-0"	3'-0"	2'-9"	6'-6"	9'-3"	2'-3"	5176.0

* THE "a" DIMENSION IS THE DISTANCE FROM THE CENTERLINE OF PIPE TO THE RIGHT OUTSIDE EDGE OF THE OUTLET STRUCTURE.

RECORD DRAWING

I, Charles M. Easterling, hereby certify that these drawings have been revised in accordance with the information furnished by Surv-Tek, Inc. to reflect the construction as actually accomplished.

Charles M. Easterling, P.E.
N.M.P.E. No. 6411

Date _____

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL
AUTHORITY

TITLE:	UNSER DIVERSION OUTLET STRUCTURE DETAILS AND SECTIONS
--------	---

DETAILS AND SIGNATURES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO.	3324.0	MAP NO.	Z-K9	SHEET	14	OF	25
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SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES						
NO.	BY	DATE				
TOPO	GEO SERVICE	04-93	STATION NAME: I-40-20A			
			N.M.S.H.C. BRASS TABLET LOCATED ON THE NORTH SIDE OF U.S. HWY. I-40 AND ABOUT 485' EAST OF UNSER BLVD.			
			OVERPASS			
			DRAWINGS CONTROLLED BY			
			DATE			
			MICRO-FILM INFORMATION			
			NORTHING: 1,490,198.97			
			EASTING: 365,926.16			
			RECORDED BY			
			DATE			
			NO.			

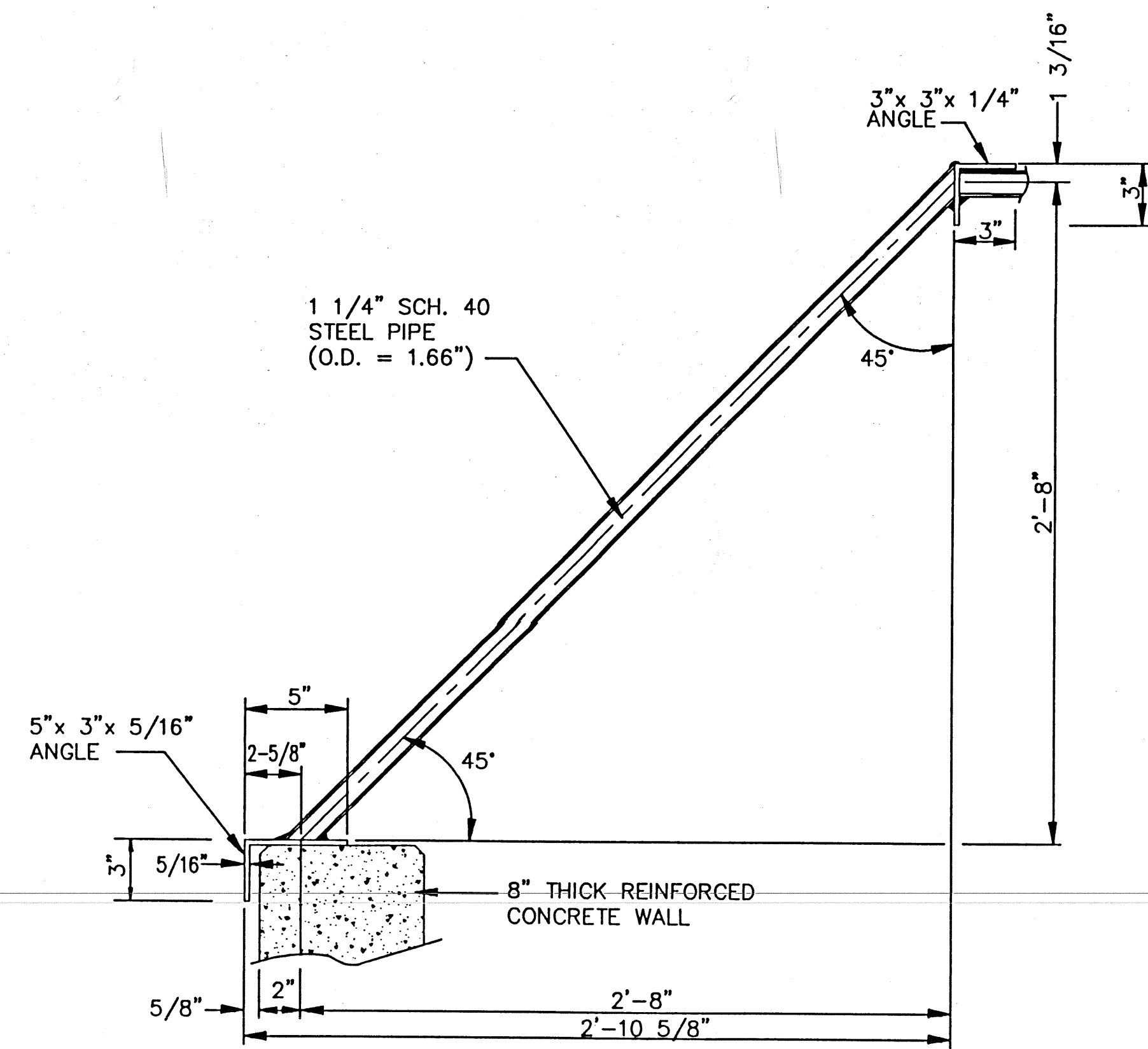
ENGINEERS SEAL

96-12-11

PROFESSIONAL ENGINEER
1211
DISTRICT

[Signature]

<i>REVISIONS</i>					
DESIGN					
NO.	DATE	REMARKS	BY	DESIGNED BY	VSF
				DRAWN BY	ALM.PMT./MM
				CHECKED BY	VSF CME
				DATE	10 /93
				DATE	9 /94



12" x 8" x 5/16" STEEL PLATE

5" x 3" x 5/16" ANGLE

8" THICK REINFORCED CONCRETE WALL

8"

1-1/2"

11-5/8" WIDE x 3" HIGH x 5/16" THICK STEEL PLATE

3/8" THICK x 1" HIGH x 1-1/2" LONG TAB WELDED TO OUTSIDE OF 3" x 5" x 5/16" ANGLE. BORE 3/8" DIA. HOLE CENTERED 1/2" FROM END OF FLANGE. END TAB RADIUS = 1/2"

[illegible]

RECORD DRAWING
I, Charles M. Easterling, hereby certify that these drawings have been revised in accordance with the information furnished by Surv-Tek, Inc. to reflect the construction as actually accomplished.

1'-0"

2 1/8"

7 3/4"

1 7/8"

4"

1 1/4" SCH. 40 STEEL PIPE

1/2" DIA. x 1" LONG STUD BOLT AND NUT

12" x 5" x 5/16" STEEL PLATE

5" x 3" x 5/16" STEEL ANGLE

SECTION B-B

NOT TO SCALE

5"

3 9/16"

3"

3"

1/2" DIA. x 8" LONG ANCHOR BOLT AND NUT

3" x 5" x 5/16" STEEL ANGLE

8" THICK REINFORCED CONCRETE WALL

12" LONG. 3"x6 1/4"x3"x1/4" FABRICATED CHANNEL WELD TO 1 1/4" STEEL PIPES ONLY NO WELD CONNECTION TO TOP FRAME, 2 CENTER PIPES AT EAST SIDE OF RACK ONLY. ALL OTHER PIPES WELDED DIRECTLY TO TOP AND BOTTOM ANGLES.

1 1/4" SCH. 40 STEEL PIPE (O.D. = 1.66")

45°

45°

3/16"

6 1/4"

5 1/2"

3"x 3"x 1/4" ANGLE

2'-8"

3"x 3"x 5/16" STEEL PLATE (TYP. BOTH)

3"

5"

2-5/8"

45°

8" THICK REINFORCED CONCRETE WALL

5"x 3"x 5/16" ANGLE

9/16"

2"

2'-8"

2'-10 5/8"

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES						
NO.	BY	DATE				
TOPO	GEO SERVICE	4-93	STATION NAME: I-40--20A			
			N.M.S.H.C. BRASS TABLET LOCATED ON THE NORTH SIDE OF U.S. HWY. I-40 AND ABOUT 465' EAST OF UNSER BLVD.			
			OVERPASS			
			WORK DONE BY			
			INSPECTOR'S			
			PERMITANCE BY			
			VERIFICATION BY			
			DATE			
			DATE			
			DRAWN BY			
			CHECKED BY			
			MICRO-FILM INFORMATION			
			NORTHING: 1,490,199.7			
			EASTING: 365,926.16			
			ELEVATION: 5165.89			
			NO.			

ENGINEERS SEAL

11-12-96

REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
0011

DR. WILLIAM E. HARRIS

NO.	DATE	REMARKS	BY
<i>REVISIONS</i>			
DESIGN			
DESIGNED BY	VSF_JML	DATE	10/93
DRAWN BY	PMT_JMM	DATE	10/93
CHECKED BY	VSF_CME	DATE	9/94

