

CONSTRUCTION PLANS
FOR
SEVEN BAR LOOP ROAD
TRACT A-3
SEVEN BAR RANCH
PHASE I

OCTOBER 1994

FW

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3. PAVING-B STA 14+34.21 TO 25+23.68
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7. UTILITY-C STA 25+23.68 TO 32+21.90
8. UTILITY-D STA 1+00 TO 5+24.18
9. SIPHON PLAN
10. STORM SEWER-A STA 0+00 TO 14+34.21
11. STORM DRAIN CONNECTION TO BLACK DIVERSION CHANNEL

RECORD DRAWING	
DATE: 7/28/96	DRAFTED BY: <i>FW</i>
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.	

Approved Record
10/10/96
TERRA WEST DEVELOPMENT
MANAGEMENT SERVICES
4600 MONTGOMERY BLVD. N.E., SUITE 3
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

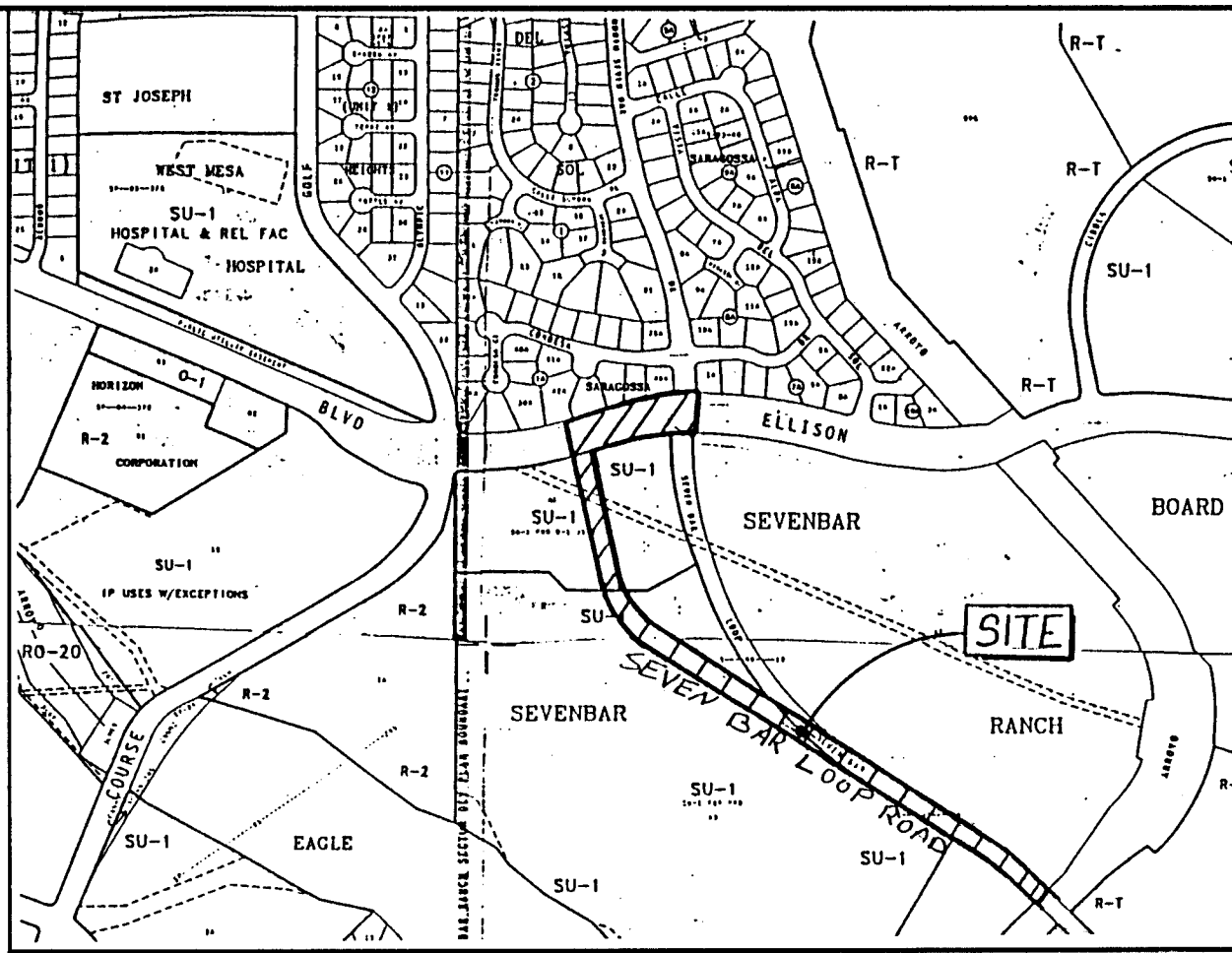
APPROVAL OF AS BUILT DATA
CHIEF CONSTRUCTION ENGINEER
FW
DATE 10-24-96

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

PROJECT NO. 5010.91

26-15010-181 10/19/96

SHEET 1 OF 11



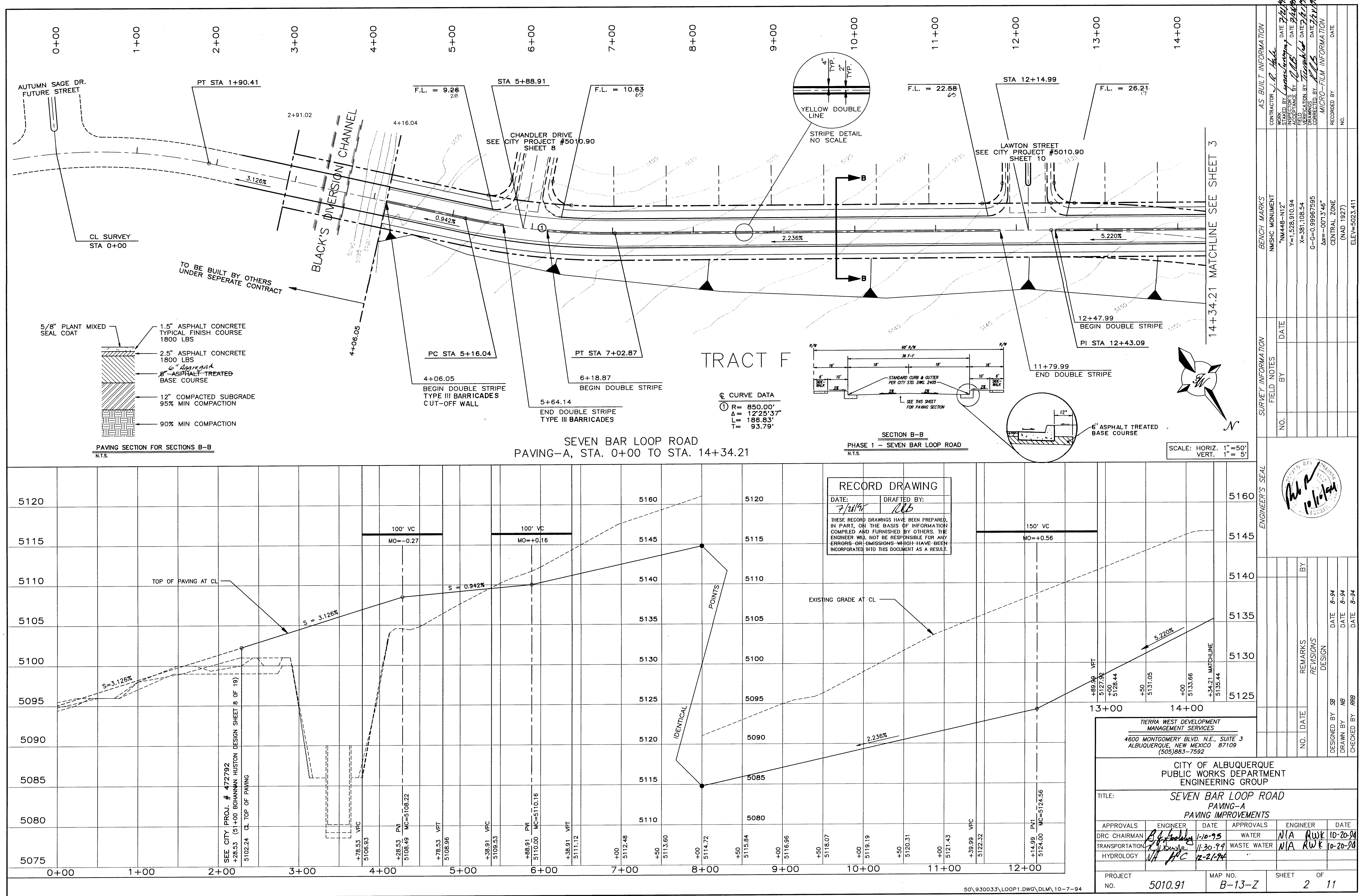
VICINITY MAP ZONE ATLAS B-13-Z
SCALE NONE

