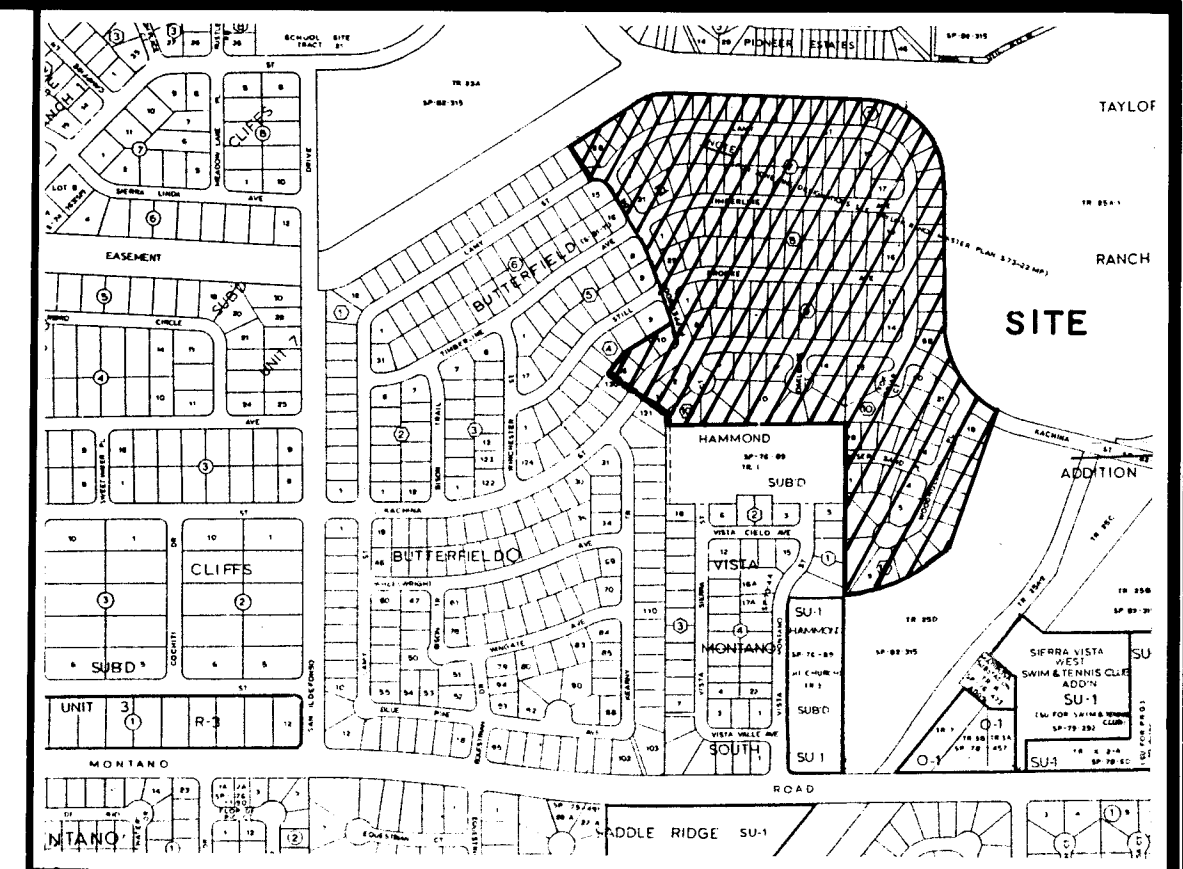


BUTTERFIELD II

PHASE A

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE, VICINITY MAP, INDEX TO DRAWINGS
2-3	PLATS OF GEOMETRY
4-5	GRADING PLAN
6	TEMPORARY DIVERSION CHANNEL
7	PAVING COMPOSITE
8-13	PAVING-PLAN AND PROFILE
14	UTILITY COMPOSITE
15-20	UTILITY-PLAN AND PROFILE
21	KACHINA STREET-STORM DRAIN IMPROVEMENTS
22-24	STORM DRAIN DETAILS/ PLAN AND PROFILE



VICINITY MAP E-II-Z

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 INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- 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 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.

Construction Notice for Final Acceptance

- FINAL ACCEPTANCE OF THIS PROJECT SHALL BE CONTINGENT UPON SUBSTANTIAL COMPLETION OF BUTTERFIELD PHASE 2B INCLUDING BASE COURSE ON STREETS OR INTERIM-DRAINAGE IMPROVEMENTS SHOWN ON SHEET 6 (WITH EASEMENTS).
- PLEASE OBTAIN CLEARANCE ON THIS FROM THE DESIGN SECTION, MDD/ENGINEERING.

CLEARED FOR FINAL ACCEPTANCE

DESIGN SECTION; MDD/ENGINEERING

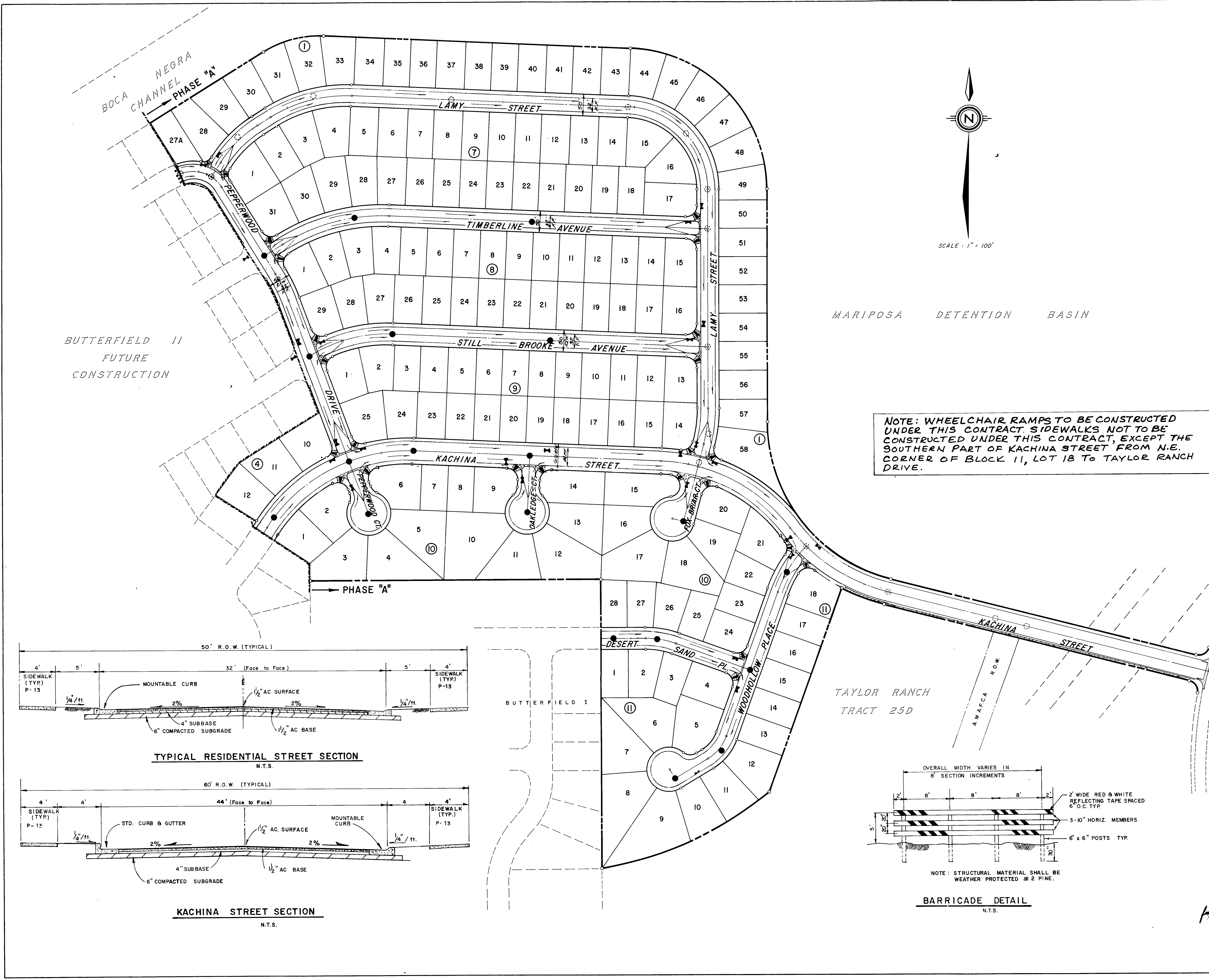
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

ENGINEER'S SEAL	DATE:	community sciences corporation	APPROVED FOR CONSTRUCTION
DESIGNED:	SCALE:		CITY ENGINEER
DRAWN:	DESIGNED:		
JOB NO:	DATE:		
PROJECT NO.	2651		SHEET 1 OF 24

26 26510/86

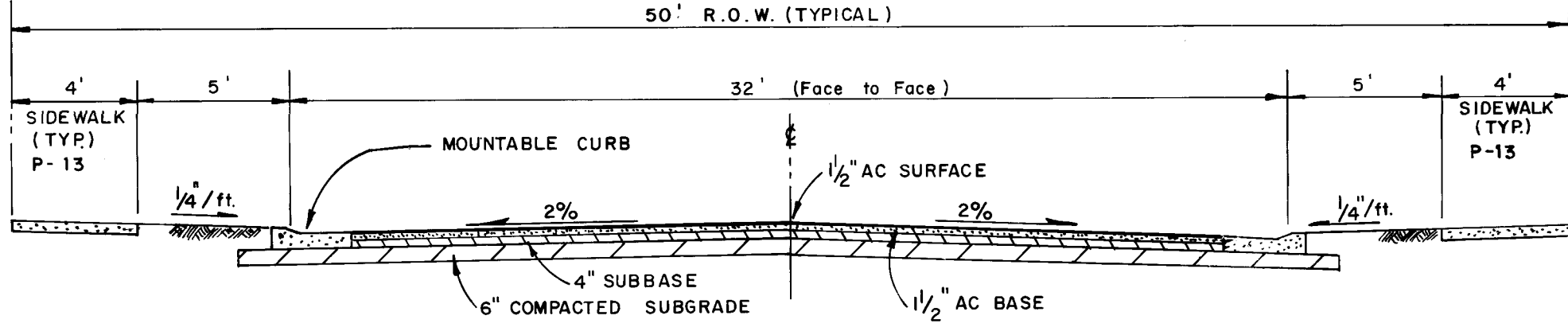
8-18-86

11/13/85

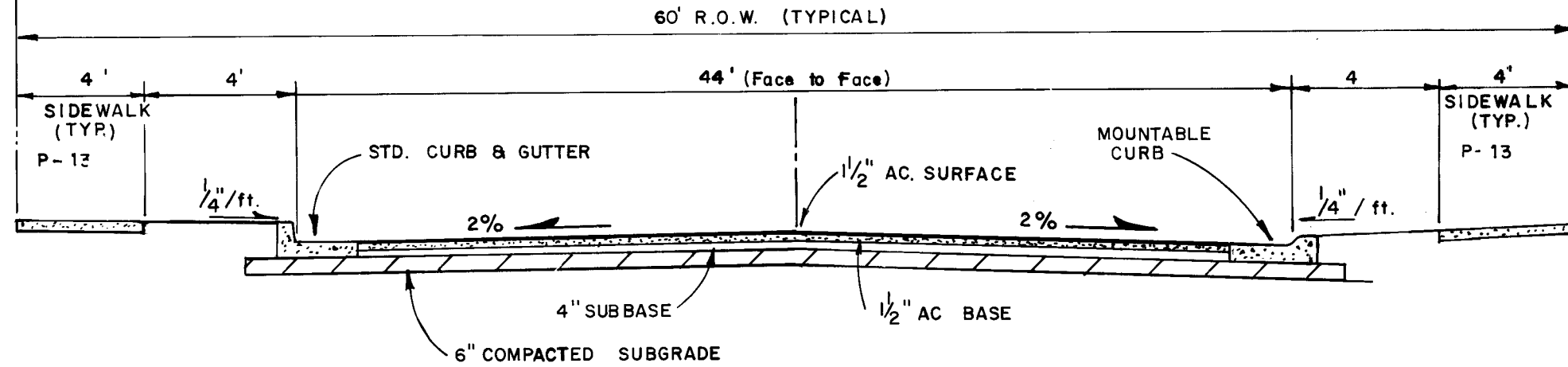


NOTE: WHEELCHAIR RAMPS TO BE CONSTRUCTED UNDER THIS CONTRACT. SIDEWALKS NOT TO BE CONSTRUCTED UNDER THIS CONTRACT, EXCEPT THE SOUTHERN PART OF KACHINA STREET FROM N.E. CORNER OF BLOCK 11, LOT 18 TO TAYLOR RANCH DRIVE.