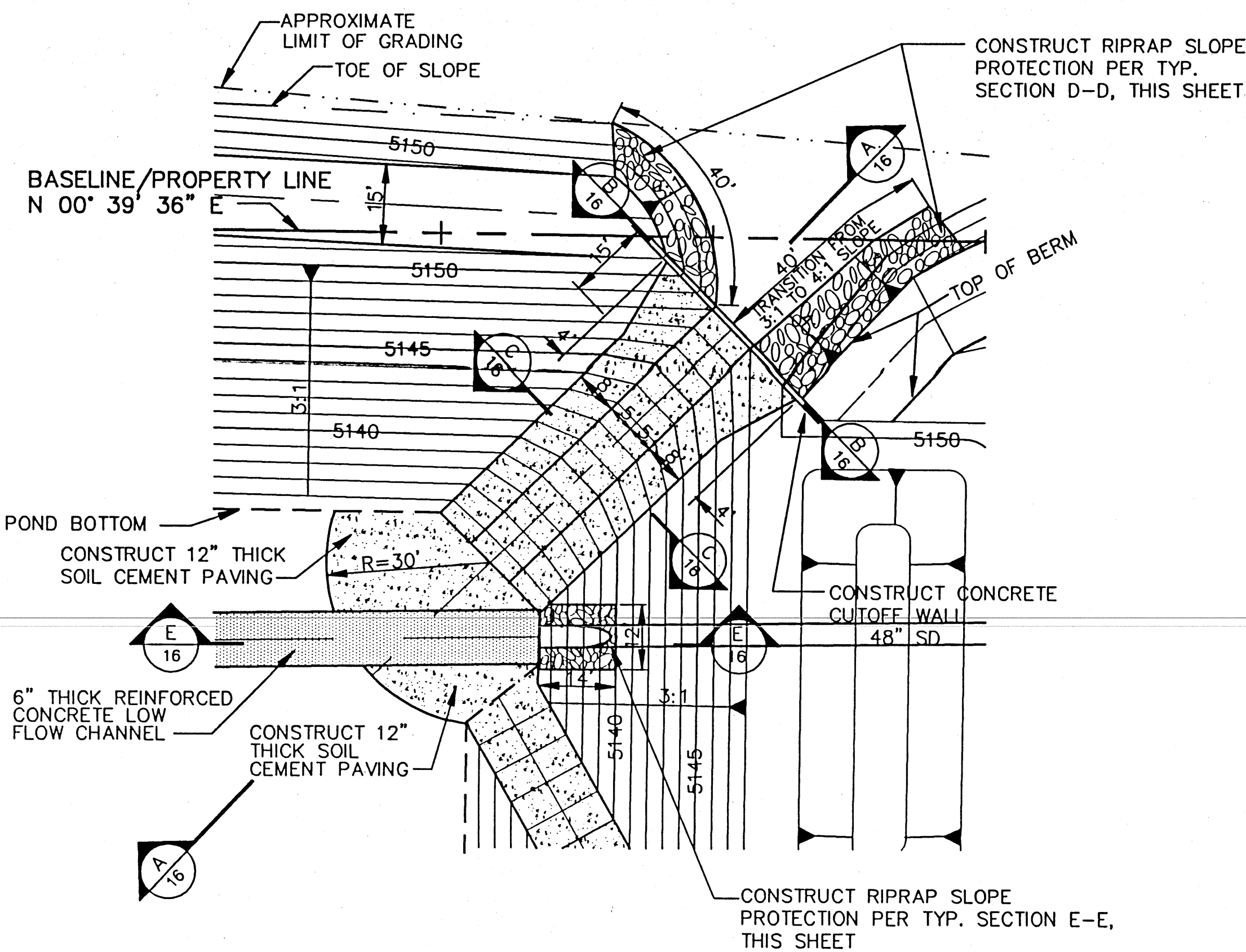
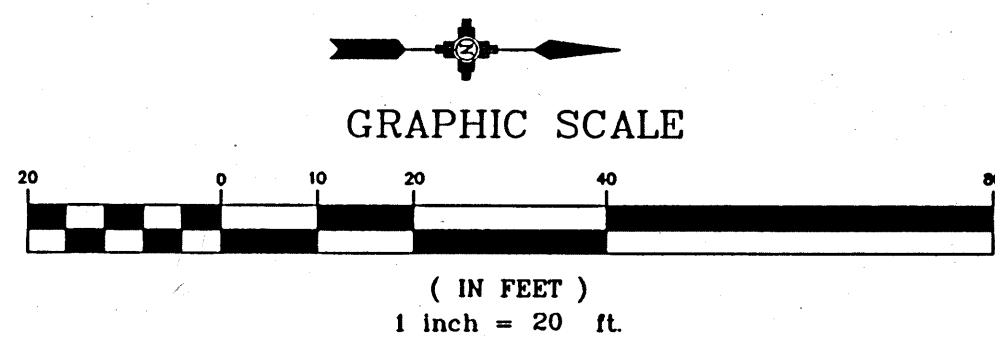
EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL
AUTHORITY

TITLE: **UNSER DIVERSION
OUTLET STRUCTURE TRASH RACK
DETAILS AND SECTIONS**

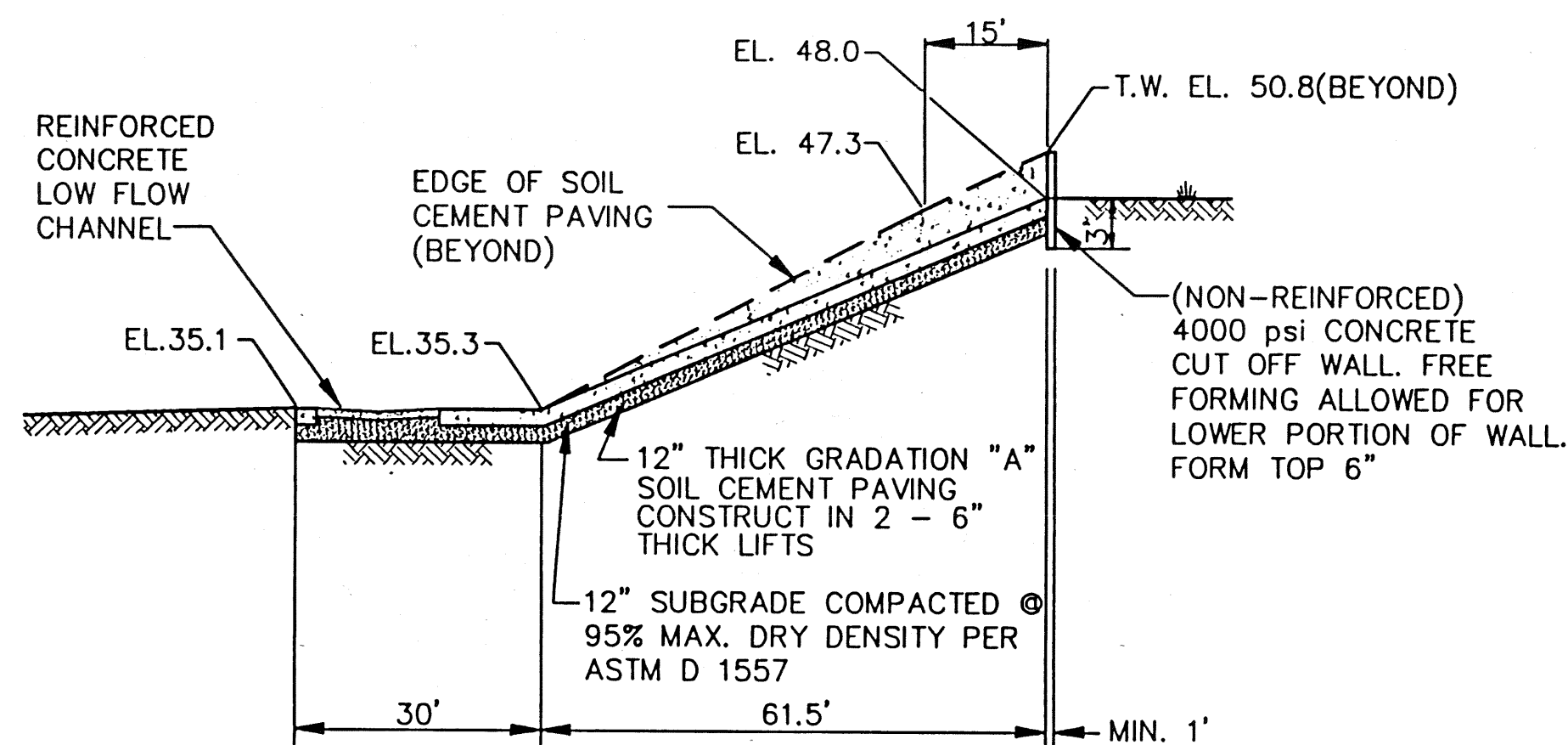
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO.	3324.0	MAP NO.	Z-K9	SHEET 15 OF 25
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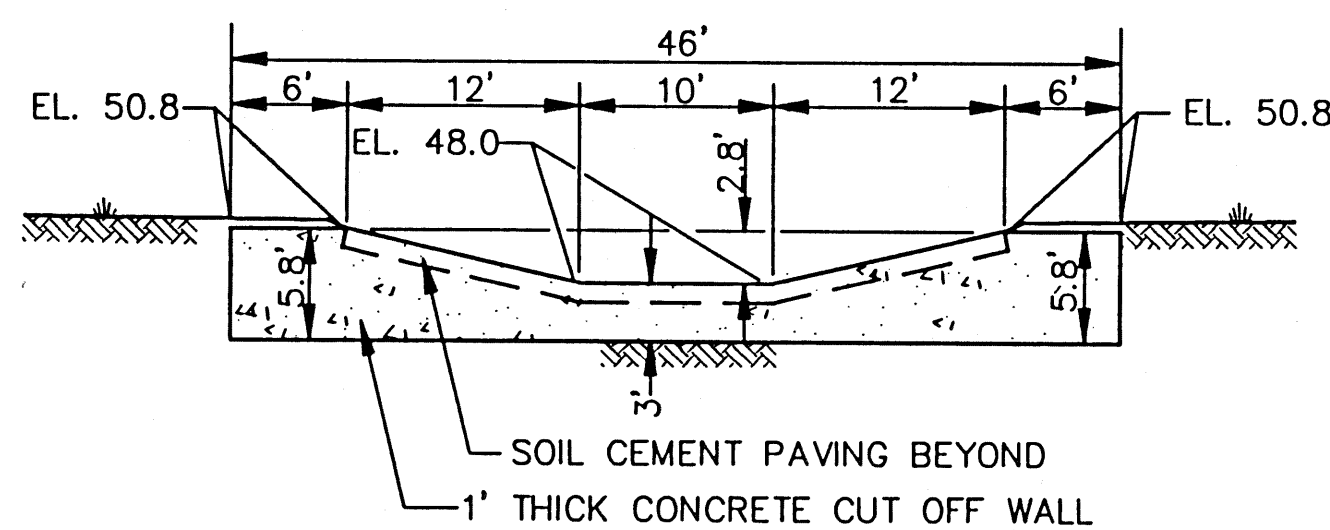
DETAIL A
POND 1 RUNDOWN STRUCTURE

SCALE: 1" = 20'