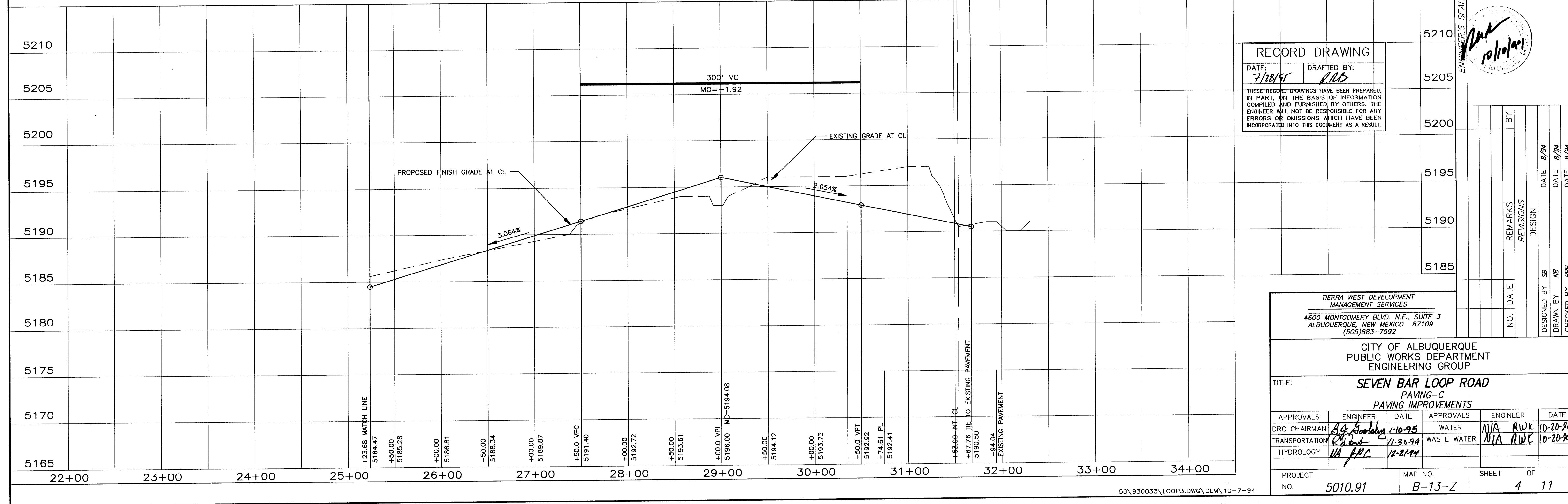
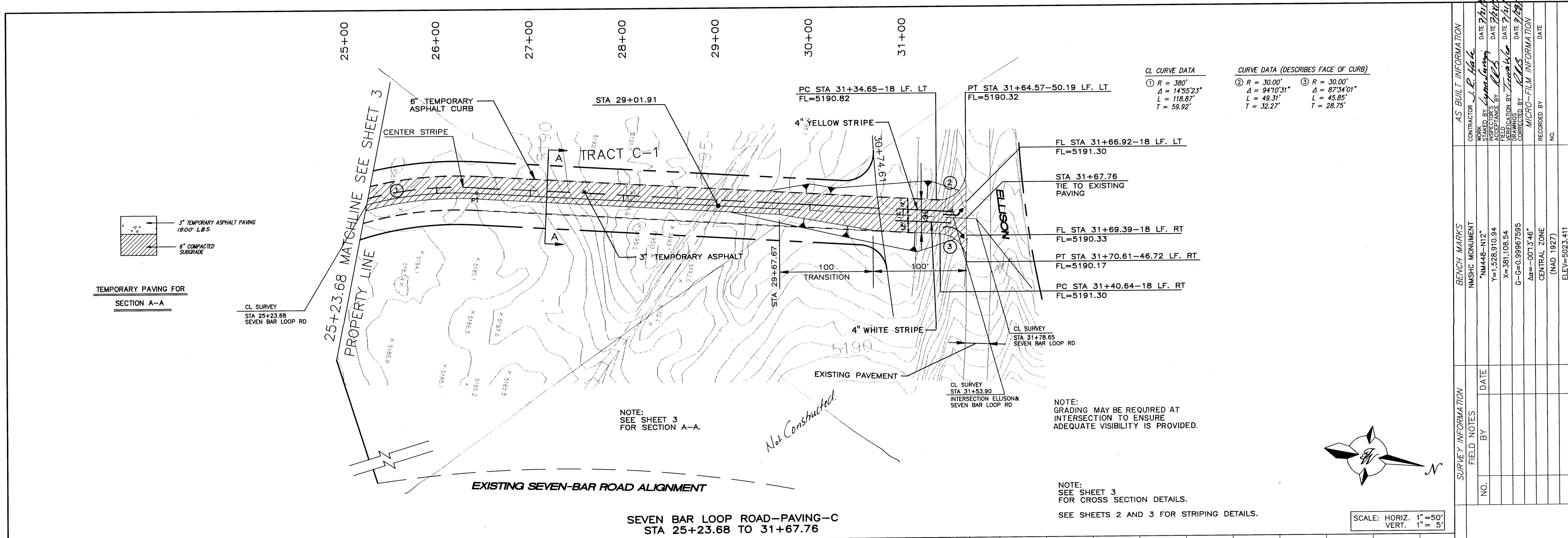
NOTICE TO CONTRACTORS

1. 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 FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #4) & NEW MEXICO UTILITIES INC. SPECIFICATIONS FOR WATER AND WASTE WATER FACILITIES 8-2-94 REV.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. NOTIFY NEW MEXICO UTILITIES 3 DAYS PRIOR TO UTILITY CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. THREE(3) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN(7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☐ 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 DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