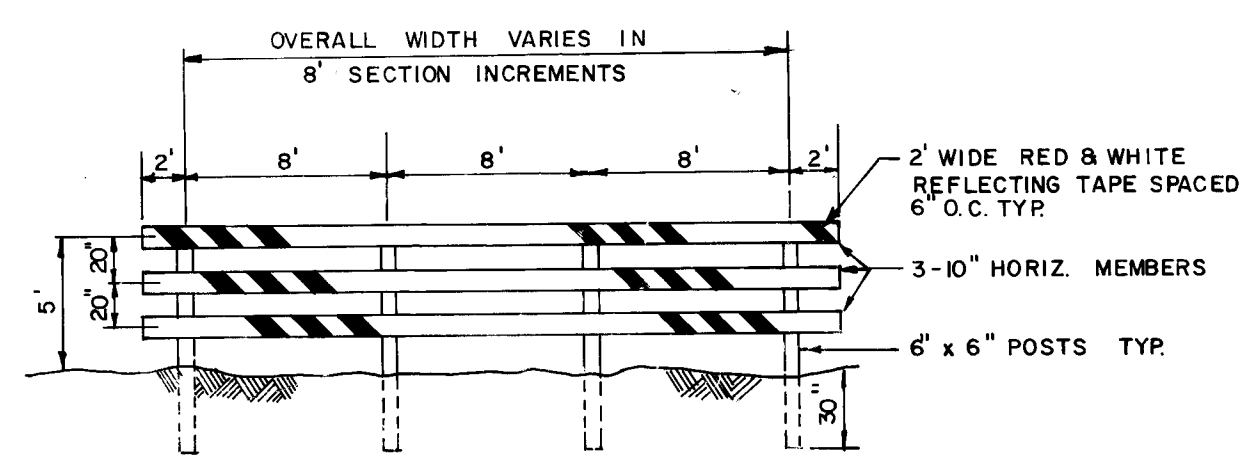
NOTE: CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF ALL EXISTING PAVEMENTS PRIOR TO CONSTRUCTION.



TYPICAL RESIDENTIAL STREET SECTION
N.T.S.



KACHINA STREET SECTION
N.T.S.



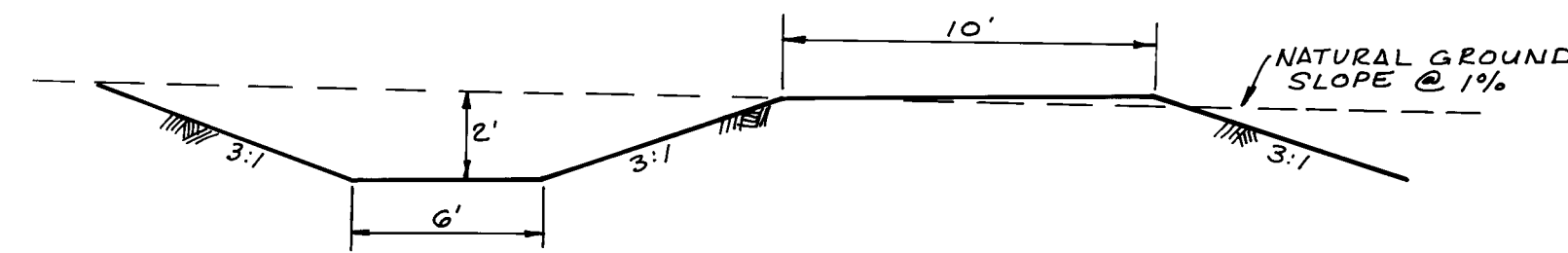
NOTE: STRUCTURAL MATERIAL SHALL BE WEATHER PROTECTED #2 PINE.

BARRICADE DETAIL
N.T.S.

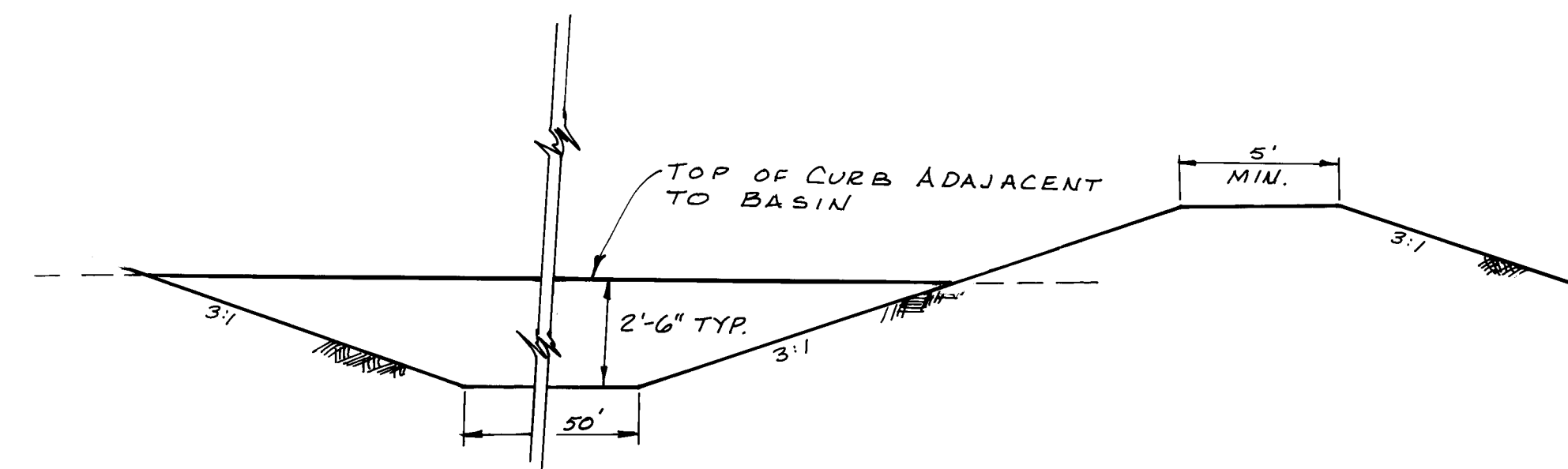
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		BY	
CONTRACTOR	DATE	ACROSS BRASS CAP IN CONCRETE LOCATED WITHIN LOT 11 BUTTERFIELD SUBDIVISION, 22' EAST OF THE WESTERLY RETURN OF SAN ILDEFONSO DRIVE, N.W. AND KACHINA STREET, N.W. ELEVATION 5129.29	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
WORKED BY	DATE										
INSPECTED BY	DATE										
ACCEPTANCE BY	DATE										
DESIGNED BY	DATE										
DRAWN BY	DATE										
CHECKED BY	DATE										
RECORDED BY	DATE										

26 26510786

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II, PHASE "A" PAVING COMPOSITE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	7 OF 24

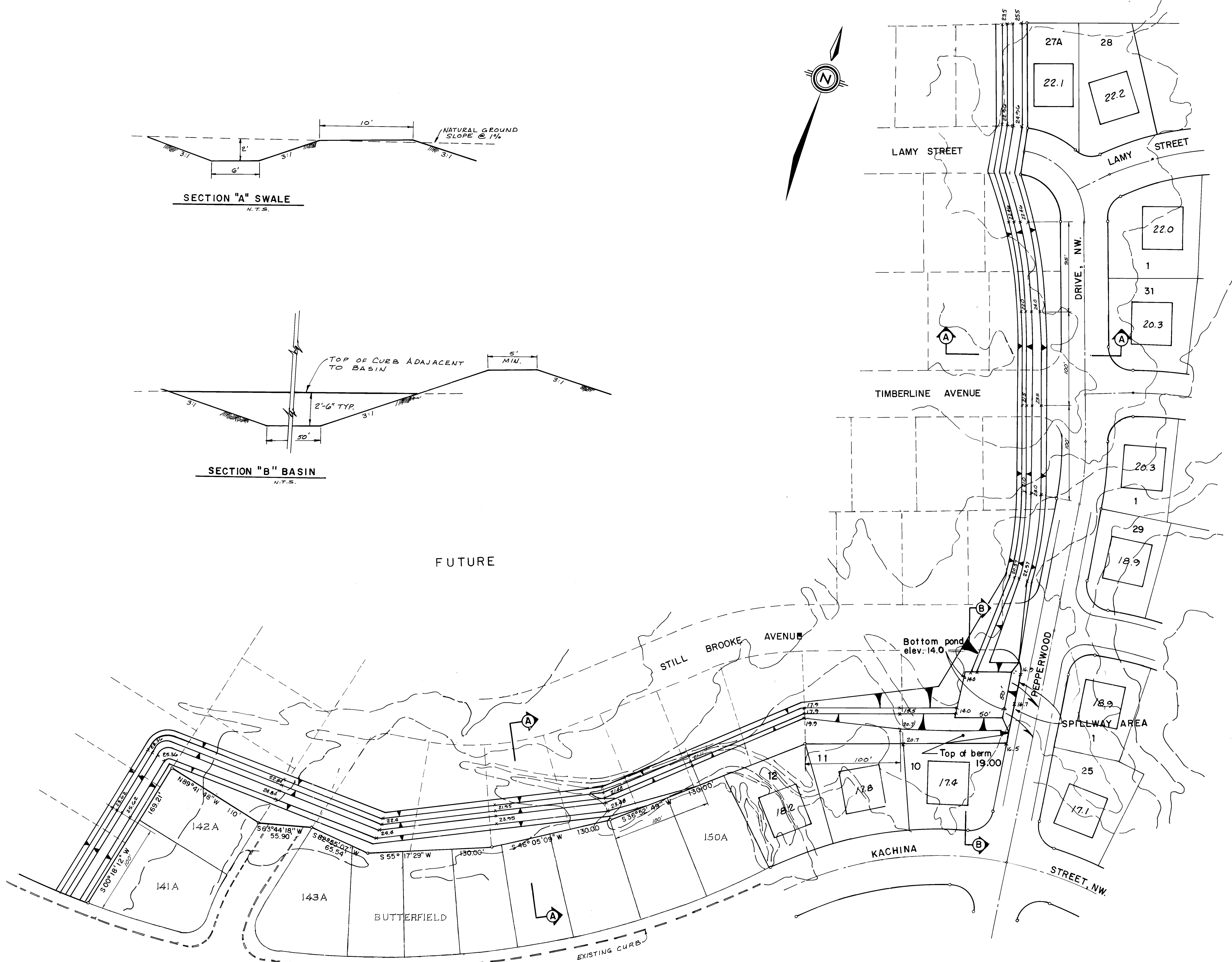
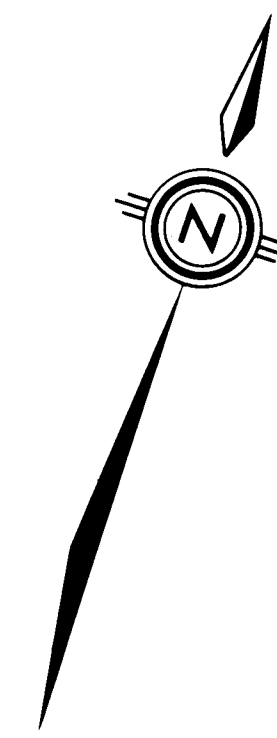


SECTION "A" SWALE
N.T.S.