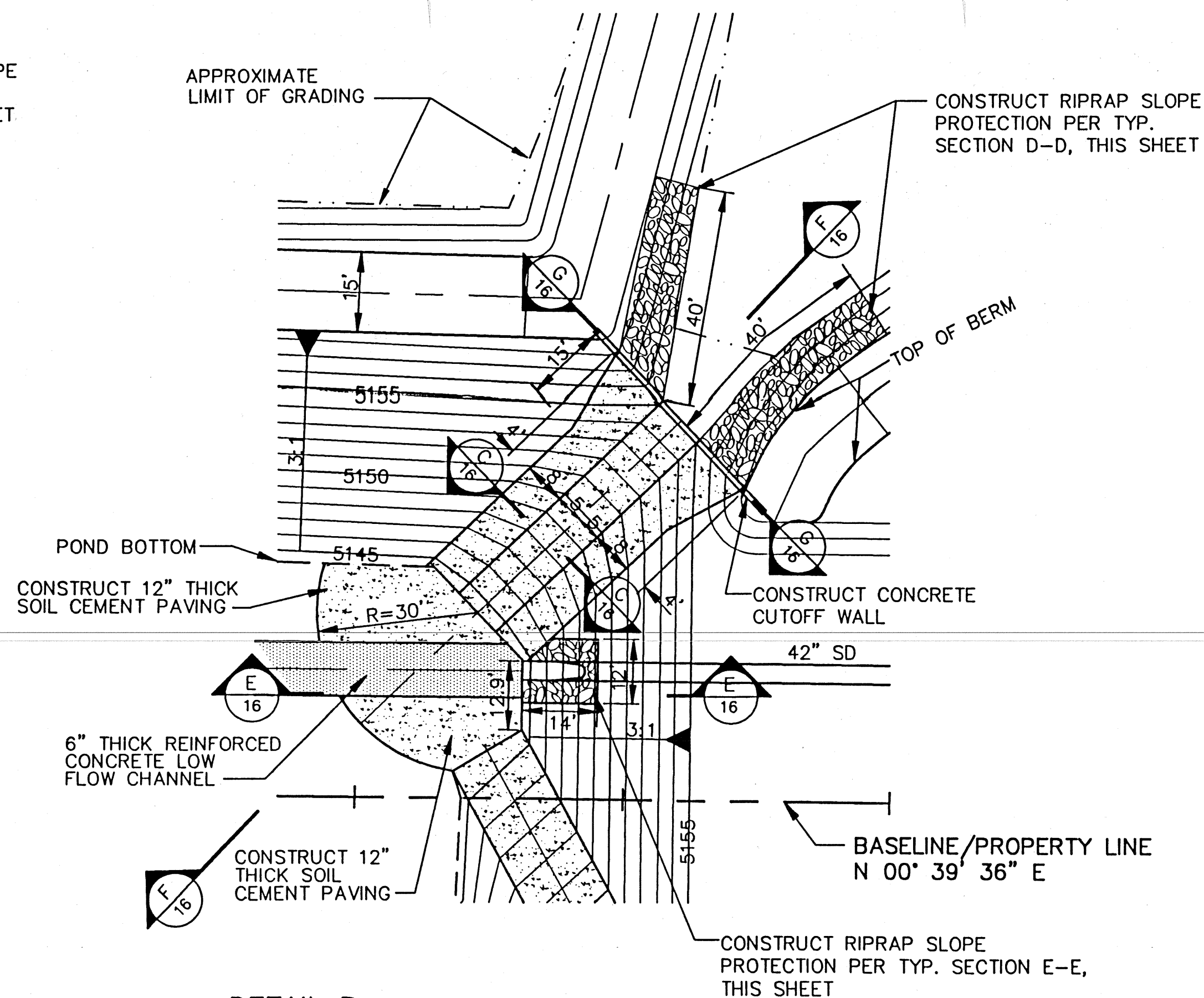
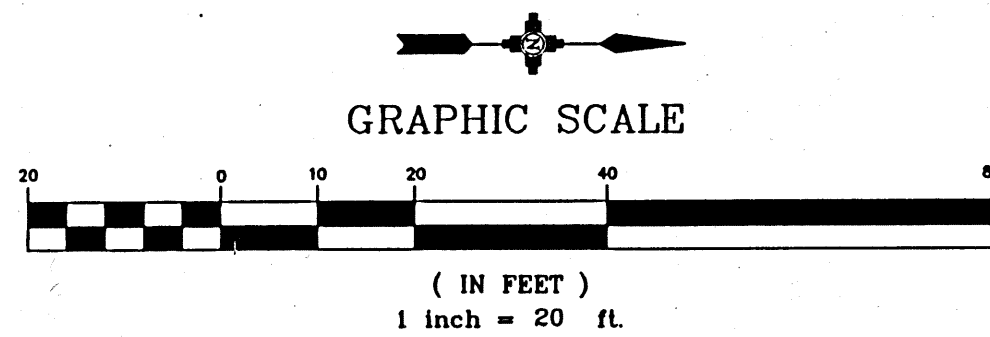
RUNDOWN STRUCTURE - SECTION A-A

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.



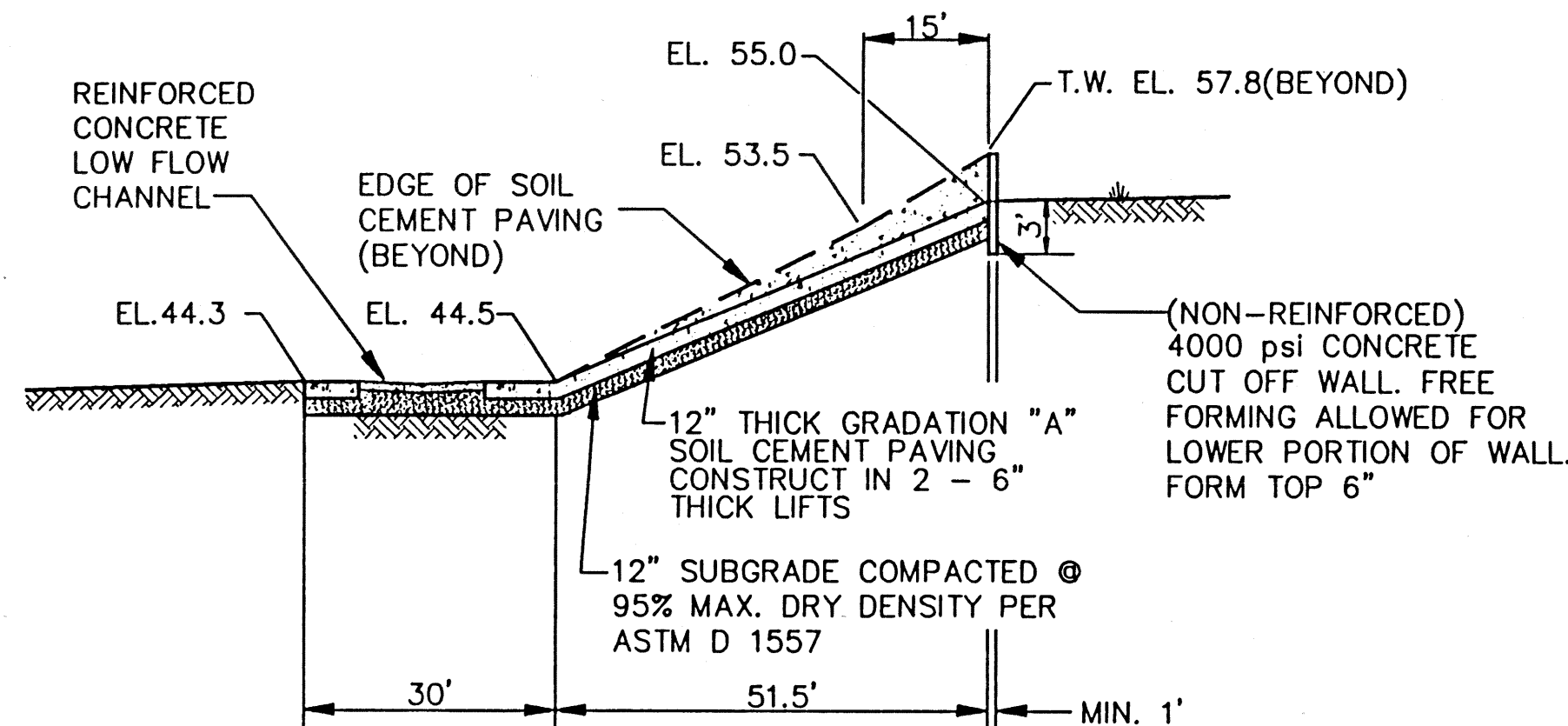
RUNDOWN CONCRETE CUT OFF WALL - SECTION B-B

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



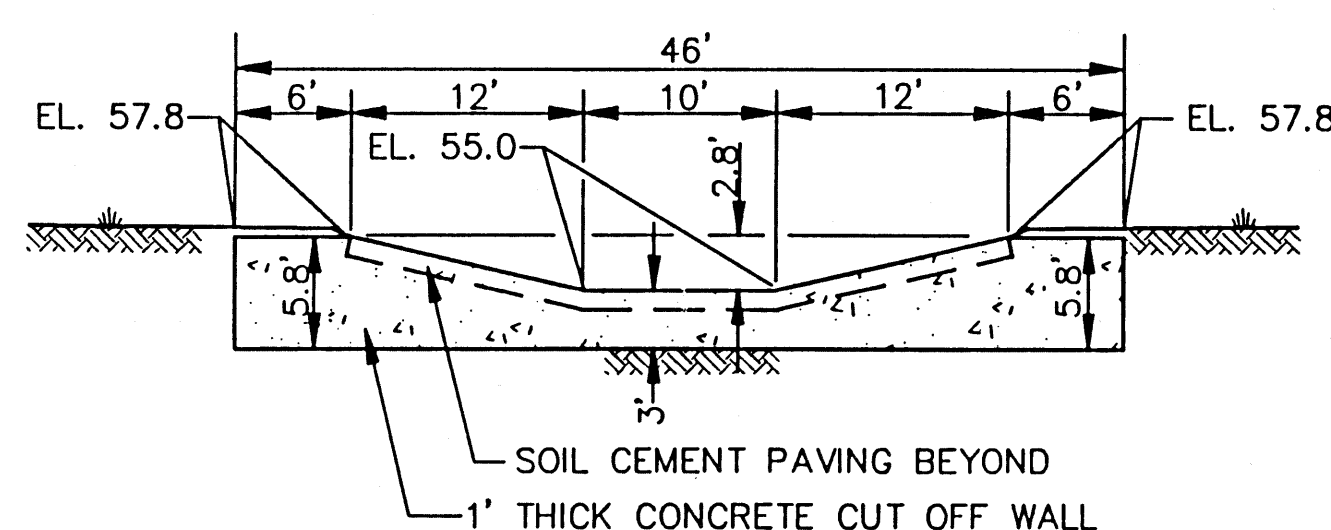
DETAIL B
POND 3 RUNDOWN STRUCTURE

SCALE: 1" = 20'



RUNDOWN STRUCTURE - SECTION F-F

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.



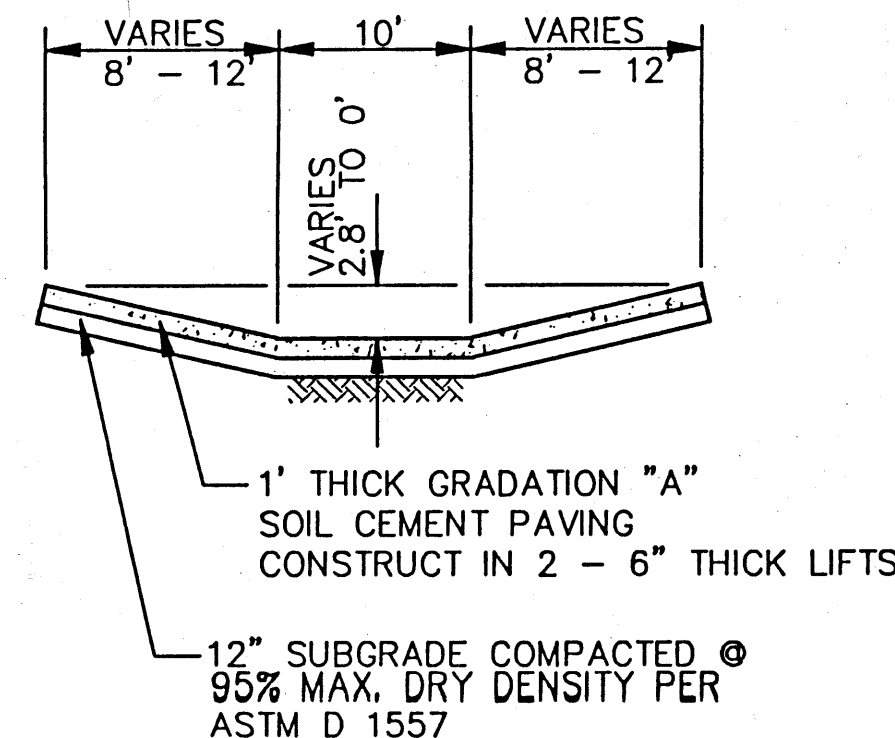
RUNDOWN CONCRETE CUT OFF WALL - SECTION G-G