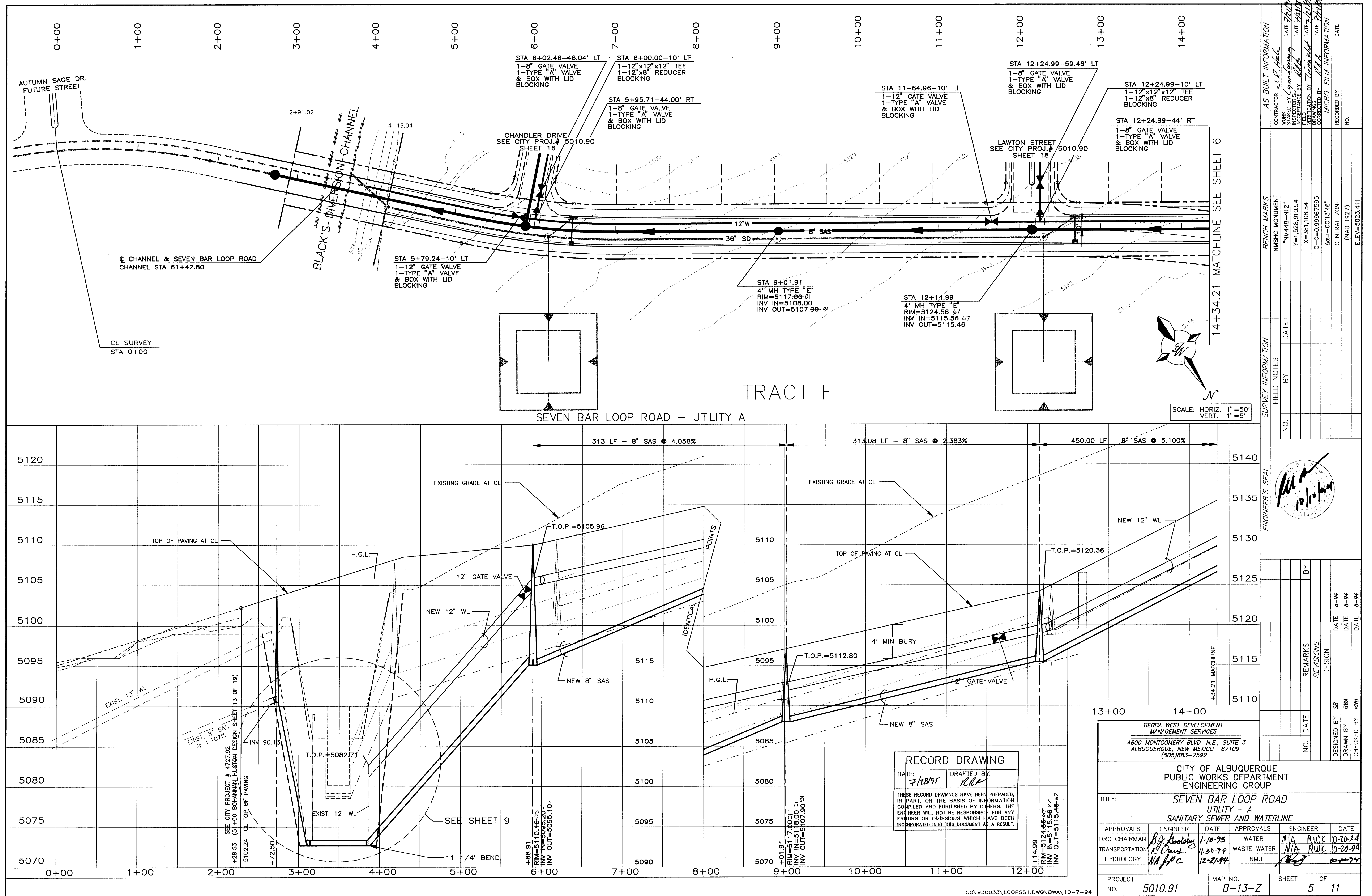




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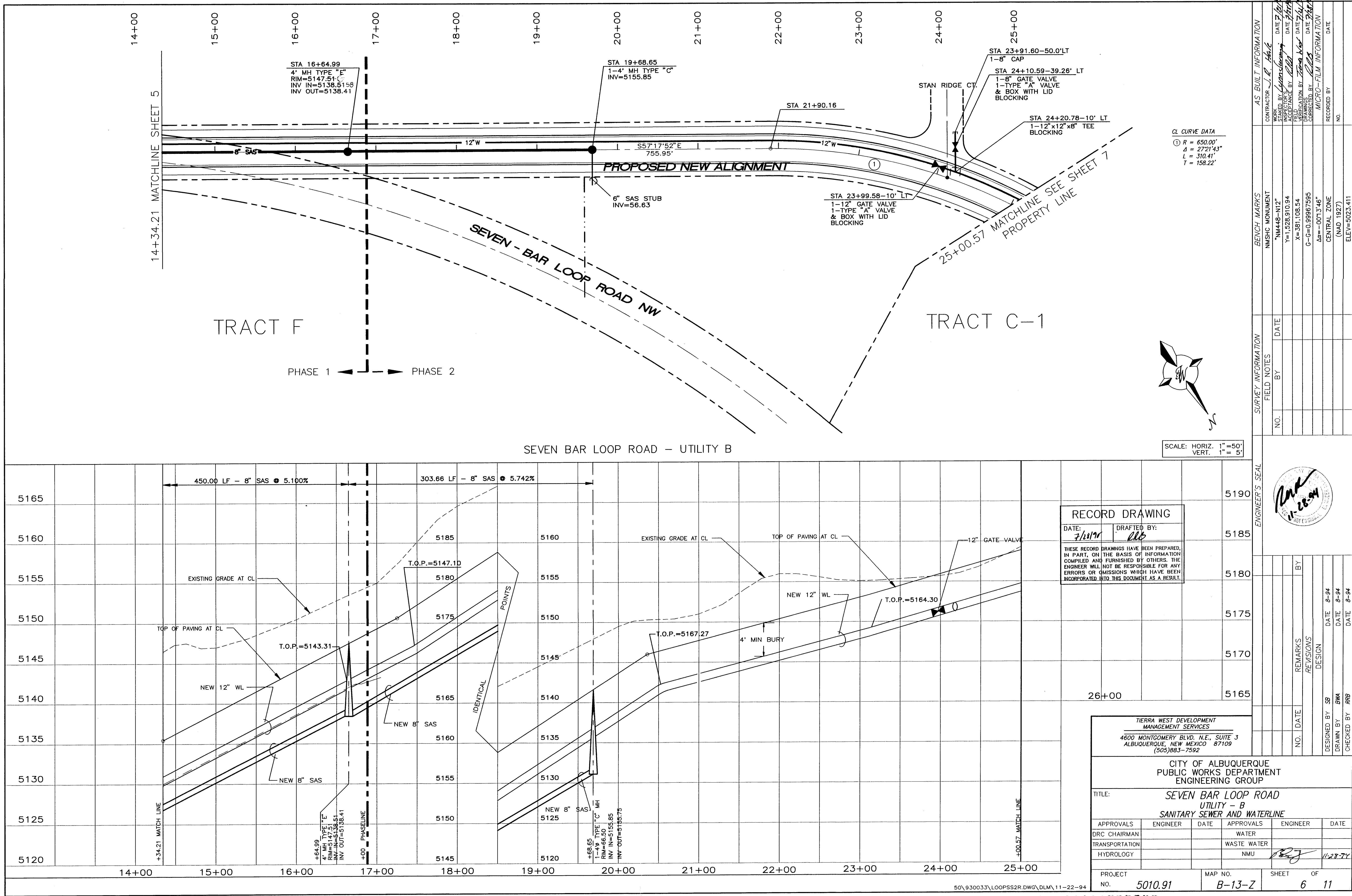
26-5010-PA-10496

SCANNED BY
BY LASON



26-5010.91 0596

SCANNED BY
BY LASON



CL CURVE DATA
① R = 650.00'
Δ = 27°21'43"
L = 310.41'
T = 158.22'

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

RECORD DRAWING
DATE: 7/10/94 DRAFTED BY: RRB
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

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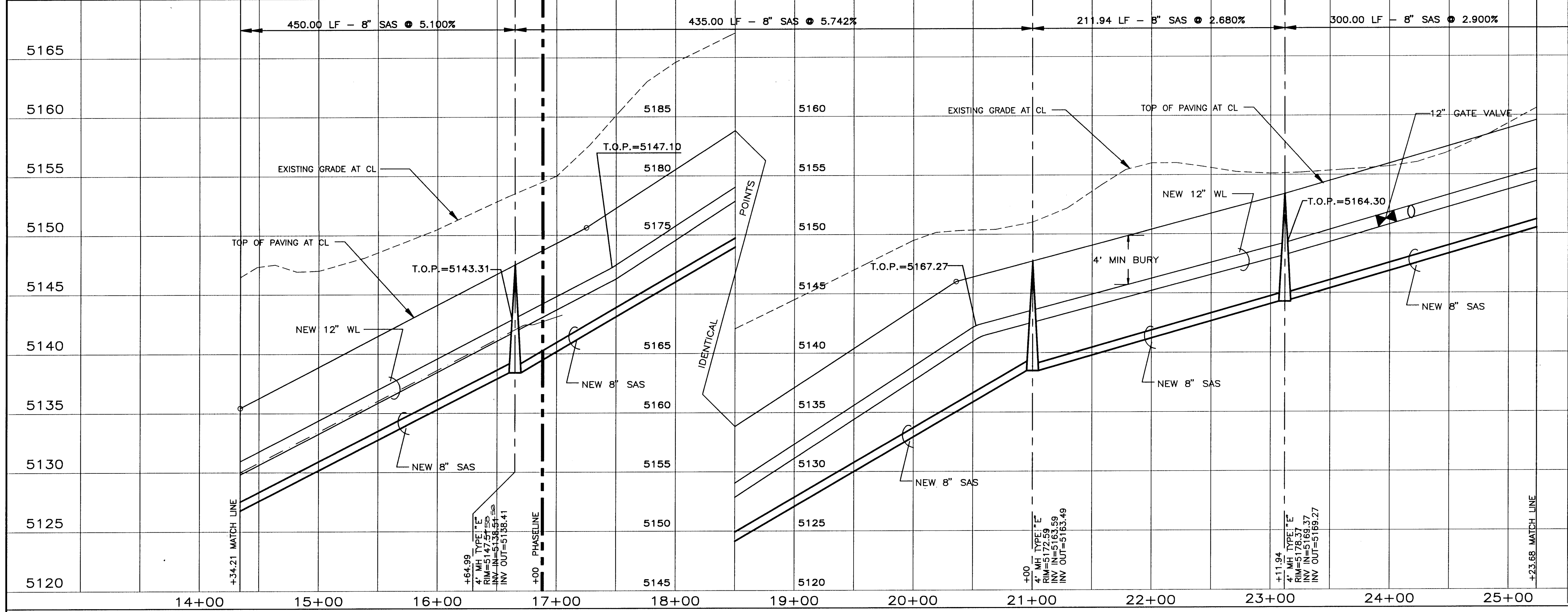
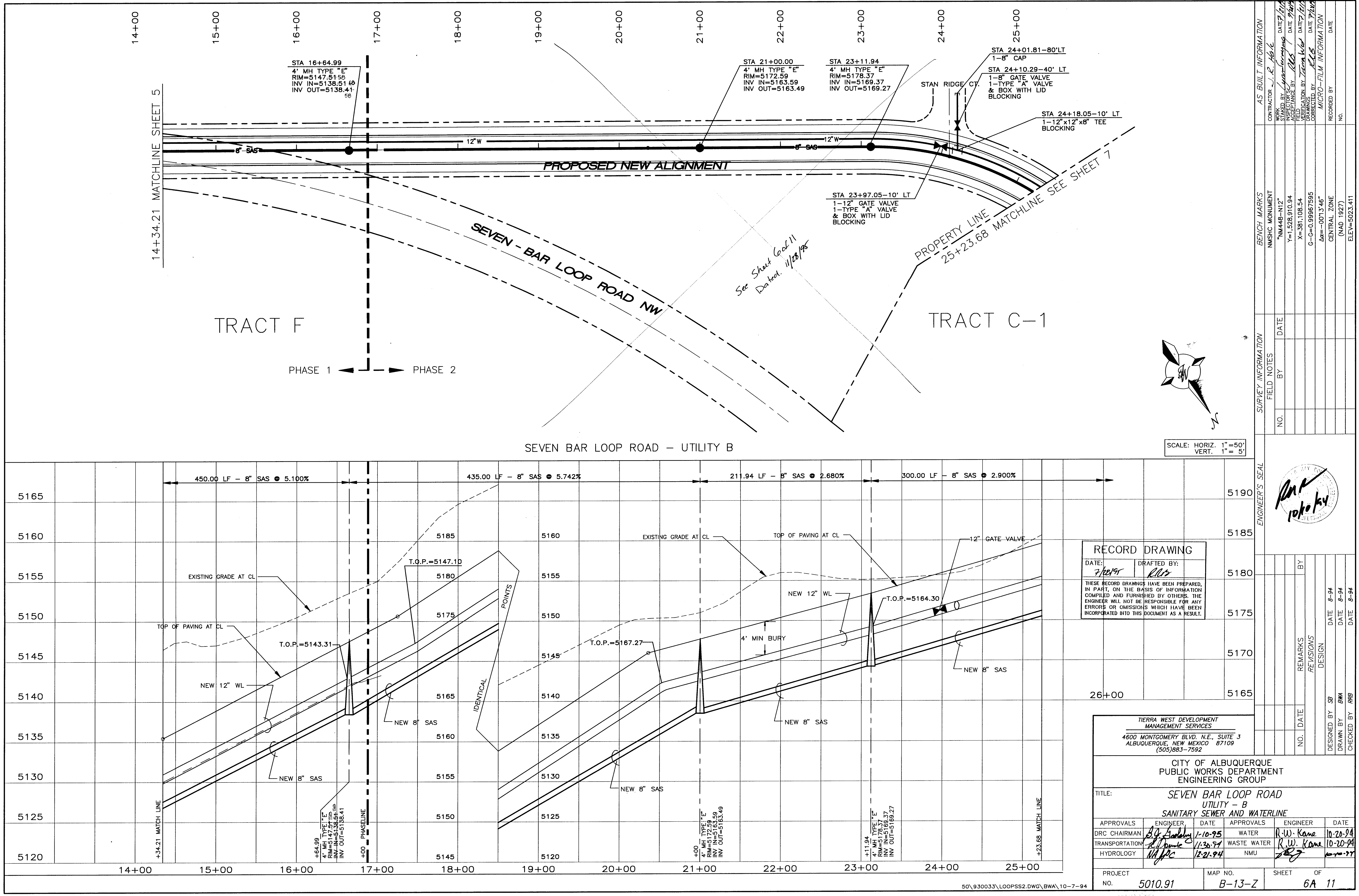
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SEVEN BAR LOOP ROAD UTILITY - B SANITARY SEWER AND WATERLINE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY			NMU		
PROJECT NO.	5010.91	MAP NO.	B-13-Z	SHEET OF	6 11