SECTION "B" BASIN
N.T.S.

FUTURE



26 26510686

SCALE:
1" = 50'

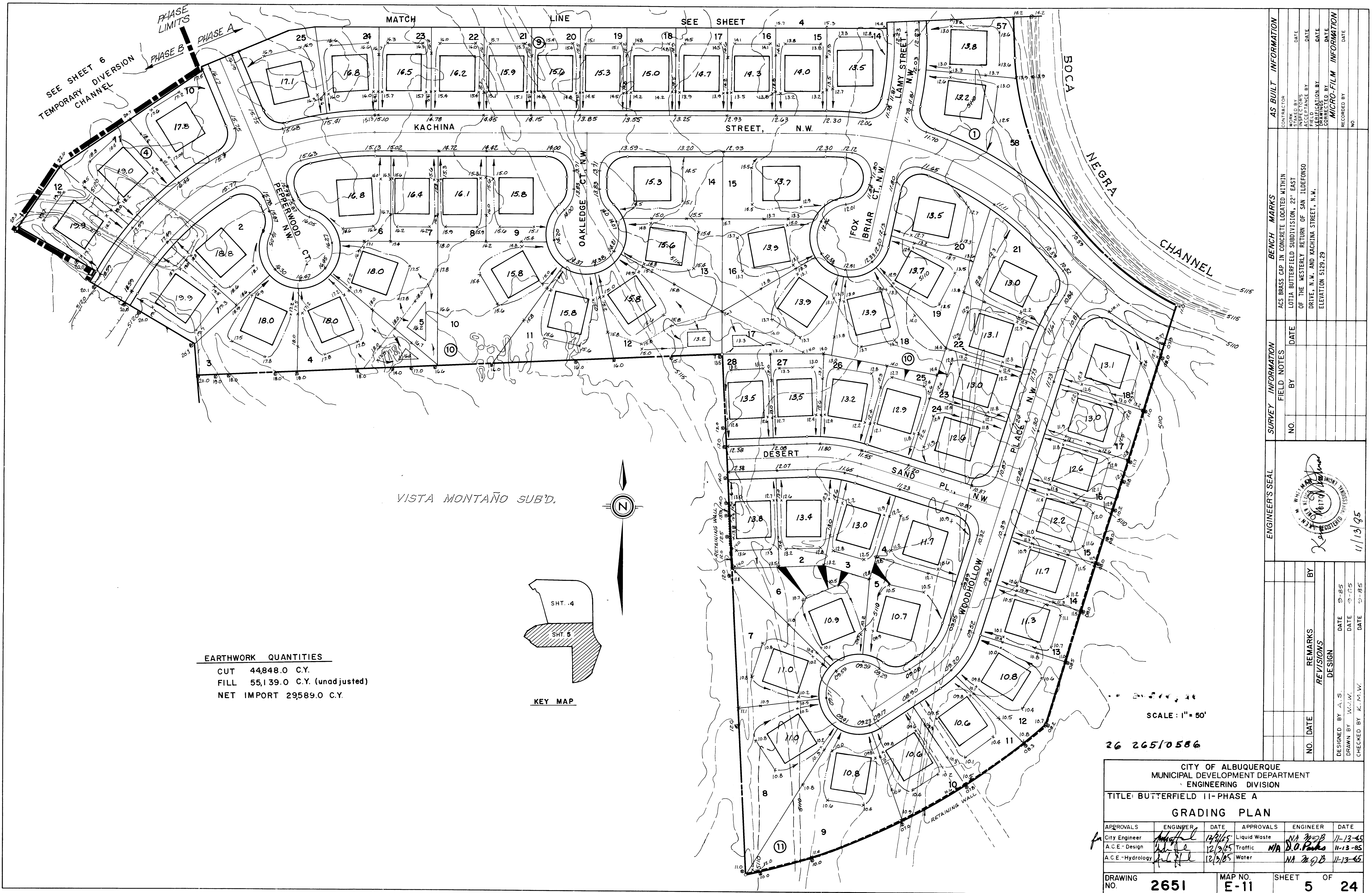
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: BUTTERFIELD II - PHASE A
TEMPORARY DIVERSION CHANNEL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/3/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85

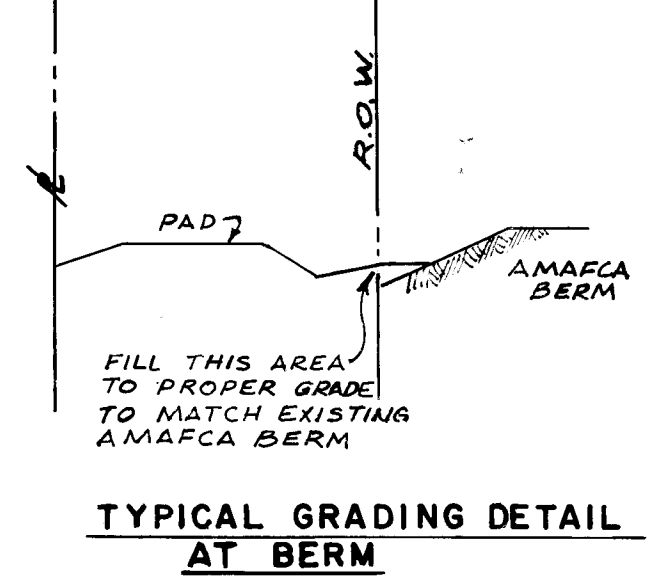
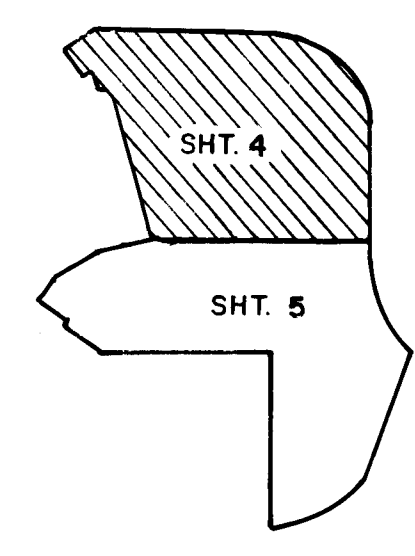
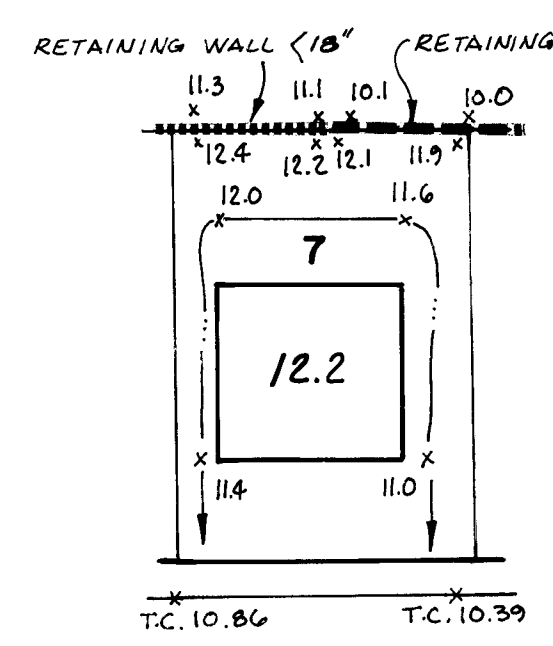
DRAWING NO. 2651 MAP NO. E11 SHEET 6 OF 24

SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
NO.	BY	DATE	NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
					ACS BRASS CAP IN CONCRETE LOCATED WITHIN LOT 14 BUTTERFIELD SUBDIVISION, 22' EAST OF THE WESTERLY RETURN OF SAN ILDEFONSO DRIVE, N.M. AND KACHINA STREET, N.M. ELEVATION 5129.29			
ENGINEER'S SEAL			MICRO-FILM INFORMATION			RECORDED BY		





BUTTERFIELD II
PHASE - B
(FUTURE CONSTRUCTION)

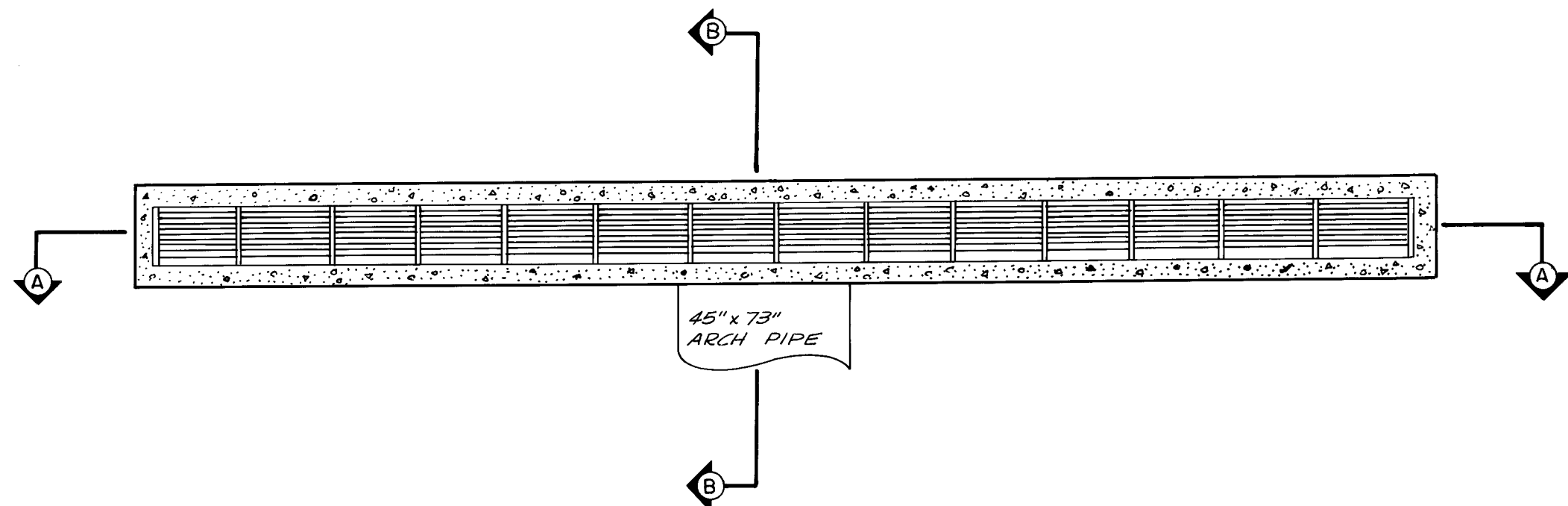


SCALE: 1" = 50'