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

RECORD DRAWING

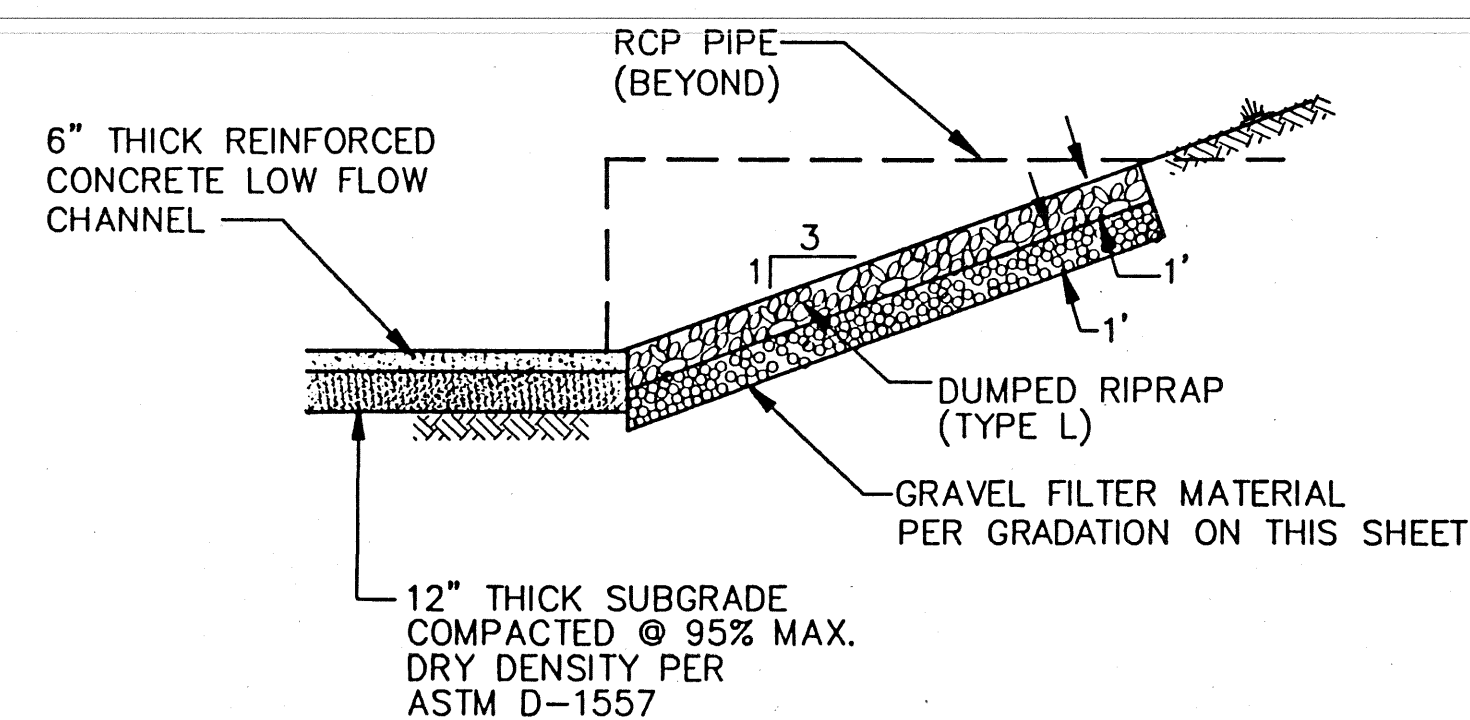
I, Charles M. Easterling, hereby certify that these drawings have been revised in accordance with the information furnished by Surv-Tek, Inc. to reflect the construction as actually accomplished.

Charles M. Easterling, P.E.
N.M.P.E. No. 6411
Date: 5-8-97



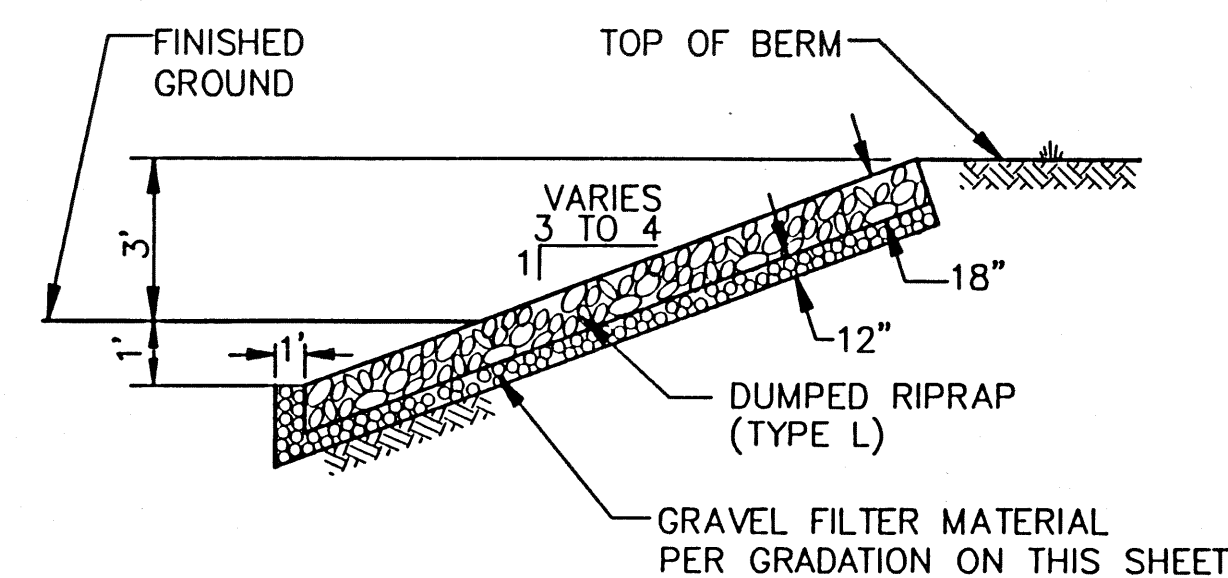
RUNDOWN STRUCTURE - SECTION C-C

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



RCP OUTLET - SLOPE PROTECTION - SECTION E-E

NOT TO SCALE



TYPICAL RIPRAP SLOPE PROTECTION - SECTION D-D

NOT TO SCALE

GRAVEL MATERIAL GRADATION MATERIAL

SIEVE SIZE	% PASSING BY WEIGHT
3"	80-100
3/4"	45-65
#4	25-45
#40	0-20
#200	0-5

PIT RUN FILTER MATERIAL MEETING THE ABOVE GRADATION REQUIREMENTS MAY BE USED WITHOUT SCREENING

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CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
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ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL
AUTHORITY

TITLE:
RUNDOWN STRUCTURE DETAILS AND SECTIONS
POND 1 AND POND 3

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO. 3324.0 MAP NO. Z-K9 SHEET 16 OF 25

AS BUILT INFORMATION

CONTRACTOR	STATION NAME	DATE	BY
	N.M.S.H.C. BRASS TABLET LOCATED ON THE NORTH SIDE OF 4-93 U.S. HWY. 1-40 AND ABOUT 465' EAST OF UNSER BLVD. OVERPASS	4-93	GEO SERVICE

BENCH MARKS

DATE	BY

NO. 1

DATE 10/93

DATE 10/93

DATE 9/94

SURVEY INFORMATION

NO.	DATE	BY

ENGINEER'S SEAL

NO.	DATE	BY

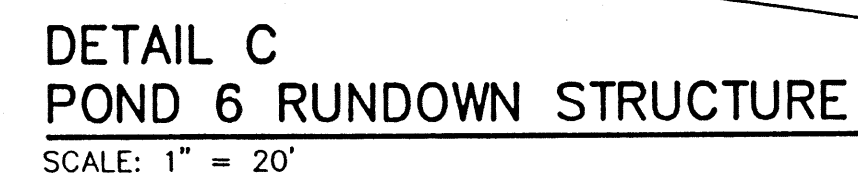
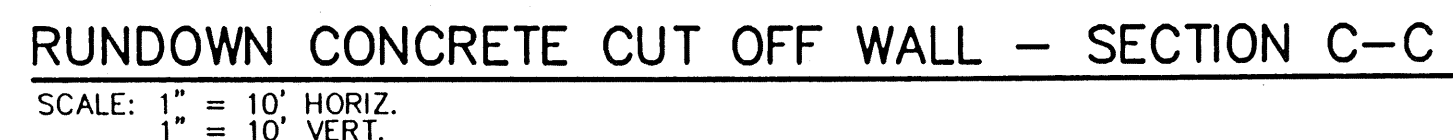
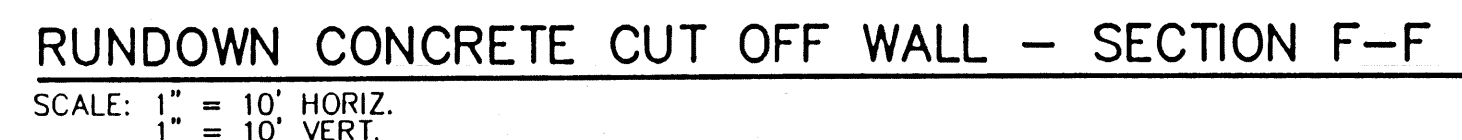
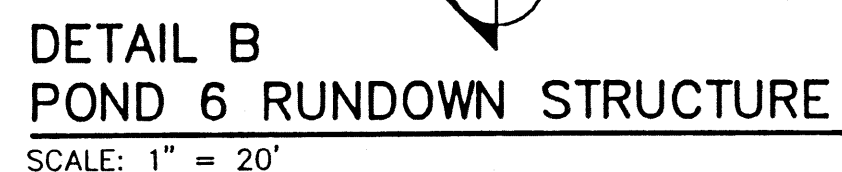
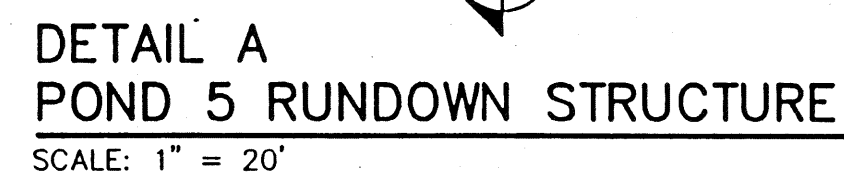
REVISIONS

NO.	DATE	BY

DESIGNED BY VSF

DRAWN BY PMT/JMM

CHECKED BY VSF/CME



RIPRAP - SECTION D-D
SCALE : 1" = 10' HORIZ
1" = 5' VERT

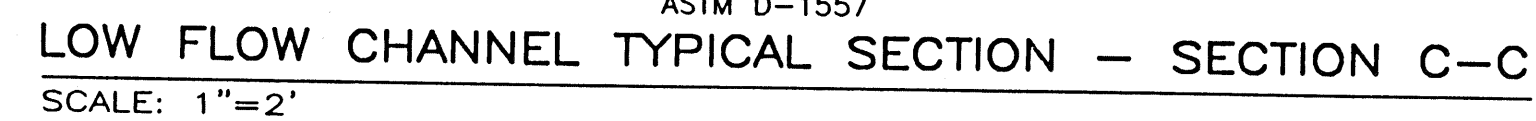
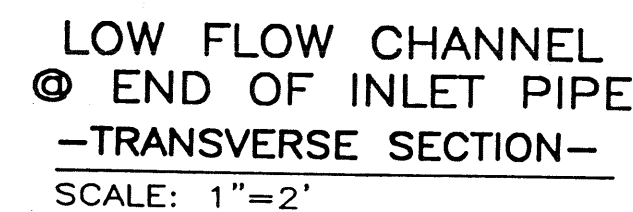
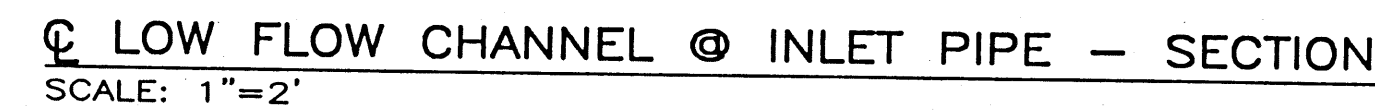
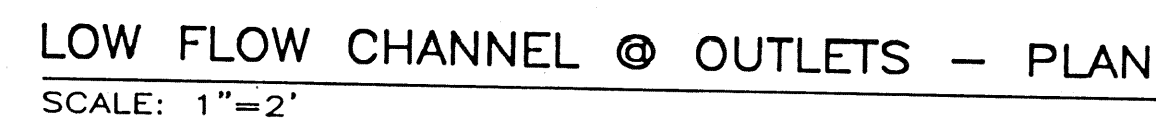
APPROVALS		ENGINEER		DATE	
PROPOLITAN CONTROL VERSION MAILS AND SECTIONS OND 6 SHEET 17 OF 27					