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NMHC MONUMENT	CONTRACTOR	DATE	DATE
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		Y=1,528,910.94	INSPECTED BY	7/10/94	7/10/94
		X=381,108.54	FIELD VERIFICATION BY	7/10/94	7/10/94
		G-G=0.99967595	CORRECTED BY	7/10/94	7/10/94
		ΔΔ=0.0013'46"	MICRO-FILM INFORMATION		
			RECORDED BY	DATE	DATE
				(NAD 1927)	
					ELEV=5023.411



26-5010.91 10/10/94

SCANNED BY
BY LASON

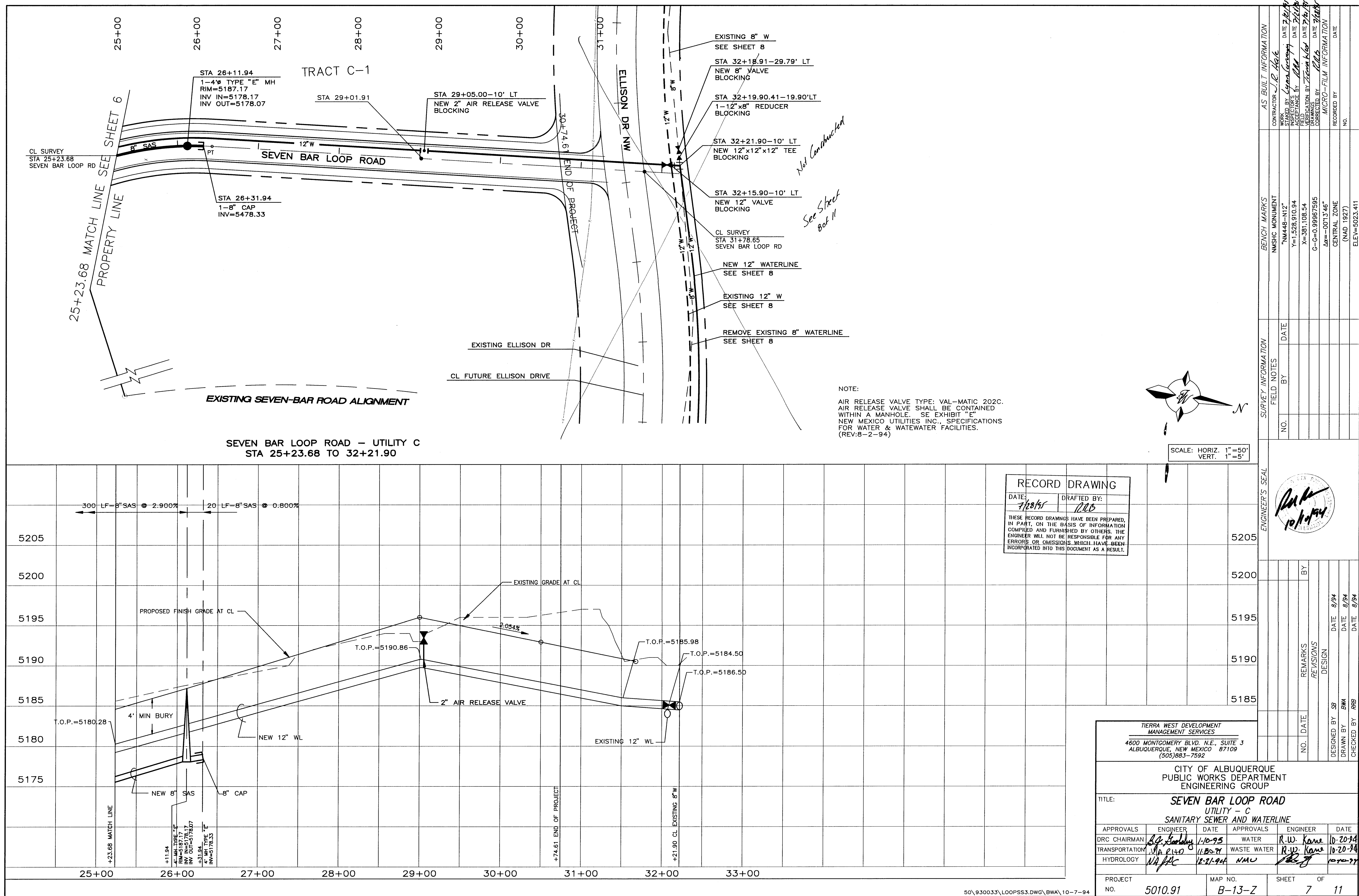


RECORD DRAWING
DATE: 7/10/95
DRAFTED BY: RLB
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TERRA WEST DEVELOPMENT MANAGEMENT SERVICES 4600 MONTGOMERY BLVD. N.E., SUITE 3 ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: SEVEN BAR LOOP ROAD UTILITY - B SANITARY SEWER AND WATERLINE			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	R. W. Kane	1-10-95	WATER
TRANSPORTATION	R. W. Kane	1-10-95	WASTE WATER
HYDROLOGY	R. W. Kane	1-10-95	NMU
PROJECT NO. 5010.91		MAP NO. B-13-Z	
SHEET 6A		OF 11	

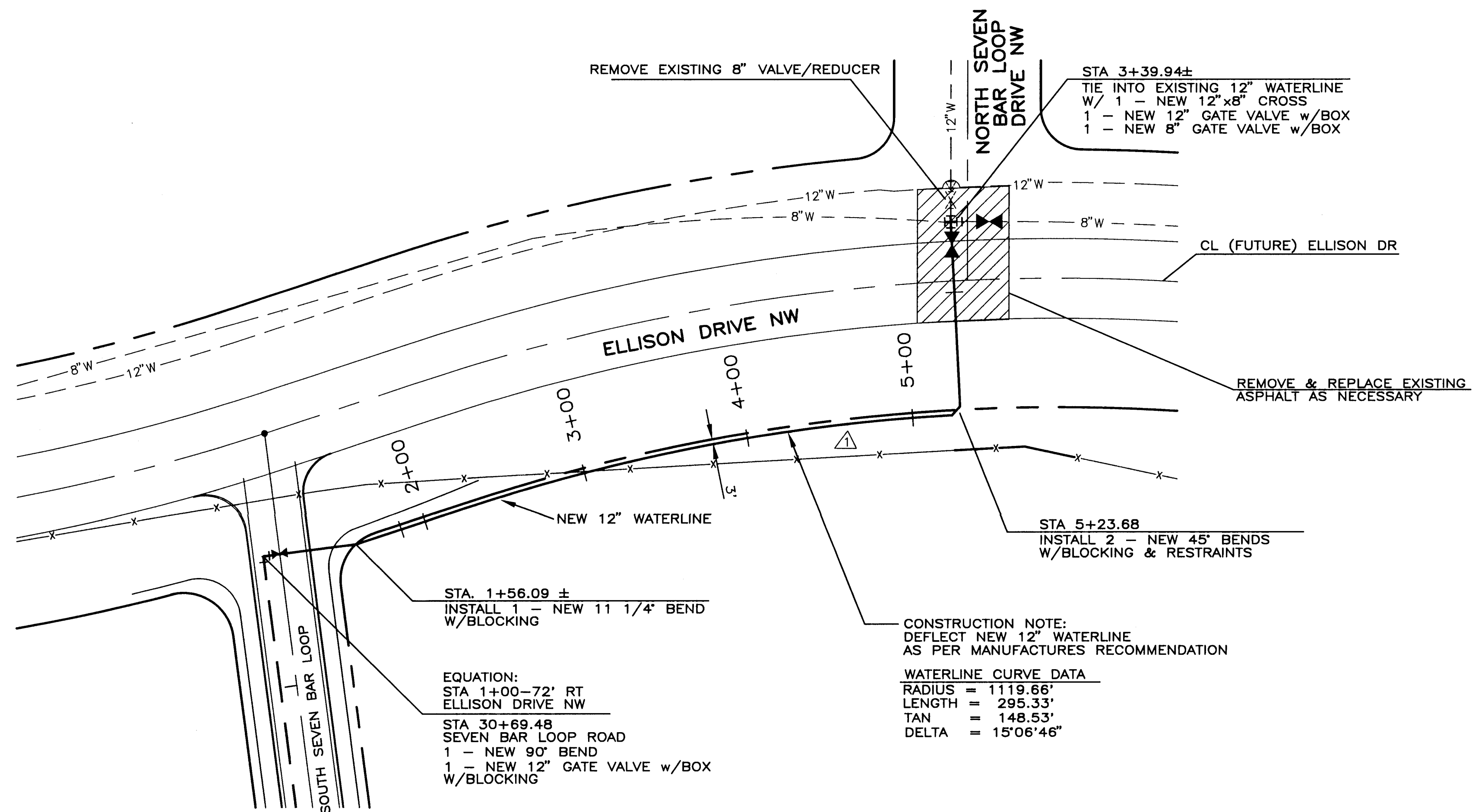
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3	BY	DATE	3	CONTRACTOR	DATE
4	BY	DATE	4	CONTRACTOR	DATE
5	BY	DATE	5	CONTRACTOR	DATE
6	BY	DATE	6	CONTRACTOR	DATE
7	BY	DATE	7	CONTRACTOR	DATE
8	BY	DATE	8	CONTRACTOR	DATE
9	BY	DATE	9	CONTRACTOR	DATE
10	BY	DATE	10	CONTRACTOR	DATE

ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE
1	DATE	1	DATE	1	DATE
2	DATE	2	DATE	2	DATE
3	DATE	3	DATE	3	DATE
4	DATE	4	DATE	4	DATE
5	DATE	5	DATE	5	DATE
6	DATE	6	DATE	6	DATE
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10	DATE	10	DATE	10	DATE



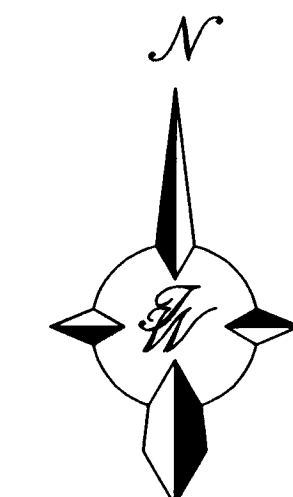
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BY LASON