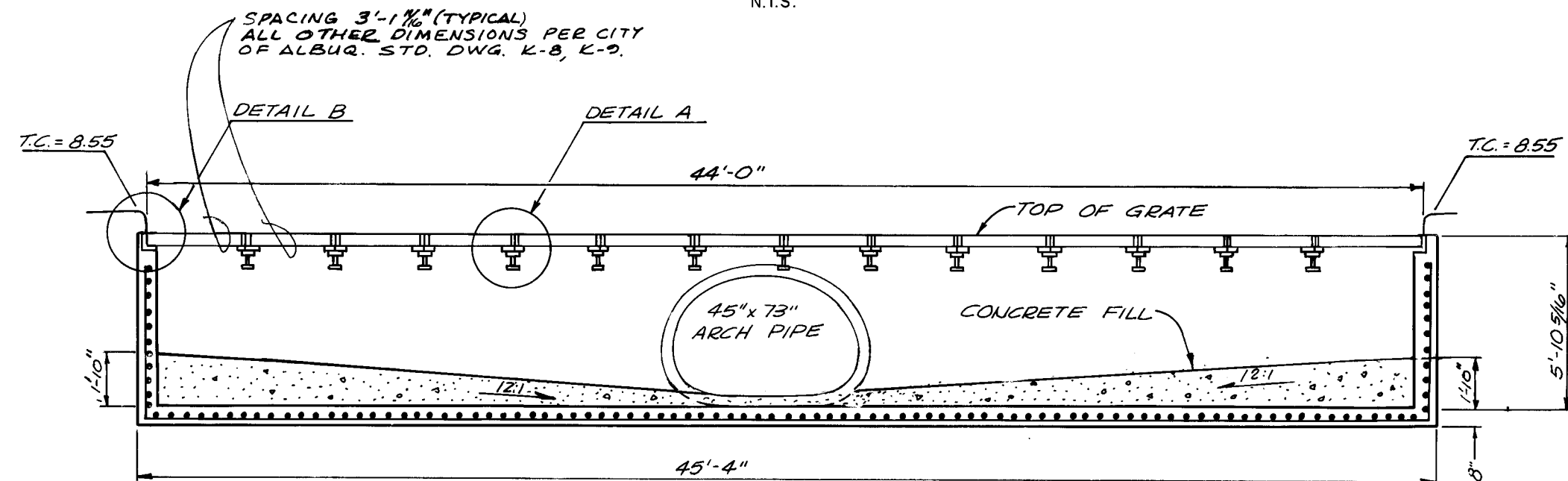
26 26510486

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION							
TITLE: BUTTERFIELD II - PHASE A							
GRADING PLAN							
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
City Engineer	<i>[Signature]</i>	11/13/85	Liquid Waste	<i>[Signature]</i>	11-13-85		
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85		
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85		
DRAWING NO.	2651	MAP NO.	E-11	SHEET	4	OF 24	

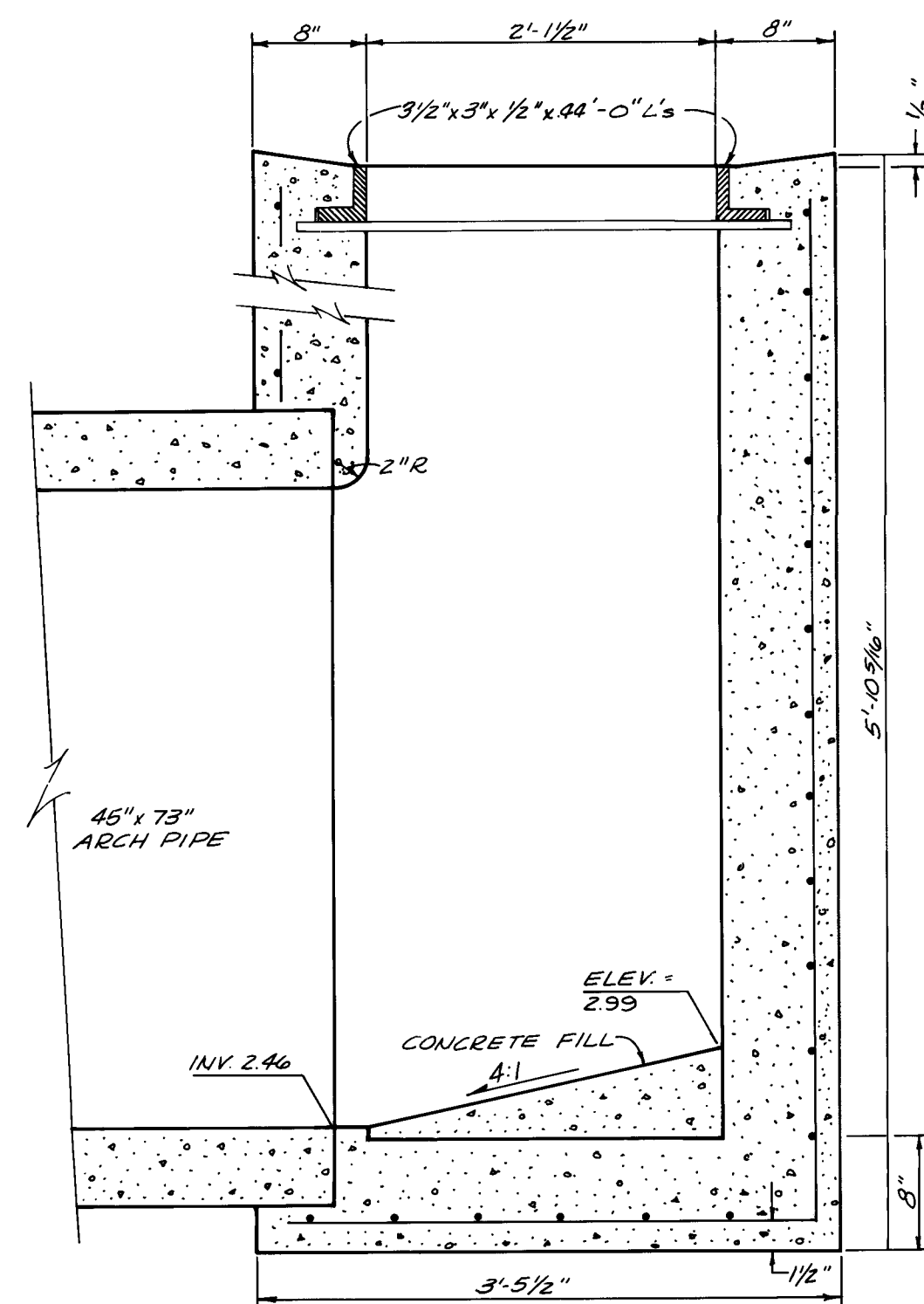
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE
1	11/13/85	1	11/13/85	1	11/13/85
2		2		2	
3		3		3	
4		4		4	
5		5		5	
6		6		6	
7		7		7	
8		8		8	
9		9		9	
10		10		10	
11		11		11	
12		12		12	
13		13		13	
14		14		14	
15		15		15	
16		16		16	
17		17		17	
18		18		18	
19		19		19	
20		20		20	
21		21		21	
22		22		22	
23		23		23	
24		24		24	
25		25		25	
26		26		26	
27		27		27	
28		28		28	
29		29		29	
30		30		30	
31		31		31	
32		32		32	
33		33		33	
34		34		34	
35		35		35	
36		36		36	
37		37		37	
38		38		38	
39		39		39	
40		40		40	
41		41		41	
42		42		42	
43		43		43	
44		44		44	
45		45		45	
46		46		46	
47		47		47	
48		48		48	
49		49		49	
50		50		50	
51		51		51	
52		52		52	
53		53		53	
54		54		54	
55		55		55	
56		56		56	



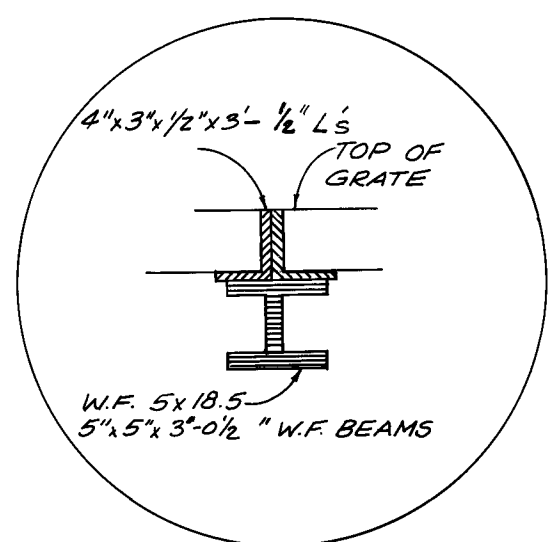
SPECIAL DESIGN CATCH BASIN
PLAN VIEW
N.T.S.



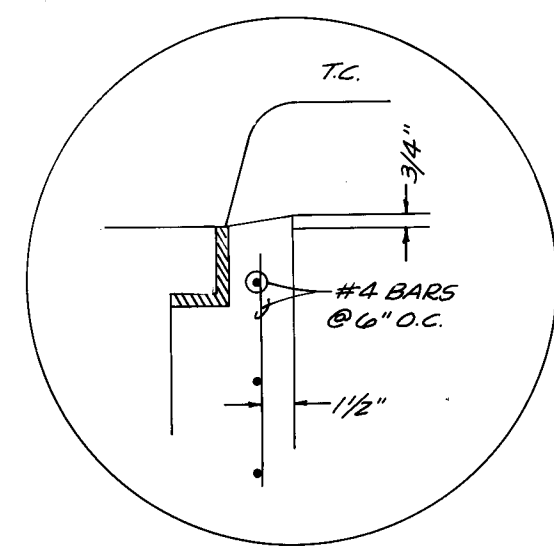
SECTION A-A
SCALE: 1" = 5'



SECTION B-B
SCALE: 1" = 1'-0"



DETAIL A
SCALE: 1" = 1'-0"