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

	ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
TITLE:	UNSER DIVERSION RUNDOWN STRUCTURE DETAILS AND SECTIONS POND 5 AND POND 6

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
AMAFCA					

PROJECT NO.	3324.0	MAP NO. Z-K9	SHEET 17 OF 25
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 5-8-97
Charles M. Easterling, P.E. Date:
N.M.P.E. No. 6411

1. PULL PANELS SHALL BE CONSTRUCTED AT THE MIDPOINT OF FENCE RUNS LONGER THAN 990 FT.
2. PULL PANELS SHALL BE CONSTRUCTED AT BOTH SIDES OF PIPE GATE OPENINGS. THE EXACT LOCATION OF PIPE GATE OPENINGS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AT THE TIME OF CONSTRUCTION.



FENCE

[illegible]

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS
10131 Coors Rd., NW, Suite H-7/8
ALBUQUERQUE, NEW MEXICO 87114
(505) 898-8021 FAX (505) 898-8501

ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL
AUTHORITY

TITLE: **UNSER DIVERSION
LOW FLOW CHANNEL AND FENCE
DETAILS AND SECTIONS**

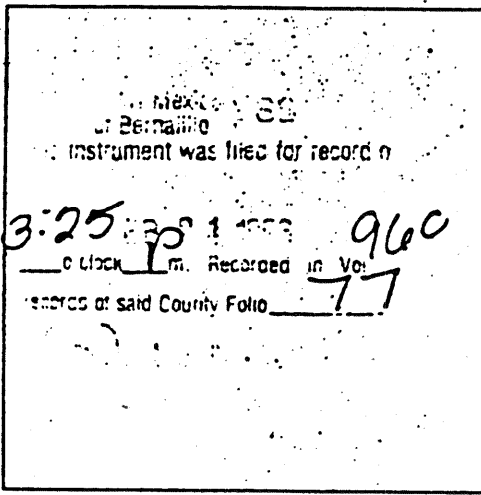
APPROVALS		ENGINEER	DATE	APPROVALS		ENGINEER	DATE
AMAFCA							

PROJECT NO.	3324.0	MAP NO. Z-k9	SHEET 19 OF 25
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LEGAL DESCRIPTION Continued from Sheet 2:
N 04° 45' 50" W, 1029.33 feet along a line common to said Tracts B-8 and B-9 to the Northwest corner of said Tract B-8, a point on the Southerly right of way line of Los Volcanes Road N.W. (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 86° 17' 40" E, 503.54 feet along said Southerly right of way line of Los Volcanes Road N.W. to the Northeast corner of said Tract B-8, a point on the Easterly Boundary of said Town of Atrisco Grant, Unit 5 (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 00° 19' 40" E, 60.10 feet along a line common to the Easterly boundary of said Town of Atrisco Grant, Unit 5 and the Westerly boundary of said unplatted parcel of land to the Southeast corner of said Tract B-14, a point on the Northerly right of way line of Los Volcanes Road N.W. (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 00° 19' 40" E, 150.00 feet along the line common to said Easterly boundary of said Town of Atrisco Grant, Unit 5 and the Westerly boundary of said unplatted parcel of land to the Southeast corner of the City of Albuquerque Well Site parcel (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
S 86° 17' 40" W, 150.00 feet to the Northwest corner of the City of Albuquerque Well Site parcel (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
S 00° 19' 40" W, 150.00 feet to the Southwest corner of the City of Albuquerque Well Site parcel, a point on the Northerly right of way line of Los Volcanes Road N.W. (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
S 86° 17' 40" W, 231.70 feet along said Northerly right of way line of Los Volcanes Road N.W. to the Southwest corner of said Tract B-14 and the Southeast corner of said Tract B-13 (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 03° 29' 04" W, 1030.48 feet along a line common to said Tracts B-13 and B-14 to the Northwest corner of said Tract B-14, a point on the Southerly right of way line of Dayton Road N.W. (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 85° 47' 44" E, 450.68 feet along said Southerly right of way line of Dayton Road N.W. to the Northeast corner of said Tract B-14, a point on the Easterly boundary of said Town of Atrisco Grant, Unit 5 (a 1" iron pipe found in place); Thence,
N 00° 19' 40" E, 60.19 feet along a line common to the Easterly boundary of said Town of Atrisco Grant, Unit 5 and the Westerly boundary of said unplatted parcel of land to the Southeast corner of said Tract B-15, Town of Atrisco Grant, Unit 5 and a point on the Northerly right of way line of said Dayton Road N.W. (a 5/8" rebar and cap stamped "L.S. 5823" set); Thence,
N 00° 20' 29" E, 798.90 feet along a line common to said Tract B-15 (also being the Easterly boundary of said Town of Atrisco Grant, Unit 5) and the Westerly boundary of said unplatted parcel of land to the Northwest corner of the parcel herein described (a 5/8" rebar and cap stamped "L.S. 5823" set) found in place said point being the Northeast corner of said Tract B-15 and a point on the Southerly right of way line of said Interstate 40 (Coronado Freeway) whence a New Mexico State Highway Commission right of way monument (found set in concrete) bears N 85° 15' 47" W, 182.67 feet distant; Thence,
S 85° 11' 51" E, 27.25 feet along a line common to said Southerly right of way line of Interstate 40 (Coronado Freeway) and the Northerly boundary of said unplatted parcel of land to the point of beginning of the parcel herein described.
Said parcel contains 144.8648 acres more or less.

FREE CONSENT AND DEDICATION

SURVEYED AND REPLATED and now comprising RIGHT OF WAY MAP, UNSER DIVERSION CHANNEL CORRIDOR (BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK, UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5; AND AN UNPLATTED PARCEL OF LAND), TOWN OF ATRISCO GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, with the free consent of and in accordance with the wishes and desires of the undersigned Owner(s) and Proprietor(s) thereof, Said owner(s) and Proprietor(s) do hereby dedicate to the City of Albuquerque in fee simple with warranty covenants all additional street Right of Way shown hereon. Said Owner(s) and Proprietor(s) do hereby certify that they are so authorized to act.



Owners of Tracts T-1, T-2, T-5, Lots 2-A and 2-A1
SUNWEST BANK OF ALBUQUERQUE, N.A., A National Banking Association

David Garrett
David Garrett, Assistant Vice President

Owners of Tract J-1 and J-2
THE BELL GROUP, INC., a New Mexico Corporation
Hugh Bell
Hugh Bell, President

Owners of the Tracts T-3, T-4, J-3 and Lot 2-A2
WESTLAND DEVELOPMENT CO., INC., a New Mexico corporation
Barbara Page
Barbara Page, President and C. E. O.

Owners of Tracts B-8A, B-8B, B-14A and B-14B
Helen Mary Van Atta Ellis
Helen Mary Van Atta Ellis

John G. Keleher
John G. Keleher
Michael L. Keleher
Michael L. Keleher

Thomas F. Keleher
Thomas F. Keleher
William B. Keleher
William B. Keleher

Linda B. Keleher
Linda B. Keleher, his wife
Margaret W. Keleher
Margaret W. Keleher, his wife

Gretchen C. Keleher
Gretchen C. Keleher, his wife
Jan R. Keleher
Jan R. Keleher, his wife

Myrtle Amanda Van Atta Redmond
Myrtle Amanda Van Atta Redmond

Elizabeth Redmond Albright
Elizabeth Redmond Albright, a married person

Margaret Amanda Redmond
Margaret Amanda Redmond, F/K/A
Margaret Redmond Haughton, a single person

Kirby H. Oehmke
Kirby H. Oehmke as Personal Representative of the Estate of Rebecca
Clare Van Atta Spence Oehmke

Kirby H. Oehmke
Kirby H. Oehmke, a widower

96020106 RIGHT OF WAY MAP UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK, UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5; AND AN UNPLATTED PARCEL OF LAND)

TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

OCTOBER 1995

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 9, 1995, by Barbara Page, as President and C.E.O. of Westland Development Co., Inc., a New Mexico corporation.

Frederic J. Blair
Notary Public

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on OCTOBER 12, 1995, by Hugh Bell, as President of the Bell Group, Inc., a New Mexico corporation.

Kathleen A. Carrillo
Notary Public
MY COMMISSION EXPIRES 5-22-99

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 7, 1995, by David Garrett as Assistant Vice President of Sunwest Bank of Albuquerque, N.A., a National Banking Association.

Margie R. Schell
Notary Public

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 3, 1995, by William B. Keleher and Jan R. Keleher, his wife.

Lucy M. Contreras
Notary Public

My commission expires May 19, 1999

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

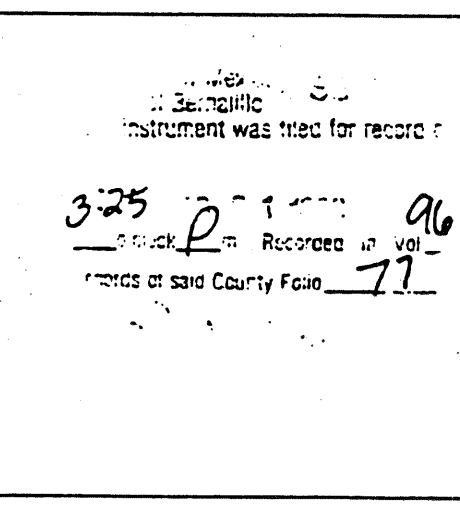
This instrument was acknowledged before me on OCT 27, 1995, by Thomas F. Keleher and Gretchen C. Keleher, his wife.

Paula H. Koller
Notary Public

My commission expires 1/27/98.

SHEET 3 OF 12

SURVOTEK, INC.
Consulting Surveyors
5645 Paradise Blvd. N.E. Albuquerque, New Mexico 87114
Phone: 505-897-3368
Fax: 505-897-3377



96020106 RIGHT OF WAY MAP UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK, UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5; AND AN UNPLATTED PARCEL OF LAND)

TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

SEPTEMBER 1995

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 3, 1995, by Michael L. Keleher and Margaret W. Keleher, his wife.