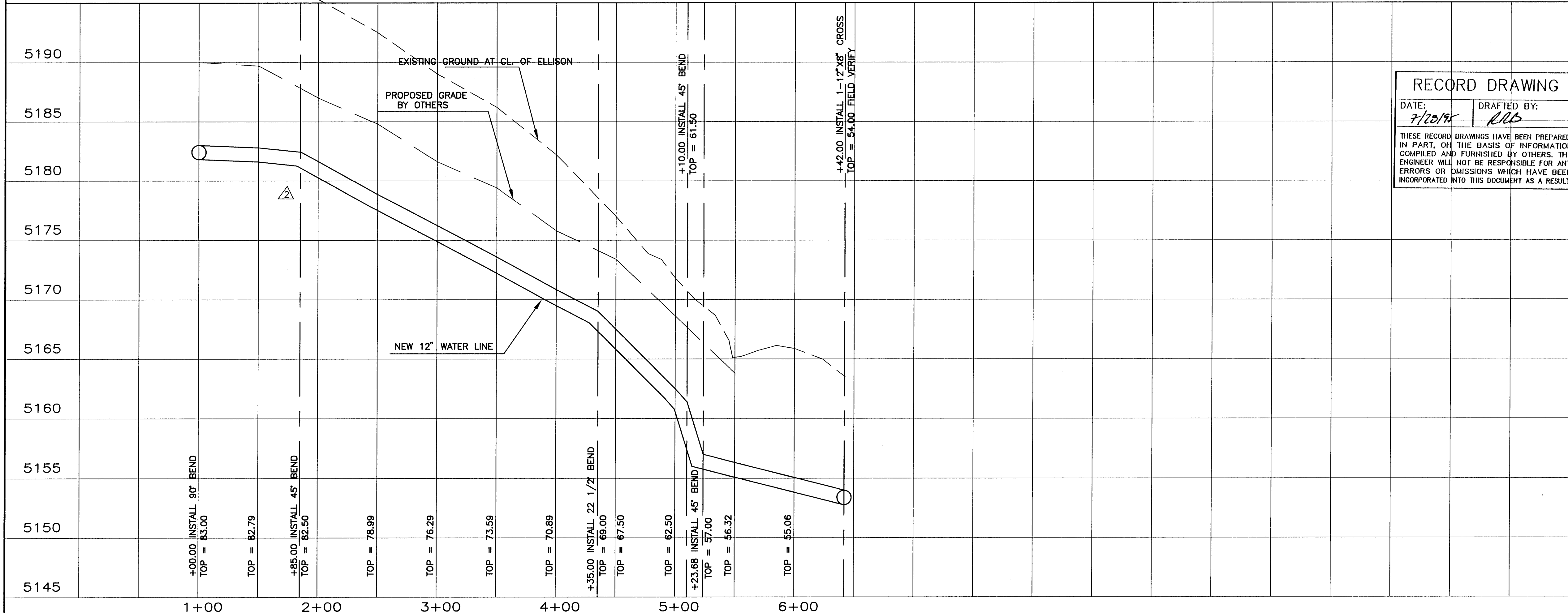


SEVEN BAR LOOP ROAD UTILITY-D

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE
SHOWN HEREON & THAT ANY EXISTING UTILITIES
THAT ARE SHOWN ARE IN APPROXIMATE LOCATION
ONLY. IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL NECESSARY
FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION
TO DETERMINE THE ACTUAL LOCATION OF UTILITIES
& OTHER IMPROVEMENTS.



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



RECORD DRAWING

DATE: 7/20/95 DRAFTED BY: RDB

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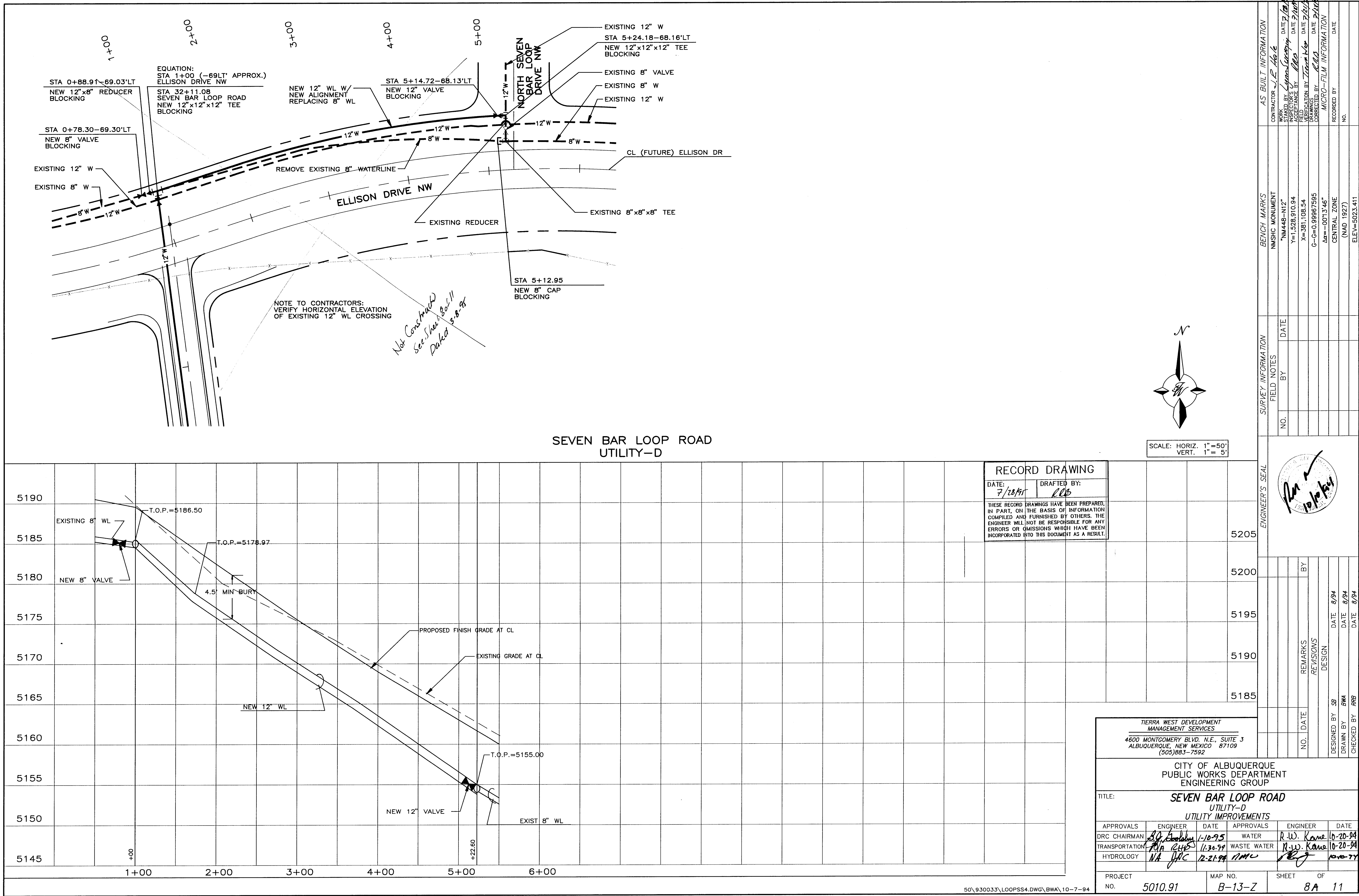
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
TITLE: SEVEN BAR LOOP ROAD UTILITY-D UTILITY IMPROVEMENTS				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
DRC CHAIRMAN			WATER	
TRANSPORTATION			WASTE WATER	
HYDROLOGY				
PROJECT NO.	5010.91	MAP NO.	B-13-Z	SHEET OF 8 12
DESIGNED BY	SB/ACS	DATE	8/94	
DRAWN BY	BWA	DATE	8/94	
CHECKED BY	RRB	DATE	8/94	

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	MONUMENT	CONTRACTOR	WORK
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			Y=1,528.910.94	DATE 7/20/95	DATE 7/20/95
			X=381,108.54	DATE 7/20/95	DATE 7/20/95
			G-G=0.99967595	DATE 7/20/95	DATE 7/20/95
			Δα= -00°13'46"	DATE 7/20/95	DATE 7/20/95
			CENTRAL ZONE	DATE 7/20/95	DATE 7/20/95
			(NAD 1927)	DATE 7/20/95	DATE 7/20/95
			ELEV=5023.411	DATE 7/20/95	DATE 7/20/95