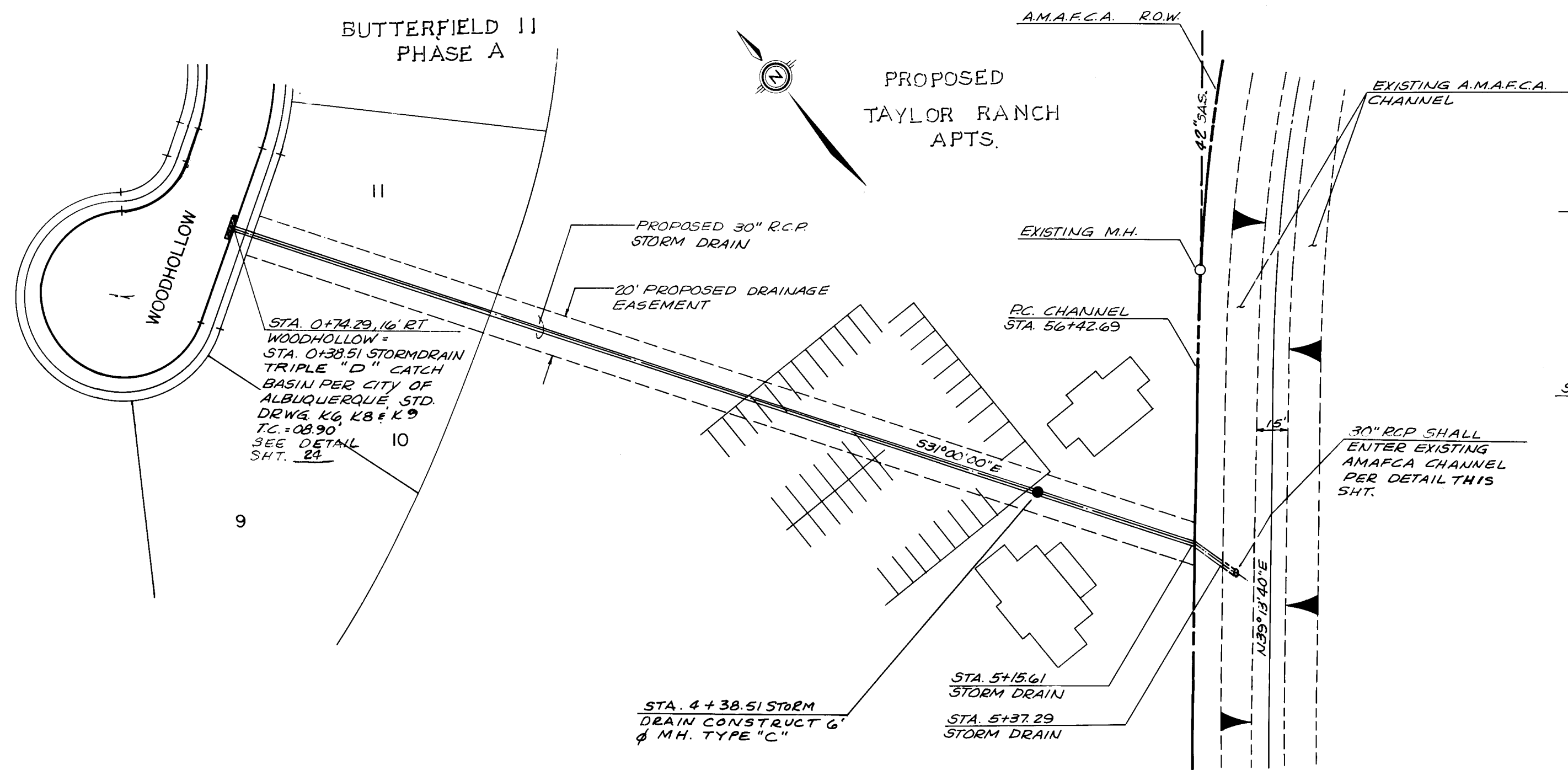


DETAIL B
SCALE: 1" = 1'-0"

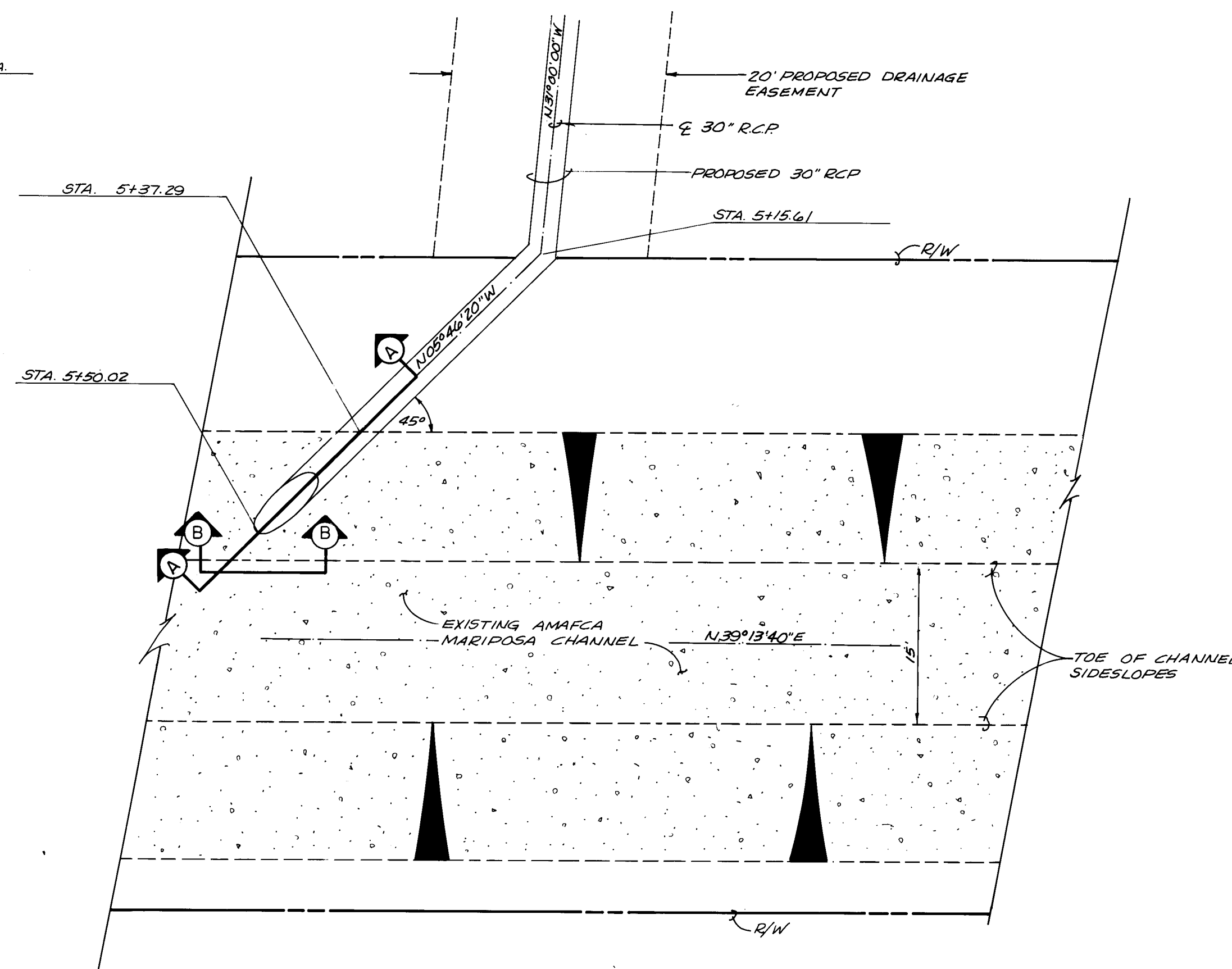
2626512386

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A STORM DRAIN DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Amie H. ...</i>	12/5/85	Liquid Waste	<i>NA D.A. ...</i>	11-13-85
A.C.E. - Design	<i>Amie H. ...</i>	12/5/85	Traffic	<i>NA D.A. ...</i>	11-13-85
A.C.E. - Hydrology	<i>Amie H. ...</i>	12/5/85	Water	<i>NA D.A. ...</i>	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	23 OF 24

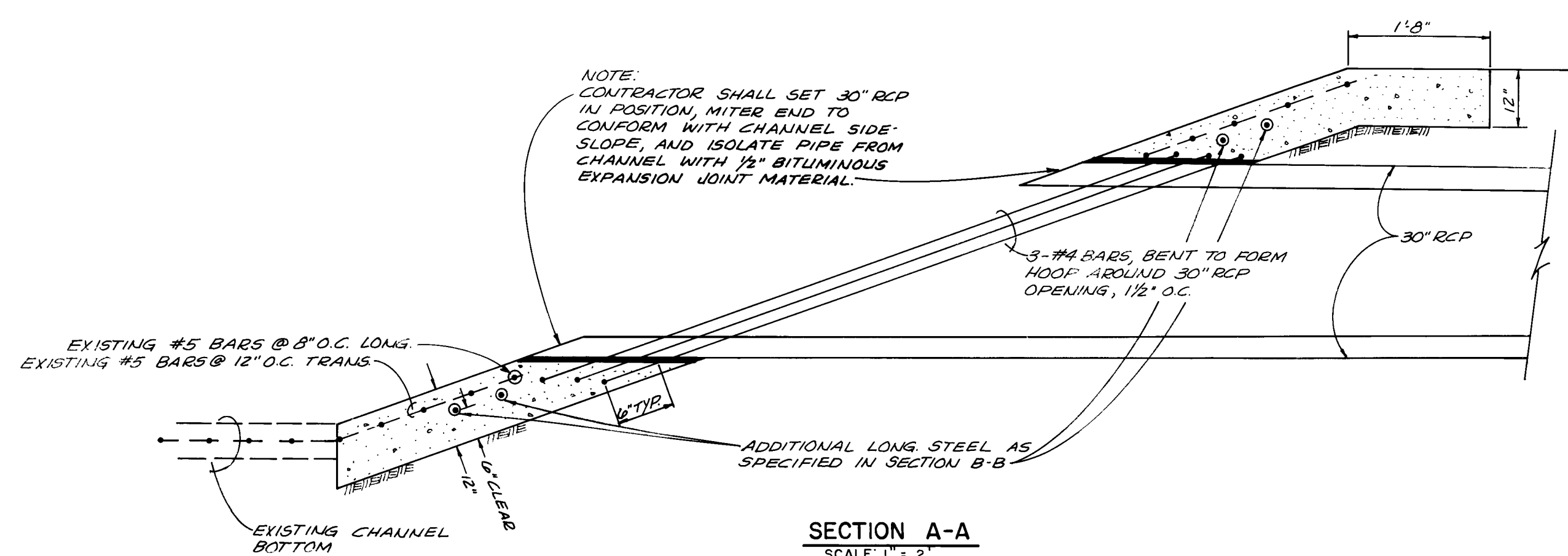
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		DATE		CONTRACTOR	
		NO.	BY	DATE	WORK O. BY		
REMARKS		NO.		DATE		INSPECTOR'S	
REVISIONS		NO.		DATE		ACCEPTANCE BY	
DESIGN		NO.		DATE		VERIFICATION BY	
DESIGNED BY M.J.Y.		NO.		DATE		DRAWING O. BY	
DRAWN BY C.S.S.		NO.		DATE		MICRO-FILM INFORMATION	
CHECKED BY K.M.W.		NO.		DATE		RECORDED BY	
DATE 9-85		NO.		DATE		NO.	
DATE 9-85		NO.		DATE		NO.	
DATE 9-85		NO.		DATE		NO.	