Lucy M. Contreras
Notary Public

My commission expires May 19, 1999

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on NOVEMBER 1, 1995, by Myrtle Amanda Van Atta Redmond.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on OCTOBER 11, 1995, by Helen Mary Van Atta Ellis and James Ellis, her husband.

Kathleen A. Carrillo
Notary Public
My commission expires: 5/22/99

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 1, 1995, by Kirby H. Oehmke as Personal Representative of the Estate of Rebecca Clare Van Atta Spence Oehmke.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 1, 1995, by Kirby H. Oehmke, a widower.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on OCTOBER 30, 1995, by John G. Keleher and Linda B. Keleher, his wife.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 1, 1995, 1995, by Margaret Amanda Redmond, F/K/A Margaret Redmond Haughton, a single person.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This instrument was acknowledged before me on November 6, 1995, by Elizabeth Redmond Albright, a married person.

Michelle X. Fuentes
Notary Public
My commission expires: 10/19/97

SHEET 4 OF 12

SURVOTEK, INC.
Consulting Surveyors
5645 Paradise Blvd. N.E. Albuquerque, New Mexico 87114
Phone: 505-897-3368
Fax: 505-897-3377

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK,
UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5;
AND AN UNPLATTED PARCEL OF LAND)

SEPTEMBER , 1995

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CURVE TABLE

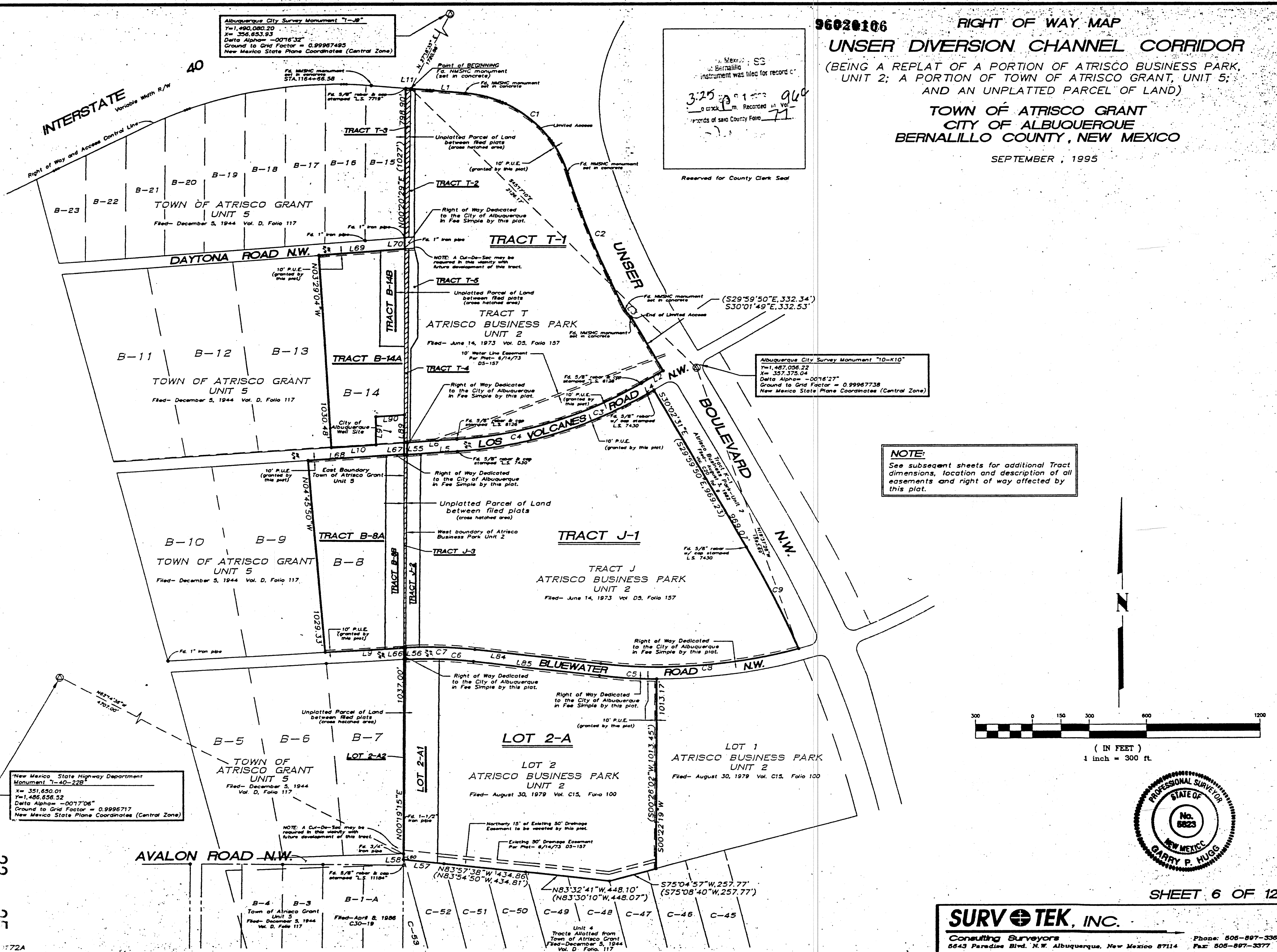
<u>CURVE</u>	<u>RADIUS</u>	<u>LENGTH</u>	<u>TANGENT T</u>	<u>CHORD</u>	<u>BEARING</u>	<u>DELTA</u>
C1	622.78'	733.31'	415.85'	691.68'	S 51°26'50" E	67°22'53"
C2	4415.20'	796.30'	399.23'	795.22'	S 22°51'41" E	10°20'01"
C3	2233.93'	1065.41'	542.24'	1056.11'	N 73°05'22" E	26°16'07"
C4	2259.63'	1036.07'	523.37'	1036.70'	S 73°05'22" W	26°08'07"
C5	2866.79'	1052.37'	533.37'	1066.31'	S 86°34'26" E	06°03'41"
C6	2125.46'	356.79'	178.81'	356.37'	S 88°21'05" E	09°37'04"
C7	2189.46'	363.26'	182.05'	362.64'	N 88°17'43" W	09°30'22"
C8	2832.79'	1059.92'	536.23'	1053.75'	S 85°44'18" W	1°12'26"
C9	2535.68'	1175.41'	576.63'	1170.03'	S 62°00'51" E	06°21'04"
C10	2123.46'	612.11'	87.60'	175.06'	N 89°11'54" E	04°43'29"
C12	2123.46'	181.48'	90.79'	181.42'	S 85°58'27" E	04°53'48"
C13	2191.46'	291.37'	145.90'	291.16'	N 82°21'04" W	07°33'05"
C15	2191.46'	72.03'	36.05'	72.08'	S 87°53'51" W	01°53'05"
C16	2830.79'	1058.86'	535.69'	1052.70'	S 85°44'29" W	1°22'55"
C17	2898.79'	306.66'	153.47'	306.72'	S 96°33'08" E	06°03'57"
C18	5529.58'	610.37'	305.50'	610.06'	S 23°42'22" E	00°07'15"
C19	5529.58'	610.37'	305.50'	610.06'	S 26°52'42" E	06°19'28"

CURVE TABLE (RECORD INFORMATION)						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	(622.78')	(13.41')		(691.26')	(S 31.23° E)	(67°56'55")
C2	(4412.70')	(799.53')		(725.26')	(S 22°48' 50" E)	(10°20'00")
C3	(2125.83')	(1055.34')				
C4	(2259.93')	(1056.00')				
C5	(2896.79')	(1306.69')				
C6	(2125.46')	(356.23')				
C7	(2189.46')	(363.26')				
C8	(2835.79')	(1058.50')				
C9	(3632.58')	(912.52')				



SHEET 5 OF 12

Consulting Surveyors
5543 Paradise Blvd. N.W. Albuquerque, New Mexico 87114
Phone: 505-897-3366
Fax: 505-897-3377



SHEET 6 OF 12

Consulting Surveyors
5643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114
Phone: 505-897-3366
Fax: 505-897-3377

96020106

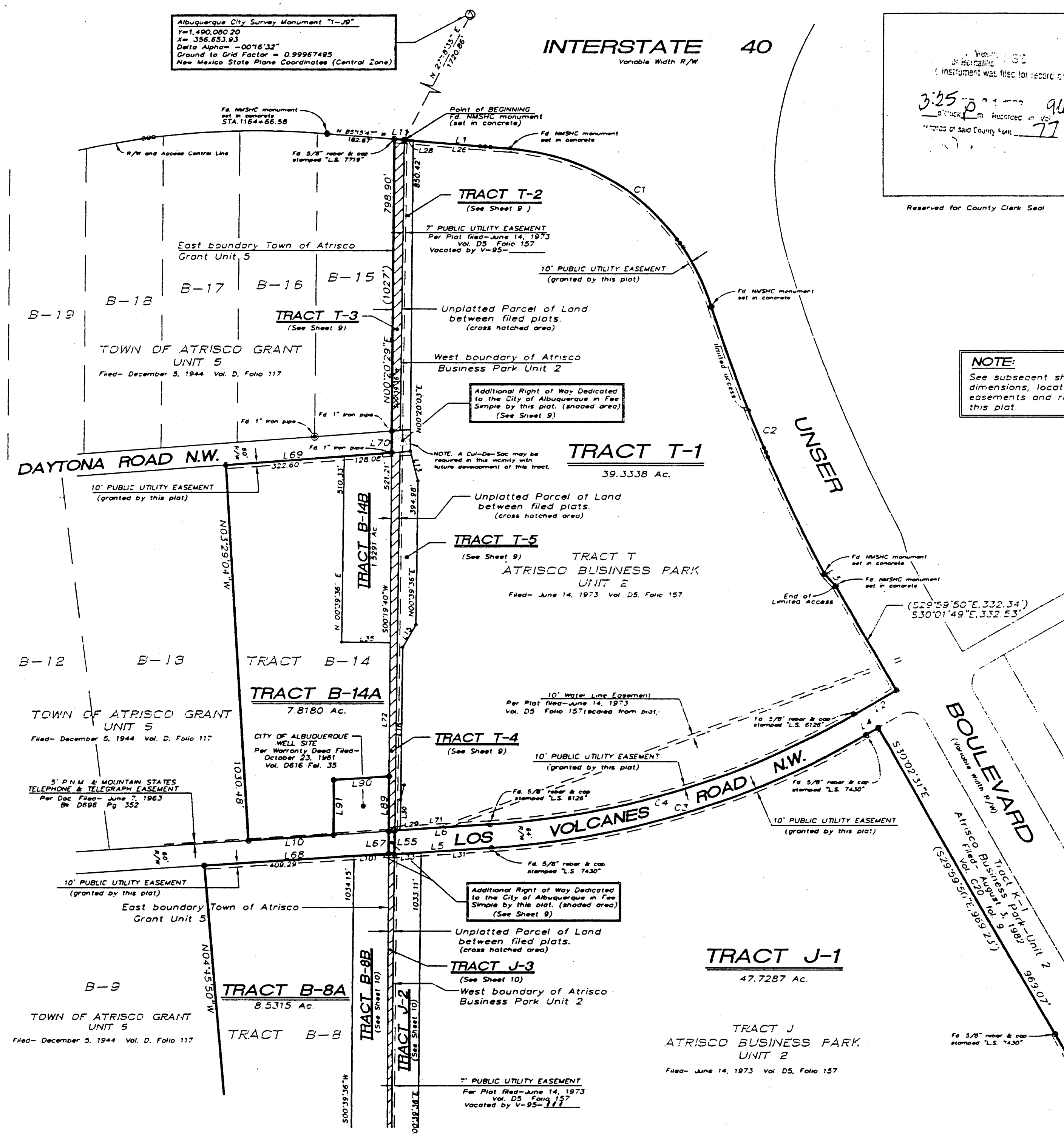
RIGHT OF WAY MAP

UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK, UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5; AND AN UNPLATTED PARCEL OF LAND)

TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

SEPTEMBER, 1995



NOTE:
See subsequent sheets for additional Tract dimensions, location and description of all easements and right of way affected by this plat.