50\930033\LOOPSS4.DWG\SH.B\3-16-95

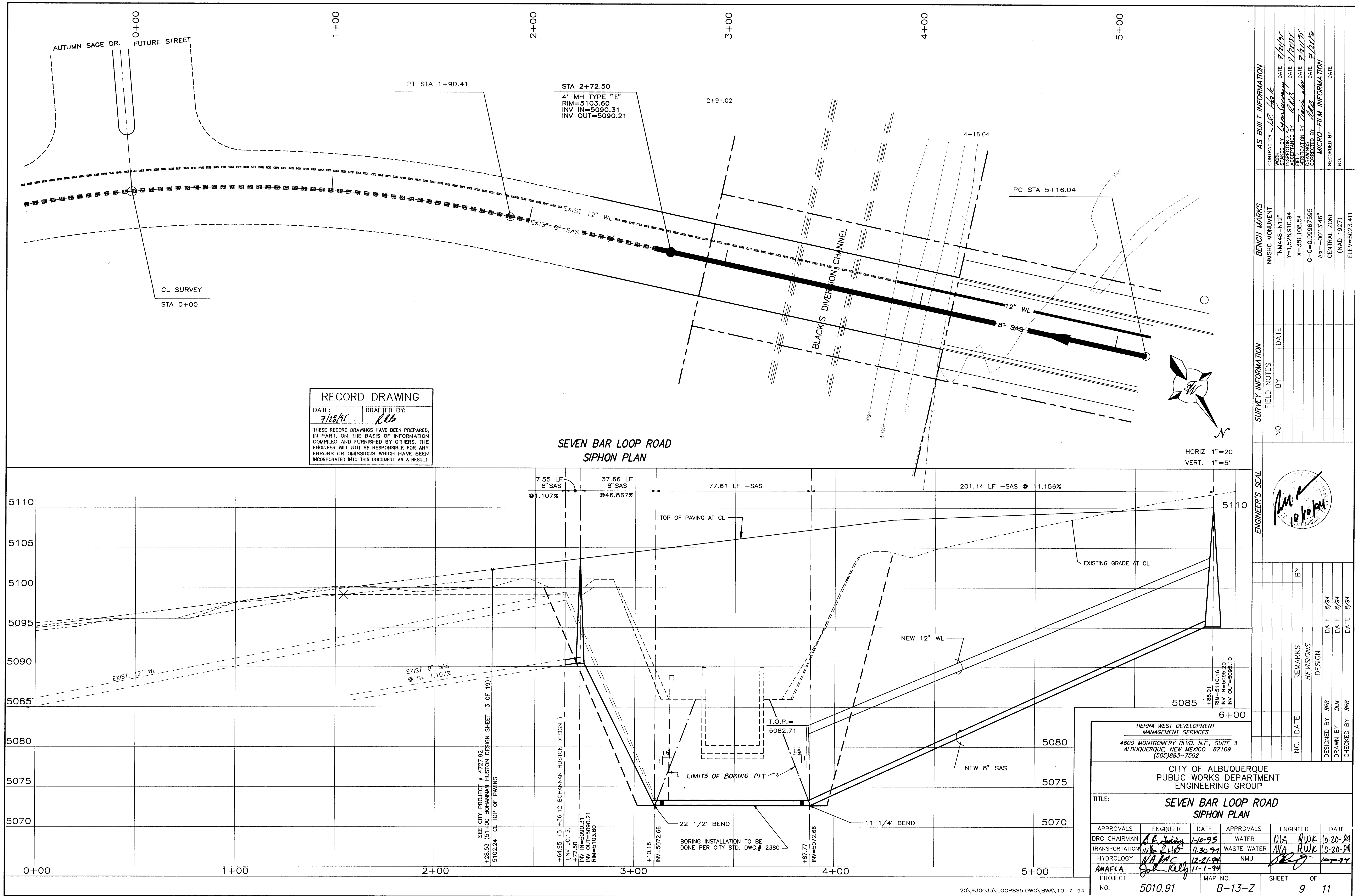
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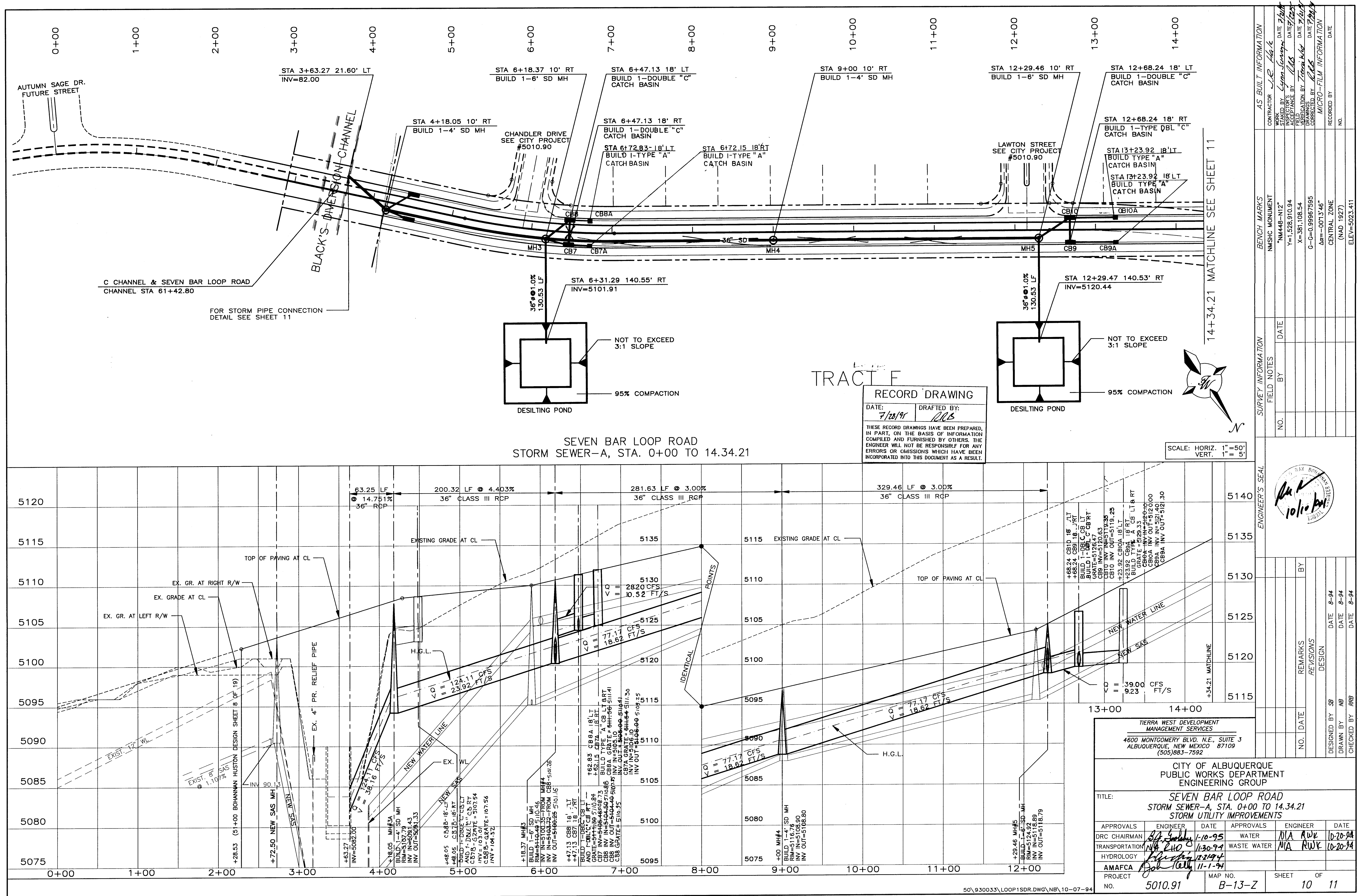
SCANNED BY
BYLASON