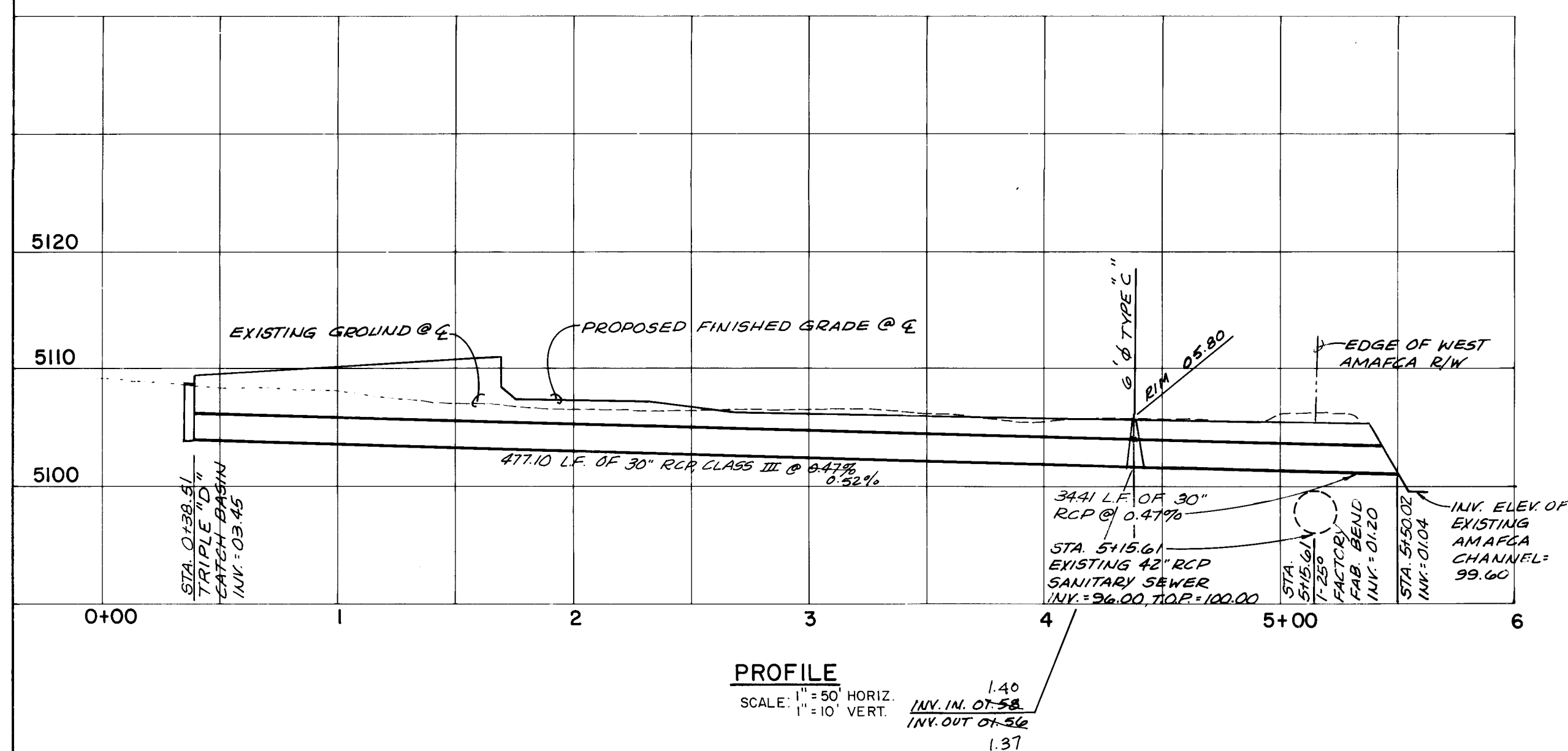
PLAN
SCALE: 1" = 50'



PLAN DETAIL AT CHANNEL SIDEWALL
SCALE: 1" = 10'



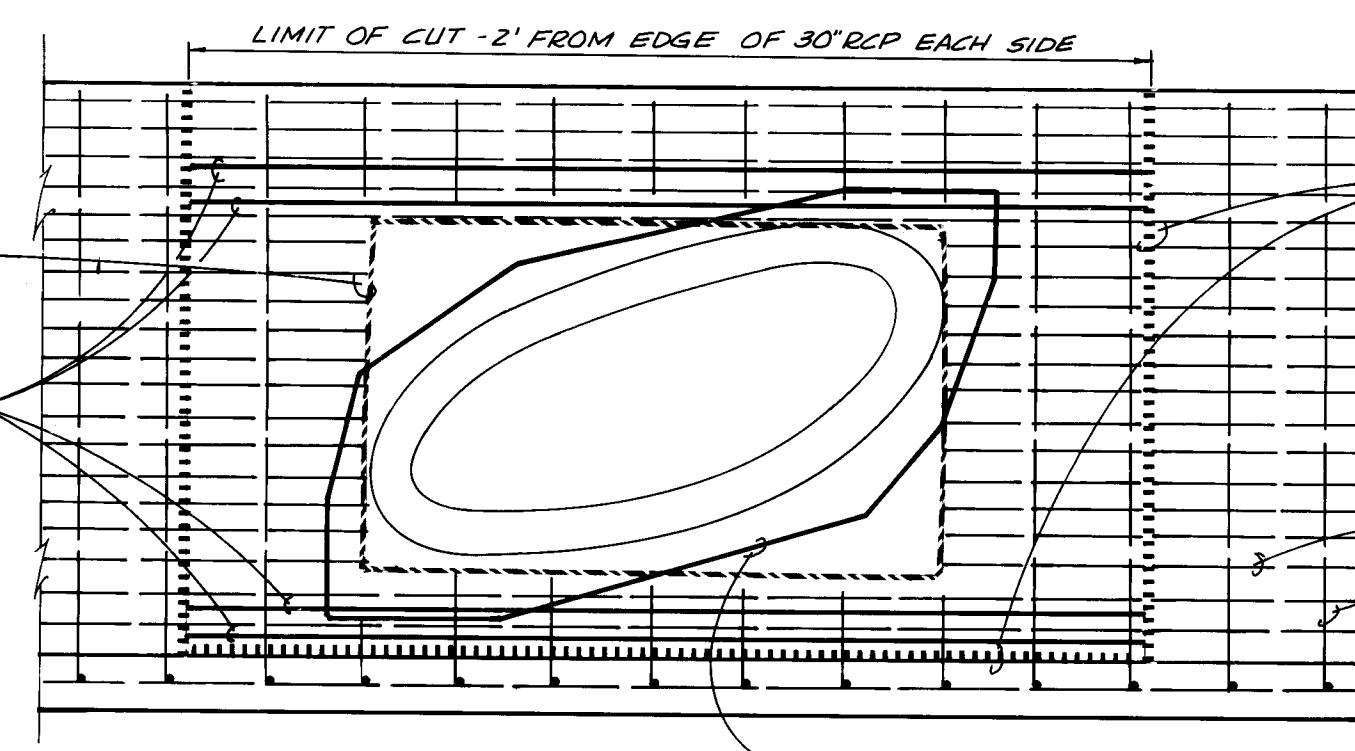
SECTION A-A
SCALE: 1" = 2'



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

ALONG THIS LIMIT CONTRACTOR SHALL SAWCUT SIDEWALL CHANNEL TO FULL DEPTH, 2" BEYOND OUTER WALL OF NEW 30" RCP

CONTRACTOR SHALL ADD 4-#7 BARS @ 8" O.C.



SECTION B-B
SCALE: 1" = 2'

ALONG THIS LIMIT CONTRACTOR SHALL SAWCUT CONCRETE 2" THEN REMOVE CONCRETE LEAVING REINFORCEMENT INTACT. APPLY DURALBOND (OR EQUIVALENT SOLID EPOXY BONDING MATERIAL) TO THIS SURFACE AND REPOUR CONCRETE SIDEWALL. CONCRETE SHALL CONFORM TO CITY OF ALBUQUERQUE STD. SPECIFICATION 1A.510.

EXISTING #5 BARS @ 8" O.C. LONG.
EXISTING #5 BARS @ 12" O.C. TRANS.