SHEET 7 OF 12

SURV+TEK, INC.

Consulting Surveyors
5643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114 Phone: 505-897-3388
Fax: 505-897-3377

940172B

96020106

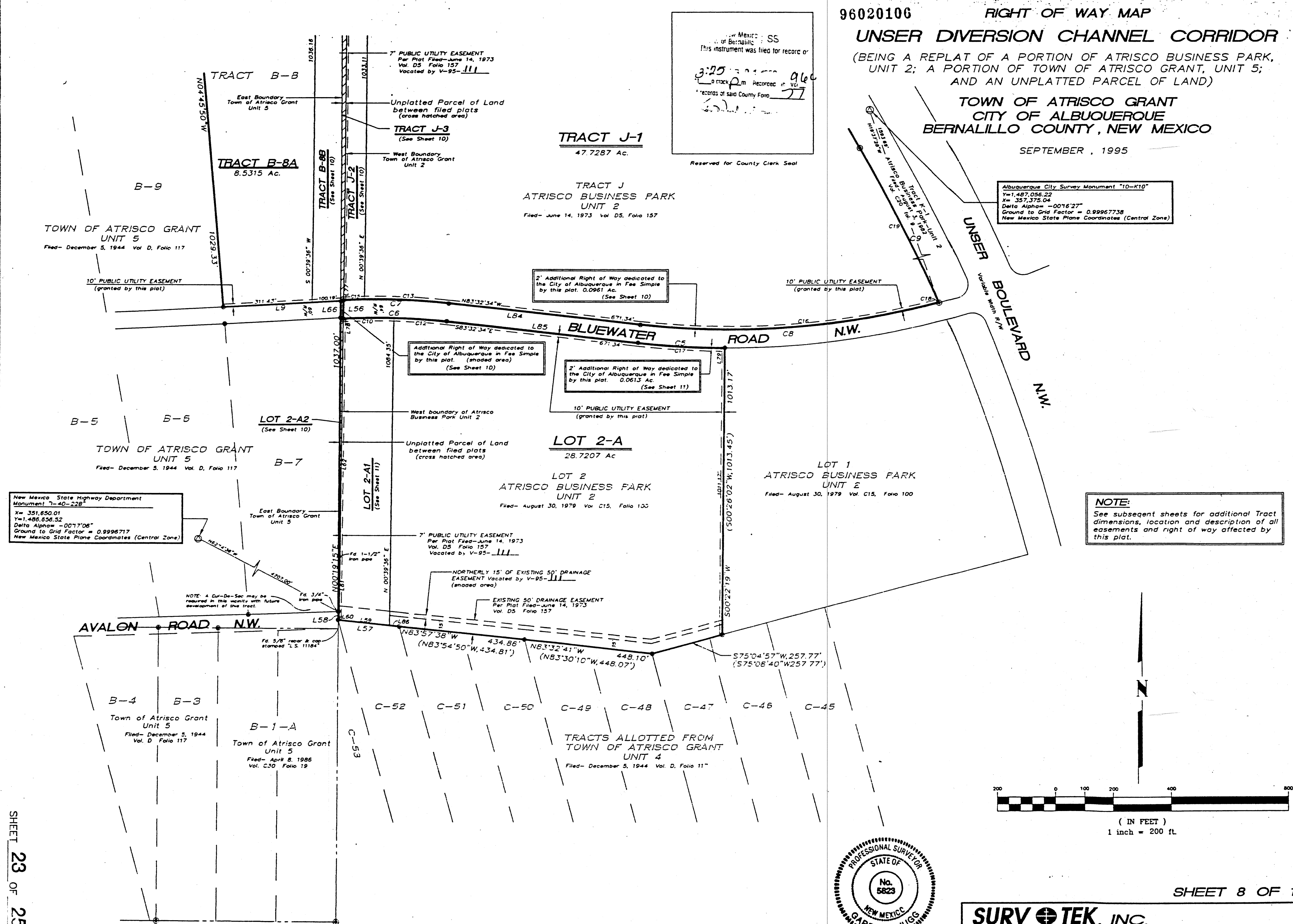
RIGHT OF WAY MAP

UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK, UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5; AND AN UNPLATTED PARCEL OF LAND)

TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

SEPTEMBER, 1995



NOTE:
See subsequent sheets for additional Tract dimensions, location and description of all easements and right of way affected by this plat.

SHEET 8 OF 12

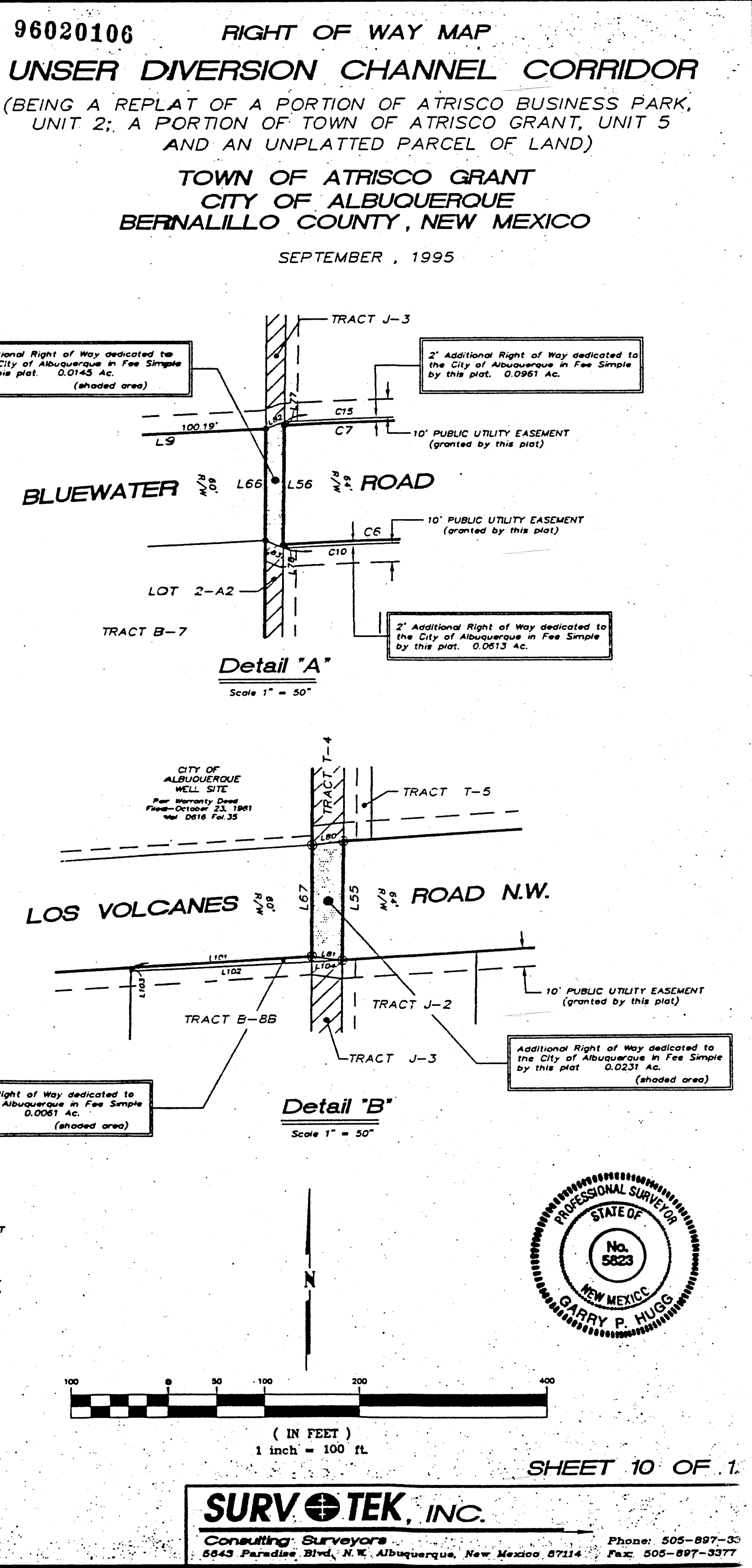
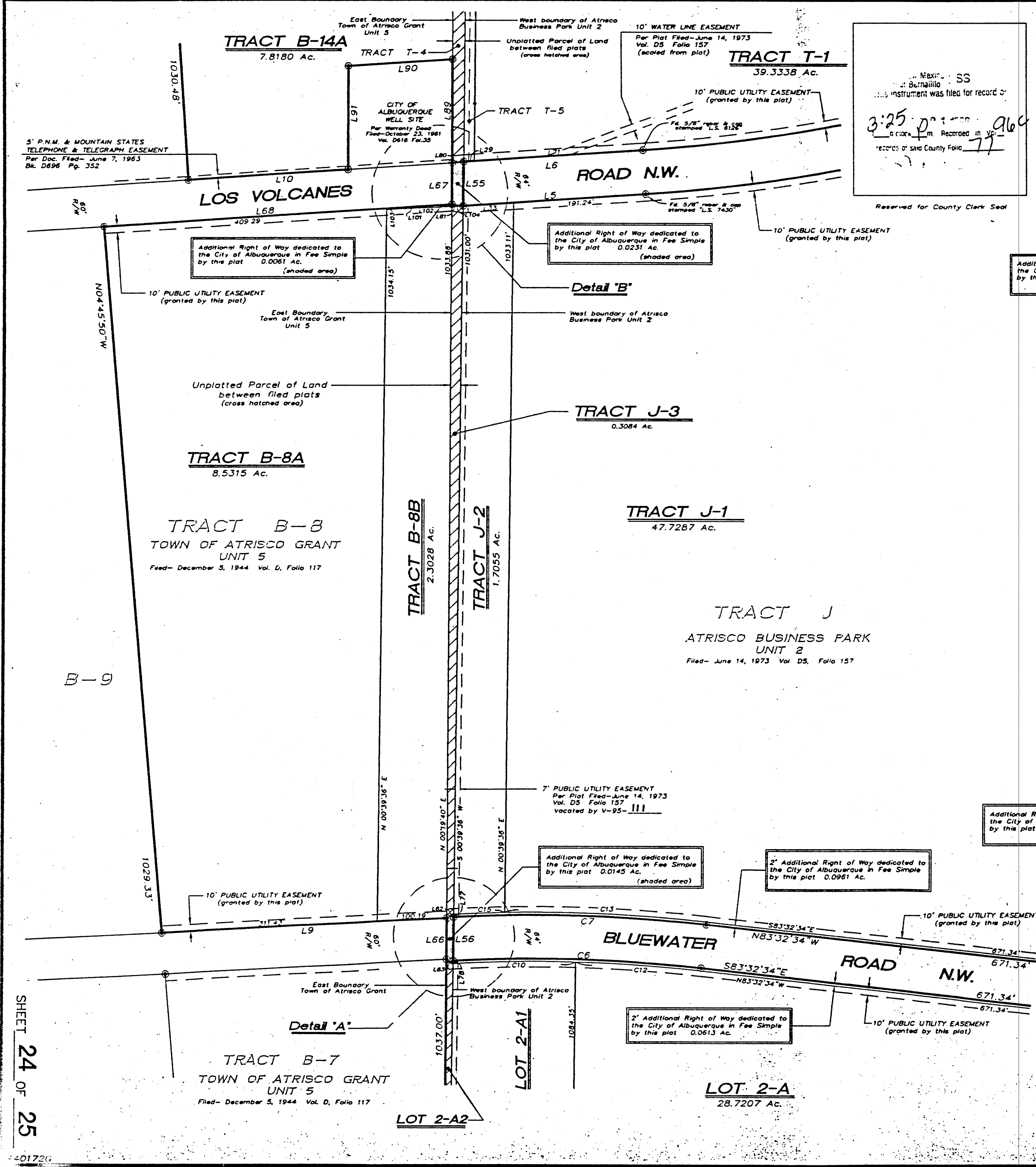
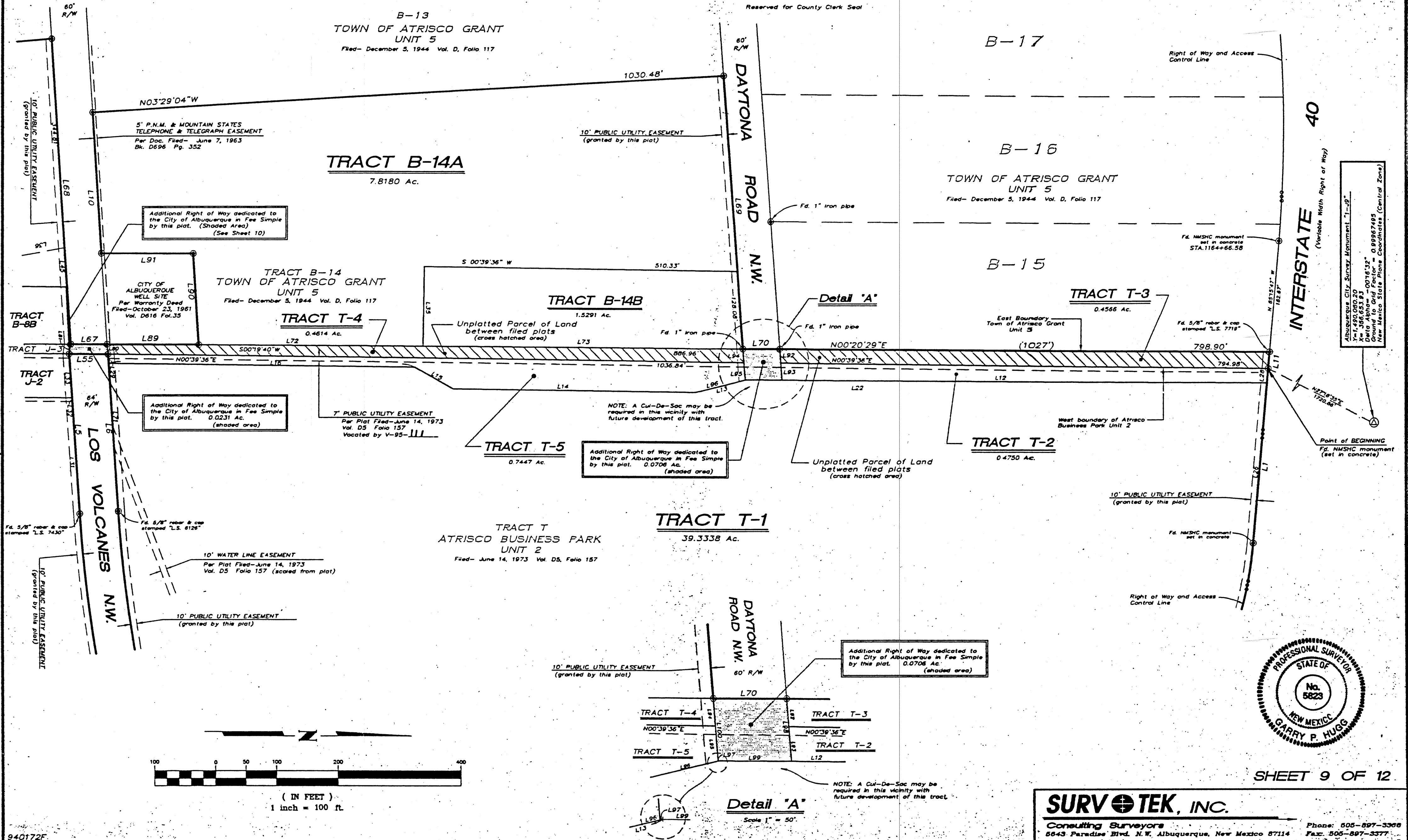
SURV+TEK, INC.