26-5010.97 10/1/94

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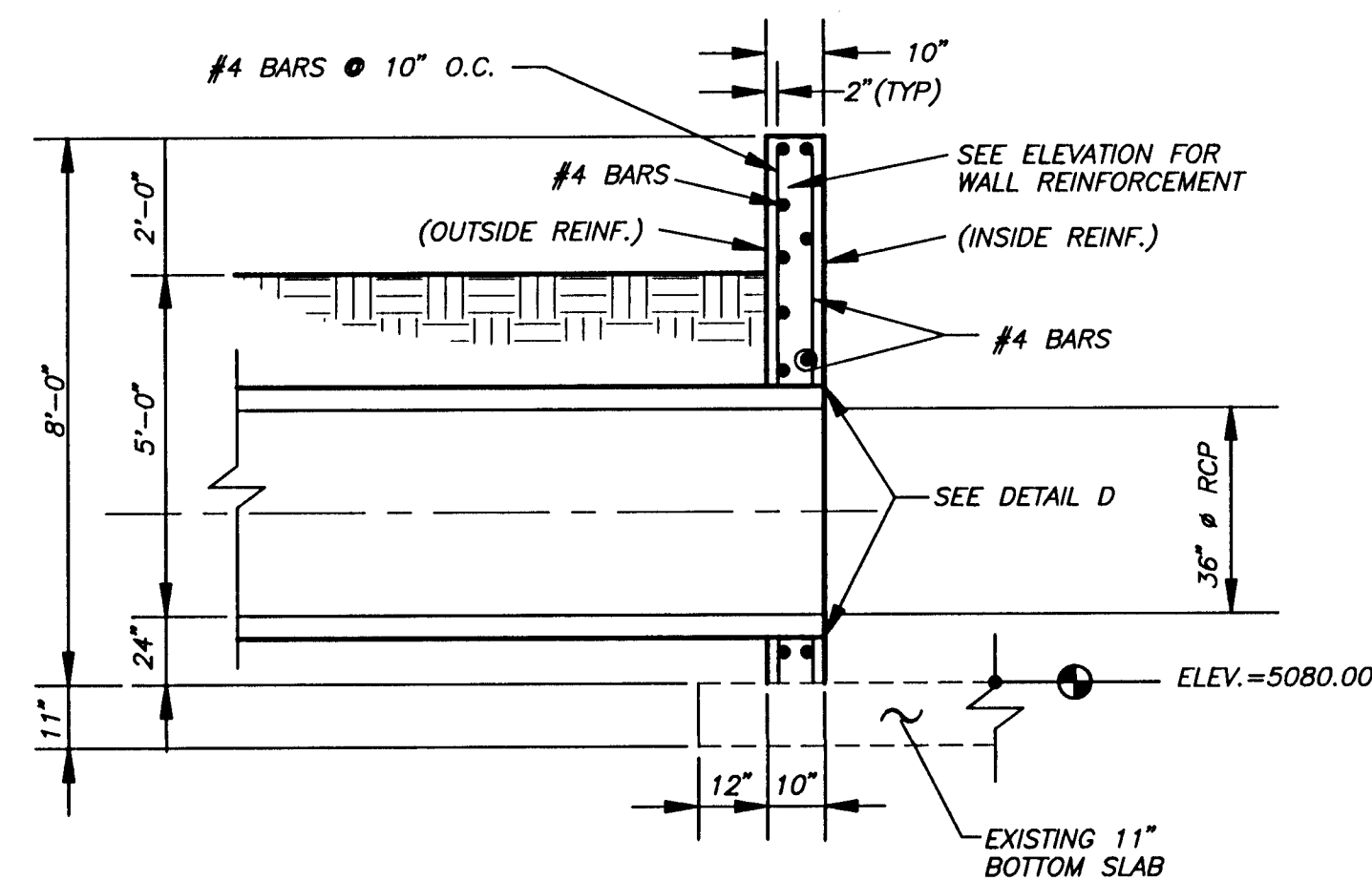
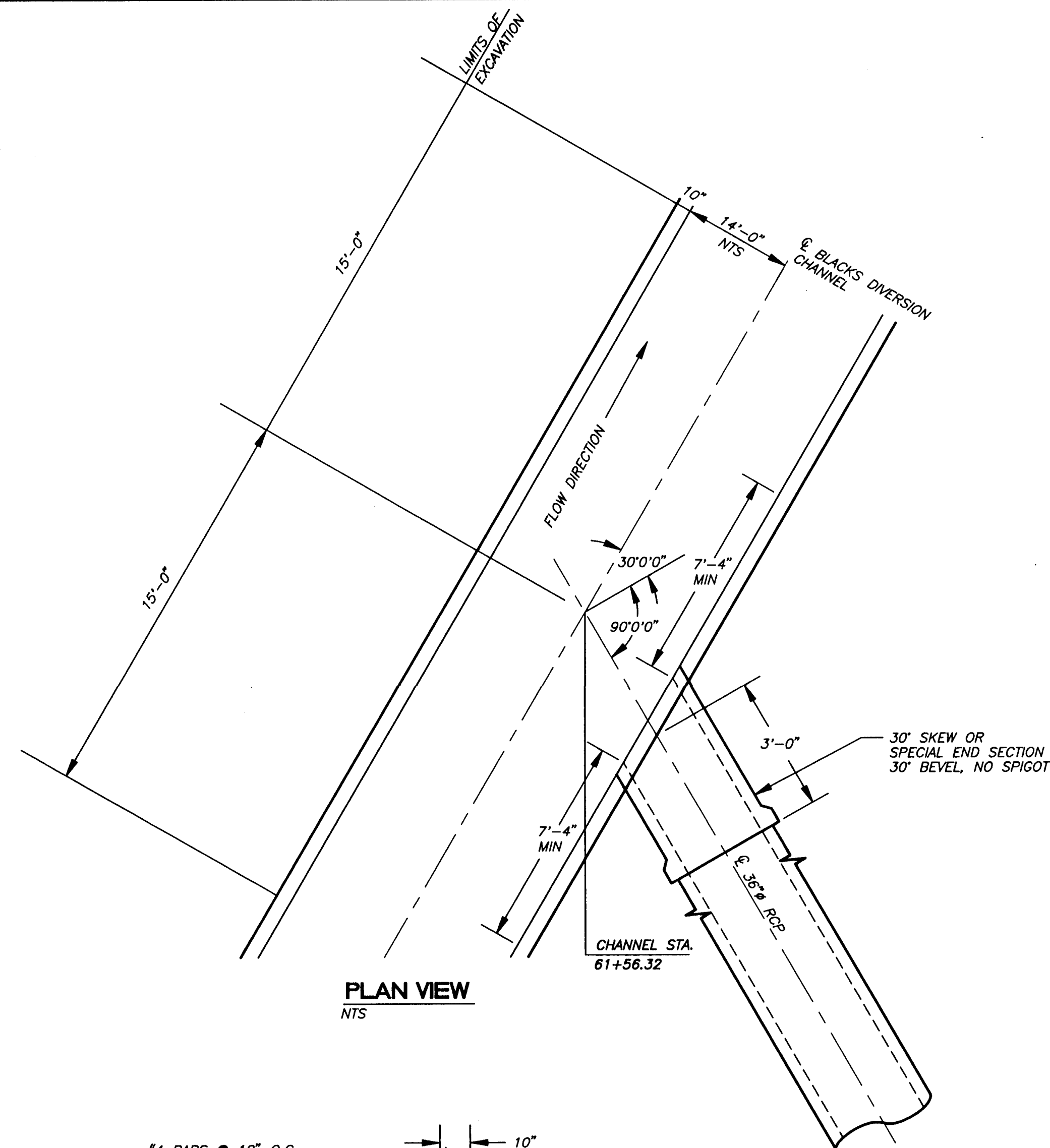