HOOP REINFORCEMENT ADDED TO PLANE OF CHANNEL WALL AS SPECIFIED IN SECTION A-A

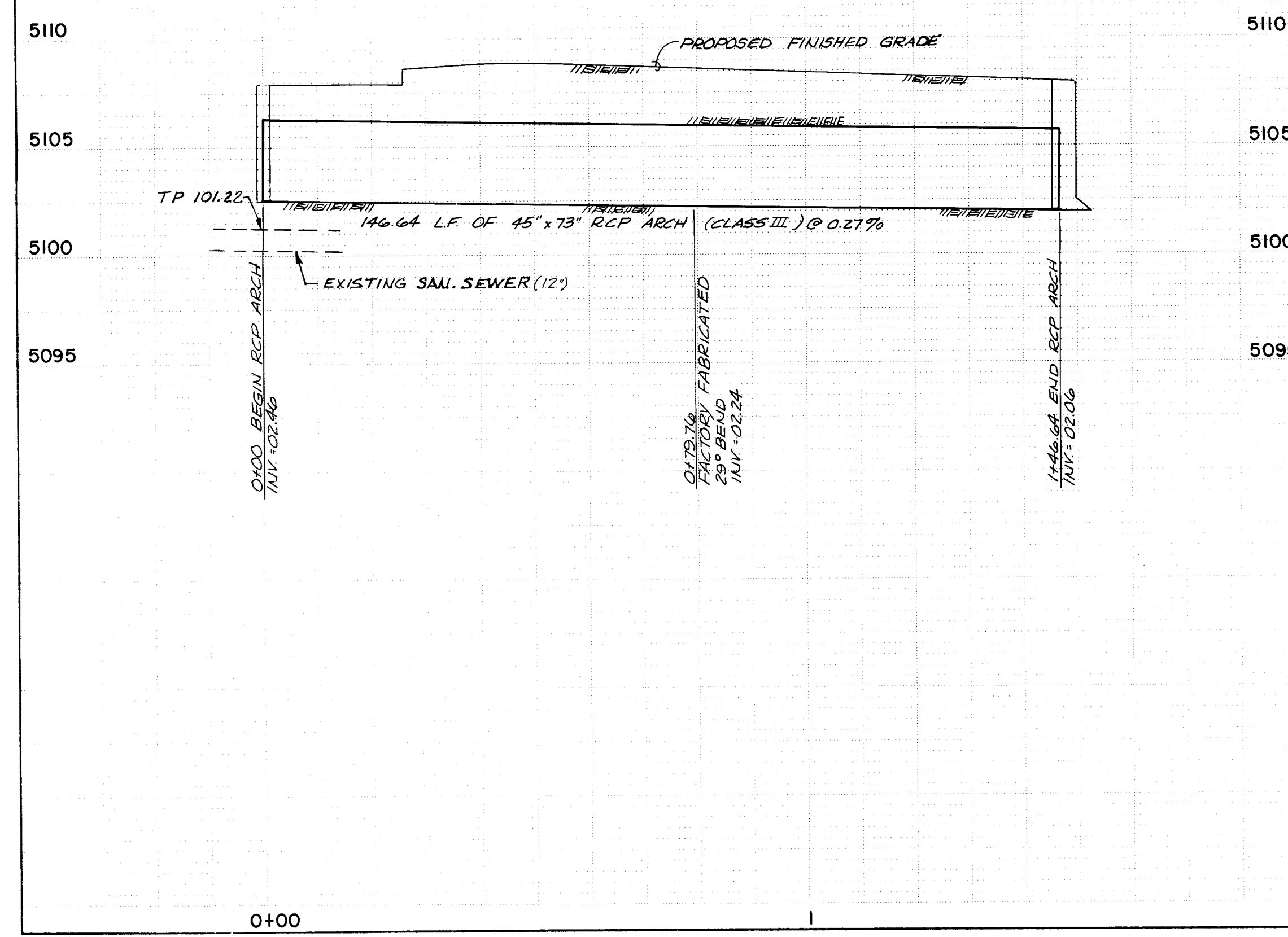
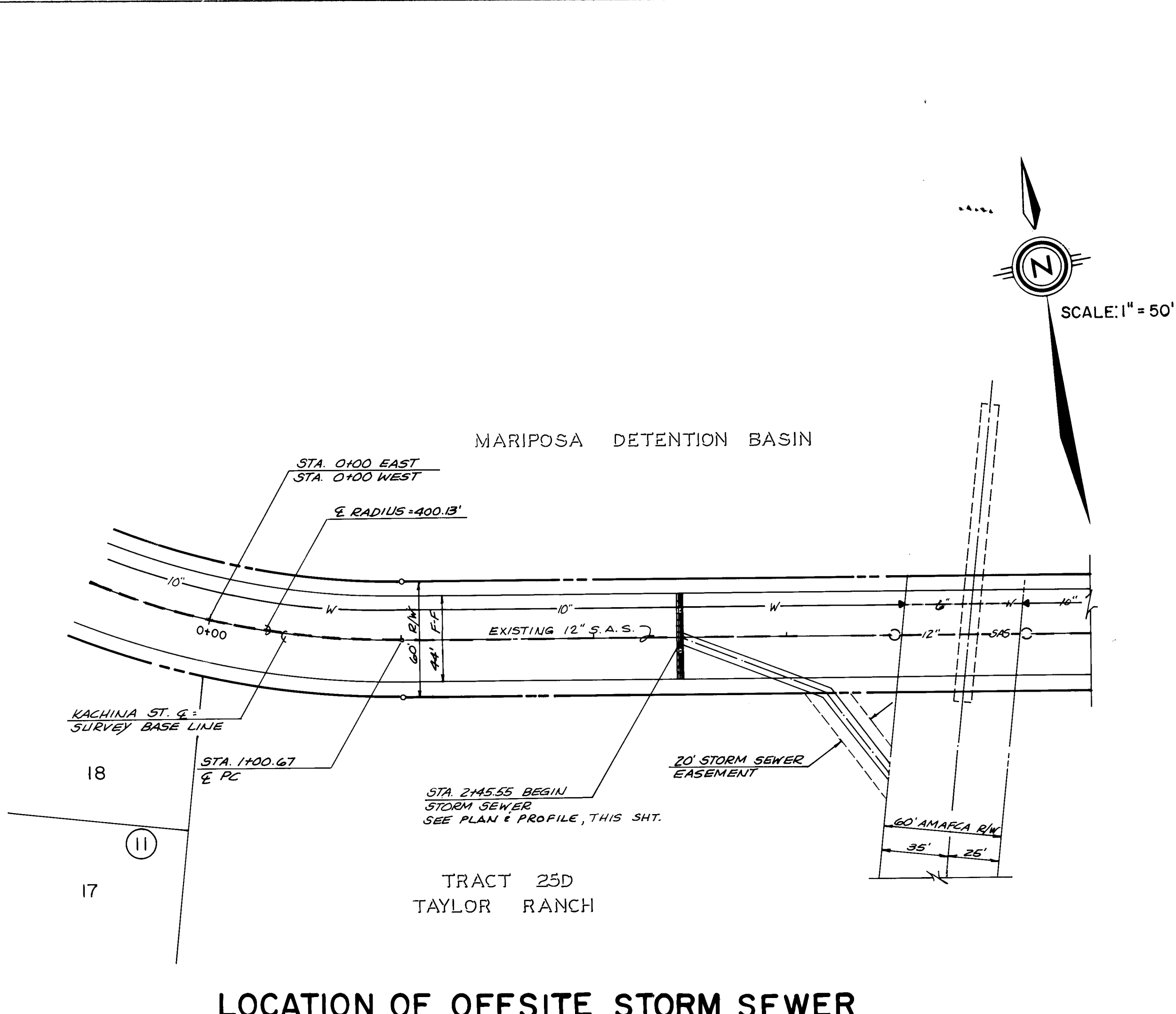
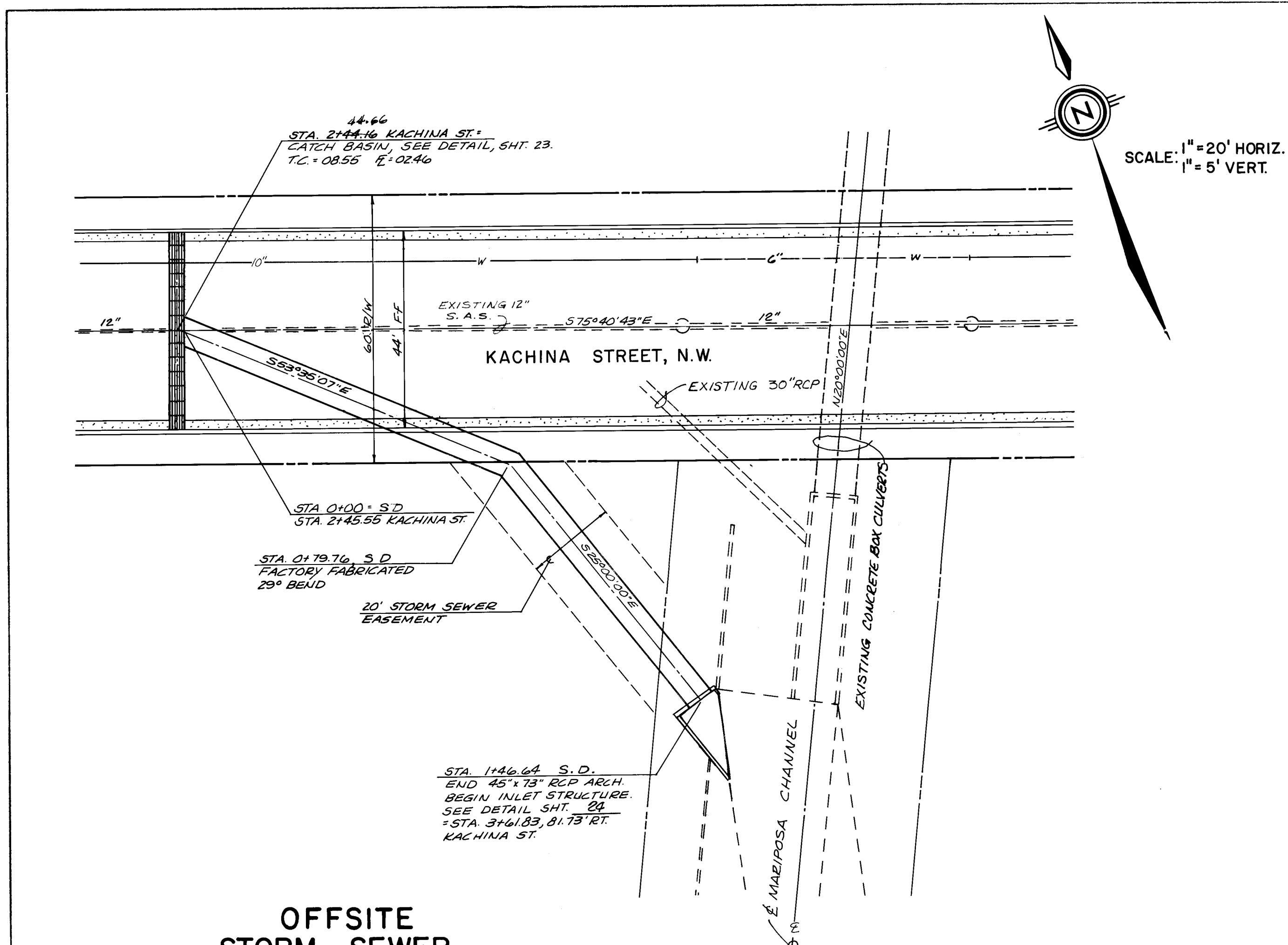
- GENERAL NOTES:**
1. CONTRACTOR TO RECOMPACT SUBGRADE TO 95% O.D.D. (MODIFIED) BEFORE POURING NEW CONCRETE.
 2. USE TYPE "C" BEDDING FOR STORM SEWER PIPE.
 3. ALL REINFORCEMENT SHALL BE GRADE 60 DEFORMED BARS.
 4. ALL CONCRETE SHALL HAVE A 3000 PSI - 28 DAY COMPRESSIVE STRENGTH WITH 6% AIR ENTRAINMENT.

RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Jim Leymon, Jr., P.E. 8113
Date 4-20-85

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		ACS BRASS CAP IN CONCRETE LOCATED WITHIN LOTIA BUTTERFIELD SUBDIVISION, 22' EAST OF THE WESTERLY RETURN OF SAN ILDEFONSO DRIVE, N.W. AND KACHINA STREET, N.W. ELEVATION 5129.29		CONTRACTOR CCM	
		NO.	BY			DATE	STANDARD BY E.H.F.A.
NO.	DATE	REMARKS	BY	ACCEPTANCE BY DATE			
REVISIONS				VERIFICATION BY E.H.F.A. DATE 6/86			
				DRAWINGS SUBMITTED BY E.H.F.A. DATE 6/86			
DESIGN				MICRO-FILM INFORMATION			
DESIGNED BY M. J. Y.	DATE 5-85	RECORDED BY DATE					
DRAWN BY C. S. S.	DATE 5-85	NO					
CHECKED BY P. M. W.	DATE 5-85						
		11/13/85					

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A STORM DRAIN DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Andres H. L.	12/3/85	Liquid Waste	NA	11-13-85
A.C.E. - Design	Andres H. L.	12/3/85	Traffic	NA	11-13-85
A.C.E. - Hydrology	Andres H. L.	12/3/85	Water	NA	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	22 OF 24



RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

10-26-86 Date

Jim Layman, Jr., P.E. 4105

226 3285 L 2.586

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A KACHINA STREET STORM DRAIN PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	11/13/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85
REVISIONS					
NO.	DATE	REMARKS	BY	DATE	DATE
		DESIGN			
		DESIGNED BY M. J. Y.		DATE 9-85	
		DRAWN BY C. S. S.		DATE 9-85	
		CHECKED BY K. M. W.		DATE 9-85	
AS BUILT INFORMATION					
BENCH MARKS					
SURVEY INFORMATION					
FIELD NOTES					
NO. BY DATE					
ACS BRASS CAP IN CONCRETE LOCATED WITHIN LOTIA BUTTERFIELD SUBDIVISION, 22' EAST OF THE WESTERLY RETURN OF SAN ILDEFONSO DRIVE, N.W. AND KACHINA STREET, N.W. ELEVATION: 5129.29					
MICRO-FILM INFORMATION					
RECORDED BY					
NO.					

For specifications covering Water and Sanitary Sewer installation refer to "CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" 1985 EDITION.