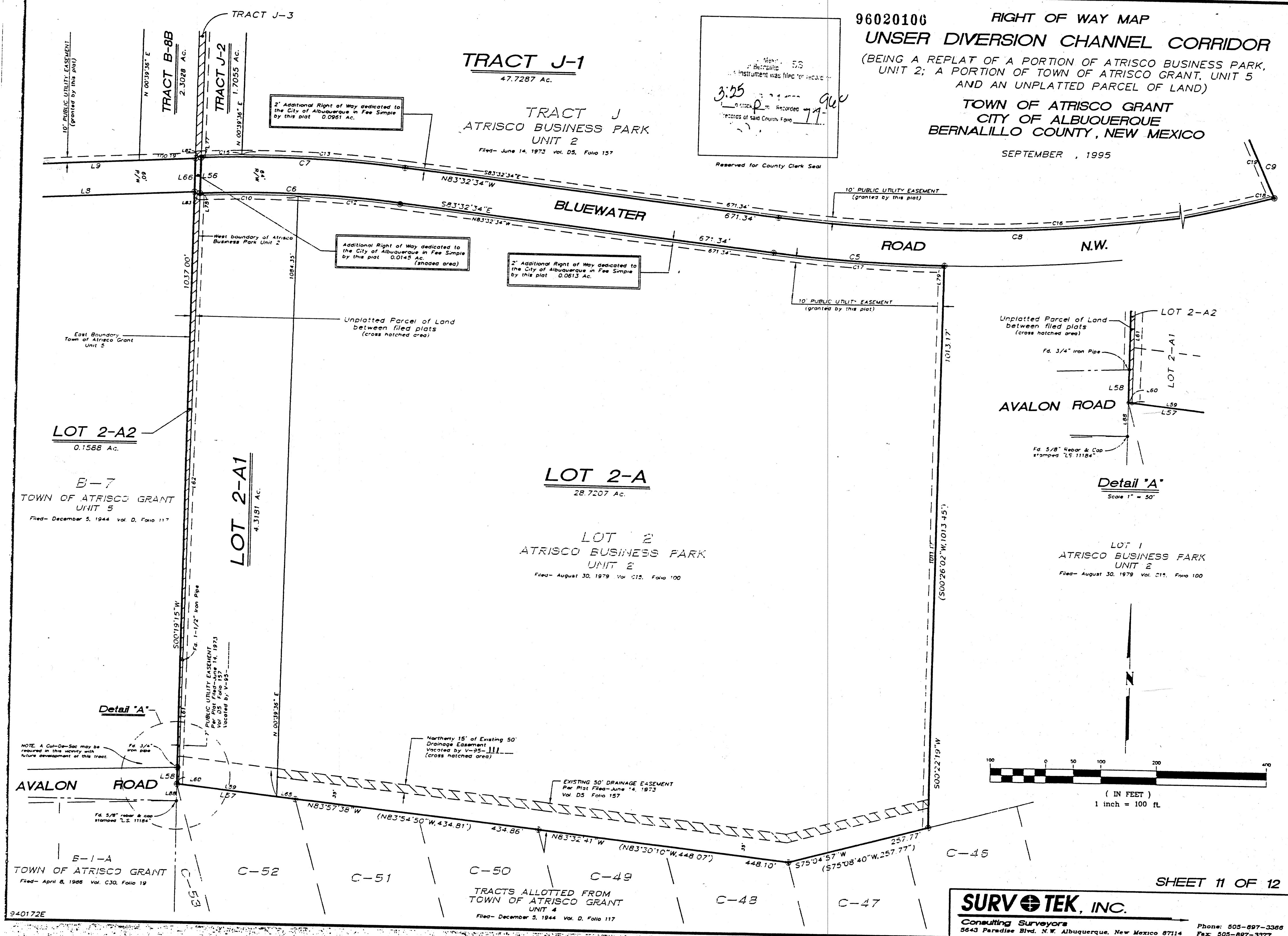
Consulting Surveyors
5643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114 Phone: 505-897-3388
Fax: 505-897-3377

SHEET 23 OF 25

940172C

96020106 RIGHT OF WAY MAP
UNSER DIVERSION CHANNEL CORRIDOR
(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK
UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5
AND AN UNPLATTED PARCEL OF LAND)
TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 1995





96020106 RIGHT OF WAY MAP
UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK,
UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5
AND AN UNPLATTED PARCEL OF LAND)

SEPTEMBER , 1995

SHEET 11 OF 12

SURV TEK, INC.

RIGHT OF WAY MAP
UNSER DIVERSION CHANNEL CORRIDOR

(BEING A REPLAT OF A PORTION OF ATRISCO BUSINESS PARK,
UNIT 2; A PORTION OF TOWN OF ATRISCO GRANT, UNIT 5;
AND AN UNPLATTED PARCEL OF LAND)

SEPTEMBER, 1995

SHEET 12 OF 12

SURV TEK, INC.

U S WEST COMMUNICATIONS QUIT CLAIM

KNOW ALL MEN BY THESE PRESENTS: That U S WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called "Company" for and in consideration of One Dollar (\$1.00) to said Company and for valuable considerations in hand paid, the receipt whereof is hereby released and acknowledged, does hereby release, remise and quitclaim to all and sundry, title and interest in the easements shown to be vacated on this plan and hereby releasing and reserving to the Company, any and all interest otherwise acquired in said property, except as shown to be vacated.

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

This Instrument was acknowledged before me on 10th
October 1995, by A. E. Salas
as the Manager/Network and Technology Services of U S West
Communications, Inc., a Colorado Corporation.

PNM EASEMENT RELEASE APPROVAL

Public Service Company of New Mexico does hereby release, waive, quitclaim and discharge its right, title and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

GAS COMPANY OF N.M. EASEMENT RELEASE APPROVAL

Gas Company of New Mexico, a Division of Public Service Company of New Mexico does hereby release, waive quit claim and discharge its right, title and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

A circular professional seal for a surveyor. The outer ring contains the text "PROFESSIONAL SURVEYOR" at the top and "NEW MEXICO" at the bottom. Inside this ring, the words "STATE OF" are at the top and "GARRY P. HUGO" is at the bottom. In the center of the seal, it says "No. 5823".

SURV TEK, INC.