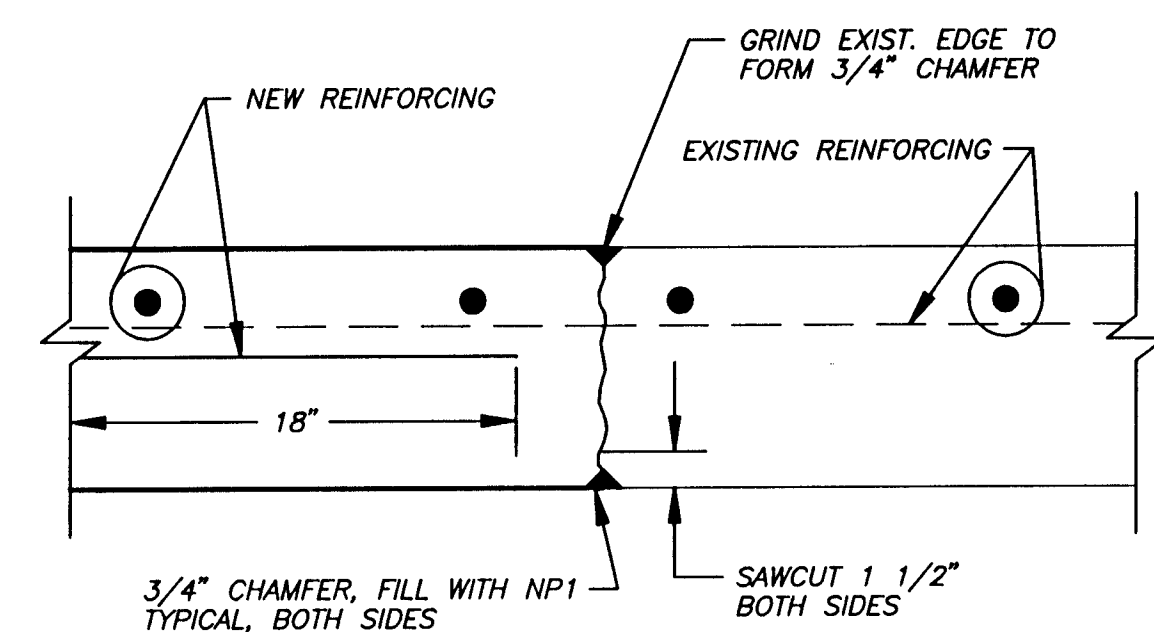
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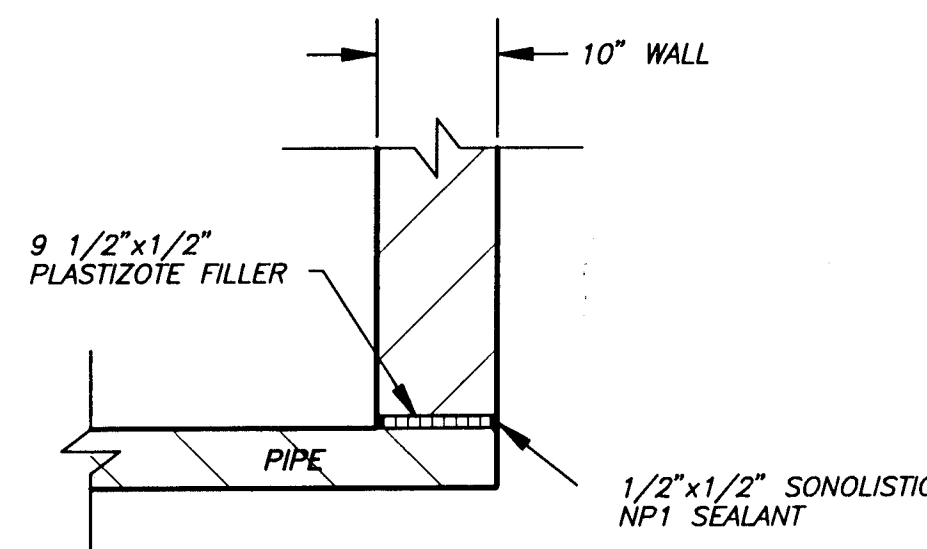
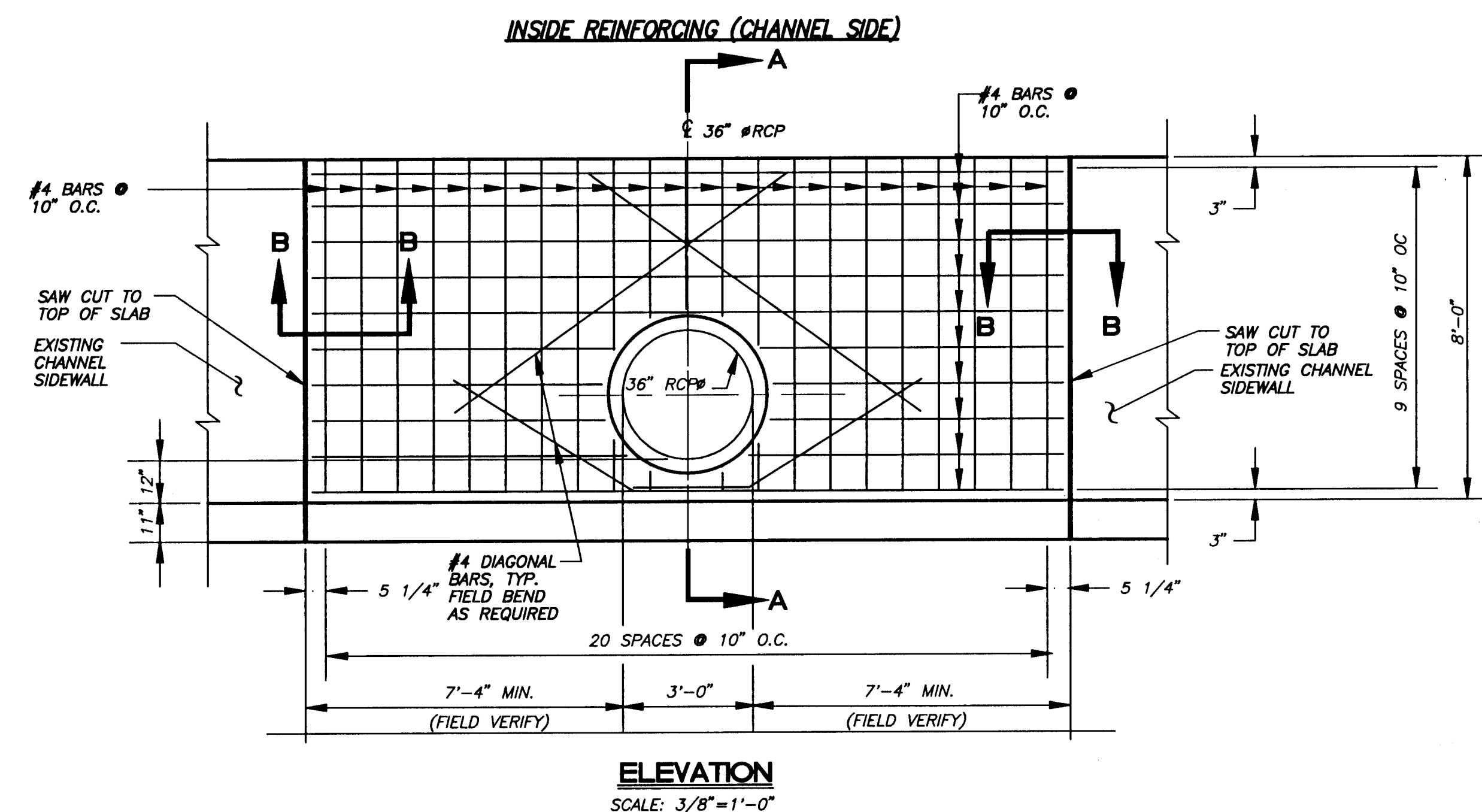
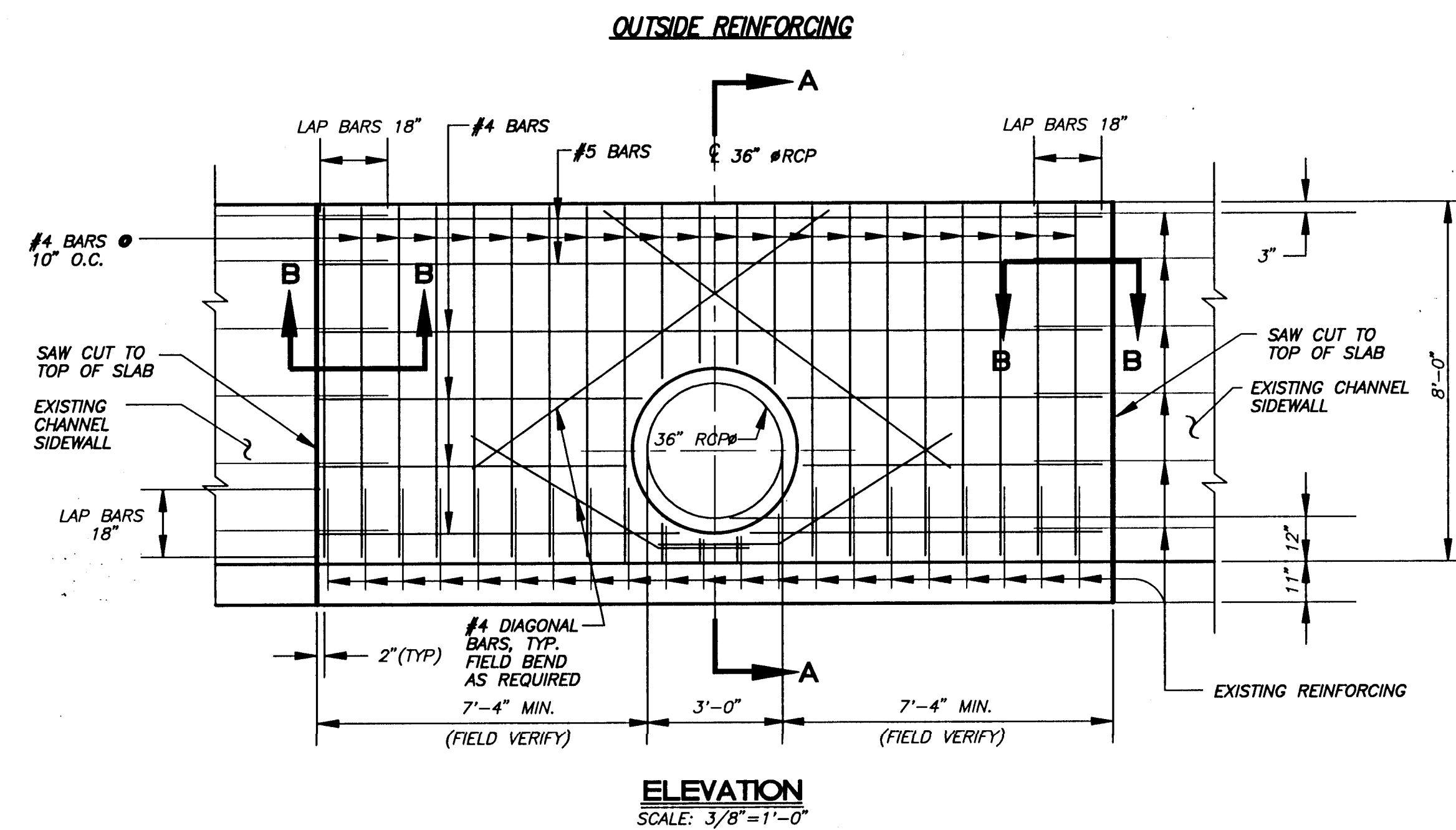
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BY LASON



SECTION A-A
SCALE: 3/8"=1'-0"



CONSTRUCTION JOINT
SECTION B-B
SCALE: 1 1/2"=1'-0"



RCP • WALL JOINT DETAIL
DETAIL D
SCALE: 3/4"=1'-0"

RECORD DRAWING

DATE: 7/28/95
DRAFTED BY: RRS
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NOTES

- MATERIALS:
CONCRETE FOR HYDRAULIC STRUCTURES
REF. SPEC. TABLE 101C
f'c = 4000 PSI
REINFORCING: ASTM A516, GRADE 60.
- WORK SHALL BE DONE BETWEEN THE MONTHS OF SEPTEMBER THRU MARCH.
- CONTRACTOR SHALL CONTACT:
MR. JOHN KELLY
AMAFCA
(505) 894-2215
PRIOR TO CONCRETE PLACEMENT FOR INSPECTION OF FORMS AND STEEL.
- DISTURBED SUBGRADE SHALL BE RECOMPACTED TO 100% MOD. PROCTOR DENSITY AS DETERMINED BY ASTM D1557.
- CONTRACTOR SHALL CLEAN ALL CONSTRUCTION DEBRIS FROM AREA.
- SEE GRADING PLAN FOR FINISHED GRADE.
- SEE SHEET 10 FOR ALIGNMENT OF 36" RCP.
- CONTRACTOR SHALL VERIFY INVERT ELEVATION SHOWN IN SECTION A-A.

CONSTRUCTION NOTES

- EXCAVATE BACK SIDE OF WALL TO LIMITS SHOWN IN PLAN.
- SAW CUT EXISTING CHANNEL WALL IN LOCATION SHOWN 1 1/2" DEEP ON BOTH SIDE AND TOP.
- REMOVE CONCRETE OF EXISTING WALL FROM TOP OF SLAB TO TOP OF WALL AND FROM EXISTING EXPANSION JOINT TO SAW CUT EDGE. SEE PLAN FOR LIMITS OF REMOVAL.
- BREAK OUT EXISTING CONCRETE ADJACENT TO SAW CUT AND BOTTOM SLAB USING A 30# CHIPPING HAMMER TO AVOID DAMAGE TO REMAINING CONCRETE.
- PRESERVE 18" OF EXISTING HORIZONTAL WALL REINFORCING AND VERTICAL DOWELS IN BOTTOM SLAB.
- TIE STEEL AND INSTALL JOINTS AS SHOWN IN DETAILS.
- MATCH FORM LINERS, COLOR AND FINISH OF EXISTING CONCRETE.
- BACKFILL OUTSIDE OF CHANNEL TO ORIGINAL GRADE AFTER CONCRETE HAS GAINED 80% OF DESIGN STRENGTH.

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	BY	NO.	NATCH MONUMENT	DATE	BY	NO.	FIELD NOTES	DATE	BY	NO.	NO.	DATE	BY	NO.
BY: Lynn Sweeney	7/26/95			"M4448-N12"	7/26/95										
INSPECTOR'S	DATE	BY	NO.	Y=1528.910.94											
FIELD	DATE	BY	NO.	X=381.108.54											
VERIFICATION BY	DATE	BY	NO.	G=0-0.99967595											
CORRECTED BY	DATE	BY	NO.	Δ= -00'13.46"											
MICRO-FILM INFORMATION	DATE	BY	NO.	CENTRAL ZONE											
RECORDED BY	DATE	BY	NO.	(NAD 1927)											
				ELEV=5023.411											

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SEVEN BAR LOOP ROAD STORM DRAIN CONNECTION TO BLACK DIVERSION CHANNEL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R. J. Sweeney	1-10-95	WATER	NIA RWR	10-20-94
TRANSPORTATION	NIA RWR	11-30-97	WASTE WATER	NIA RWR	10-20-94
HYDROLOGY	R. J. Sweeney	12-21-94			
AMAFCA	John Kelly	11-1-94			
PROJECT NO.	5010.91	MAP NO.	B-13-Z	SHEET	11 OF 11

32\933033\9333DET.DWG\BWA\10-7-94

26-5d/0.19/11/96

SCANNED BY