1. Installation of Water Transmission & Distribution Lines
2. Standard details for Water.

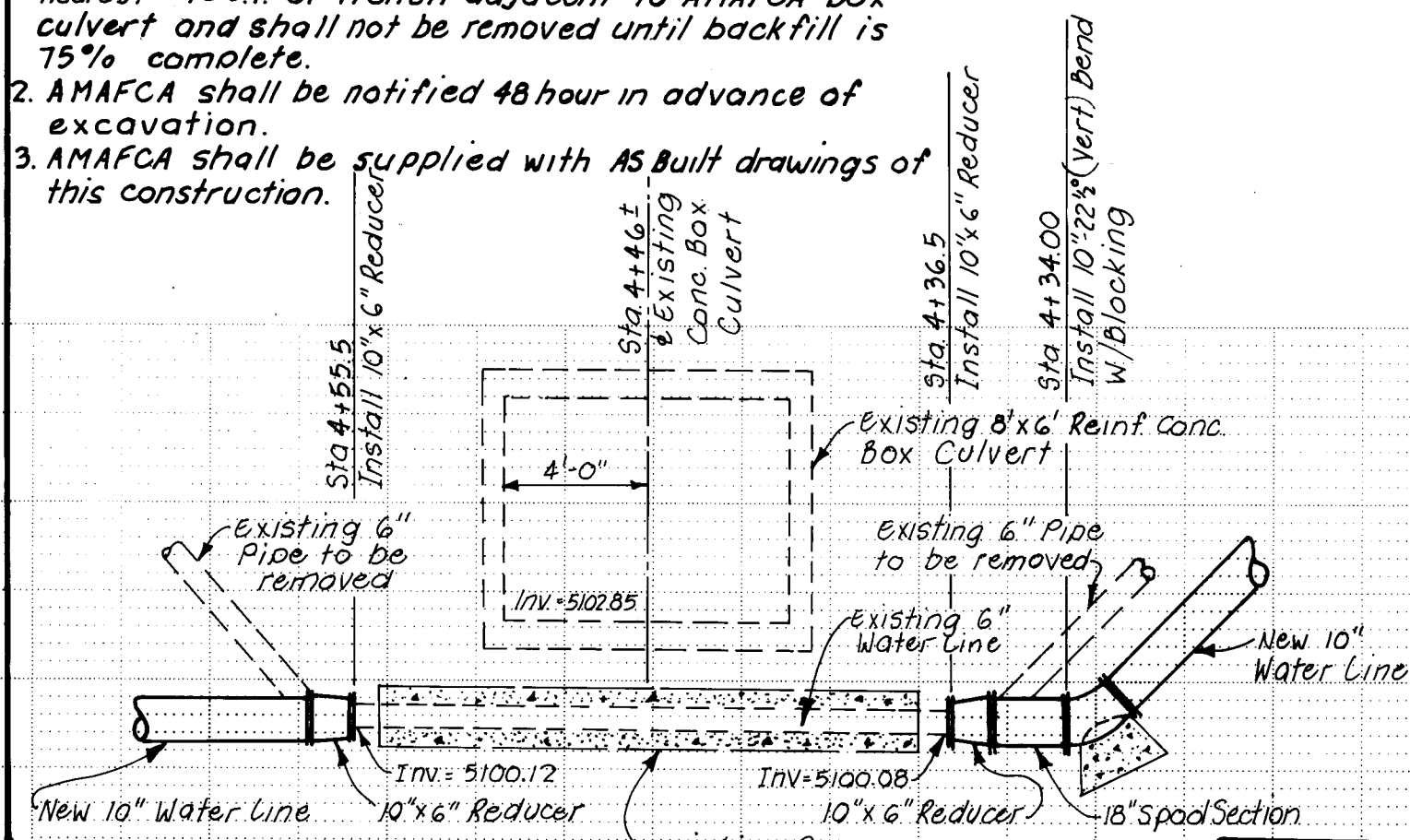
1. Installation of Sanitary Sewer Lines
2. Vitrified Clay Pipe
3. Plastic Pipe (PVC)
4. Portland Cement Concrete
5. Standard details for Sewer.

Curve Data
 $\Delta = 14^\circ 24' 54''$
 $R = 400.13'$
 $L = 100.67'$
 $T = 50.60'$
 (P.C. @ Sta. 7+37.37)



Connection to Existing Line at
8' x 6' Reinf. Conc. Box Culvert

1. Water Line Trench Shoring shall be required for the nearest 10 LF of trench adjacent to AMAFCA box culvert and shall not be removed until backfill is 75% complete.
2. AMAFCA shall be notified 48 hour in advance of excavation.
3. AMAFCA shall be supplied with AS built drawings on this construction.



Technical drawing of a trench box connection, showing a cross-section and a plan view.

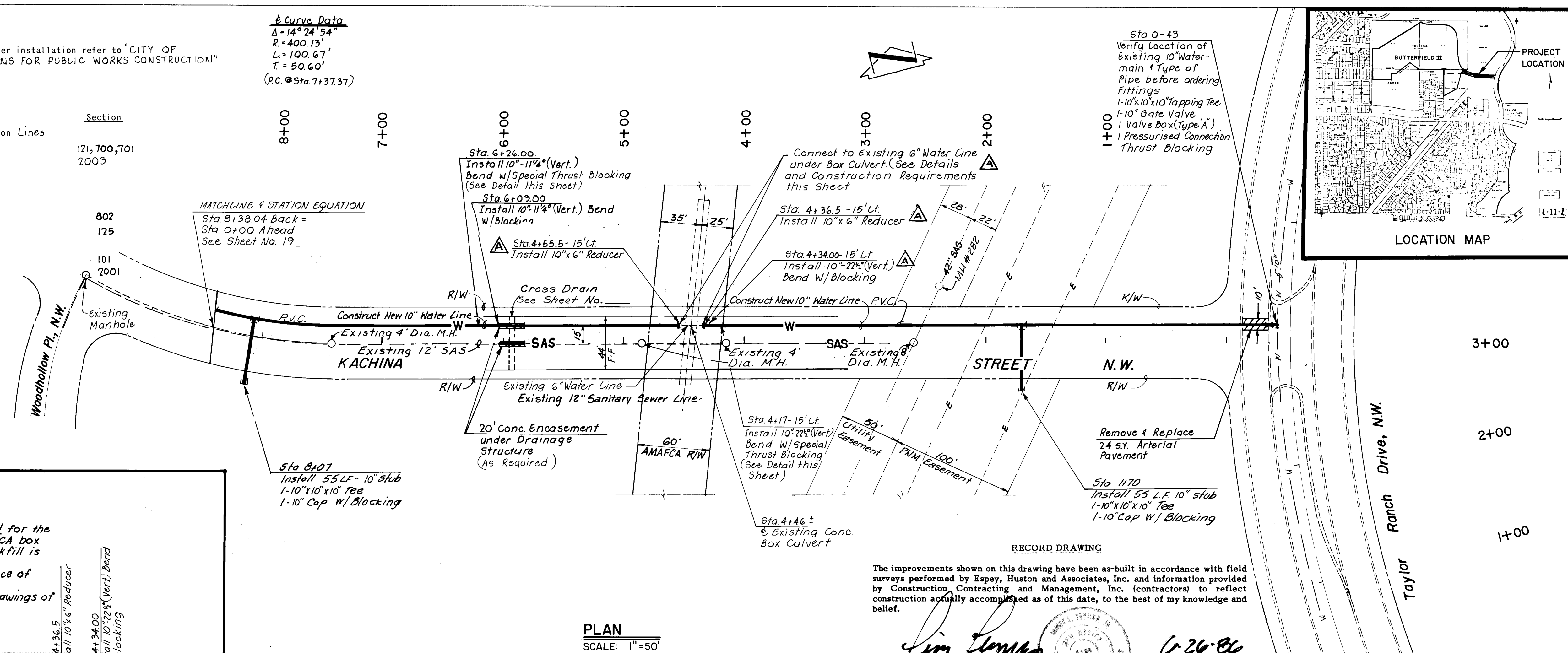
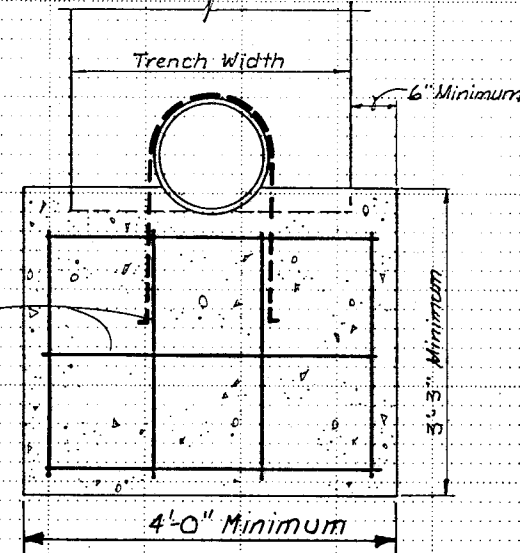
Cross-section details:

- 2'-6" Bars - Coat exposed portions w/ Coal Tar Emulsion
- Note: Cover Mechanical Joints with Plastic to prevent Concrete Spalling adhering to bolts and flanges. Do not pour concrete against Mechanical Joints
- 1/4" Bars @ 15" o.c. Each Way
- 3' 0" Min.
- 2'-0" Minimum Width as Required

Plan view details:

- Trench Width
- 6" Minimum

SECTION



The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Jim Leymon, Jr., P.E. 810

26 26512086

PREPARED
E DIRECTION

E. SCHMIDT
MEXICO
6188
PROFESSIONAL ENGINEER

Scanton & associates, inc.

APPROVED FOR
CONSTRUCTION

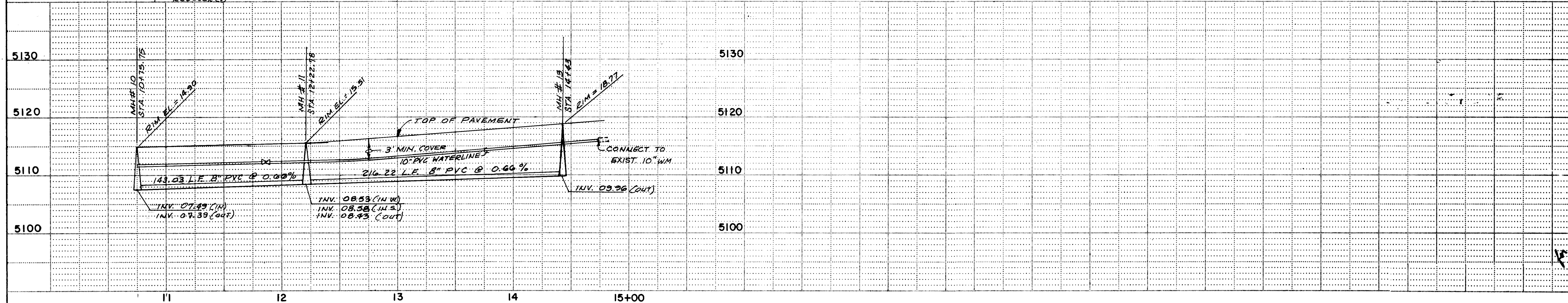
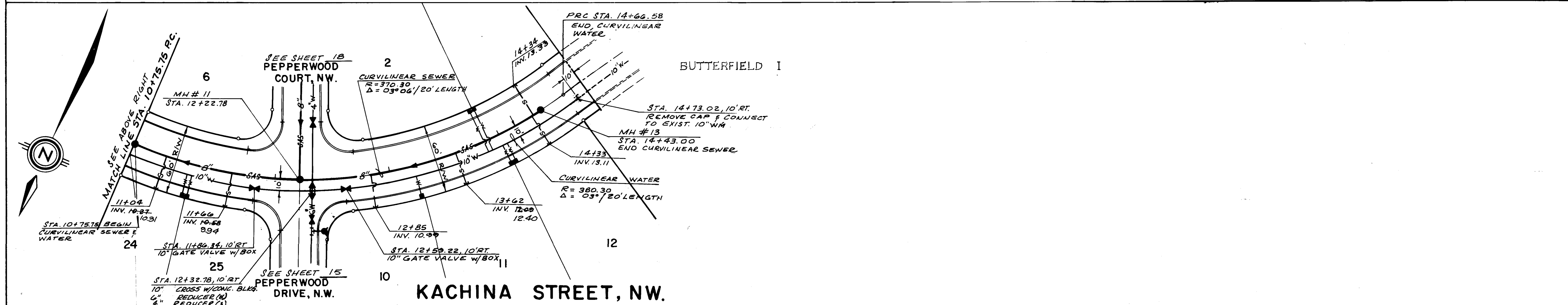
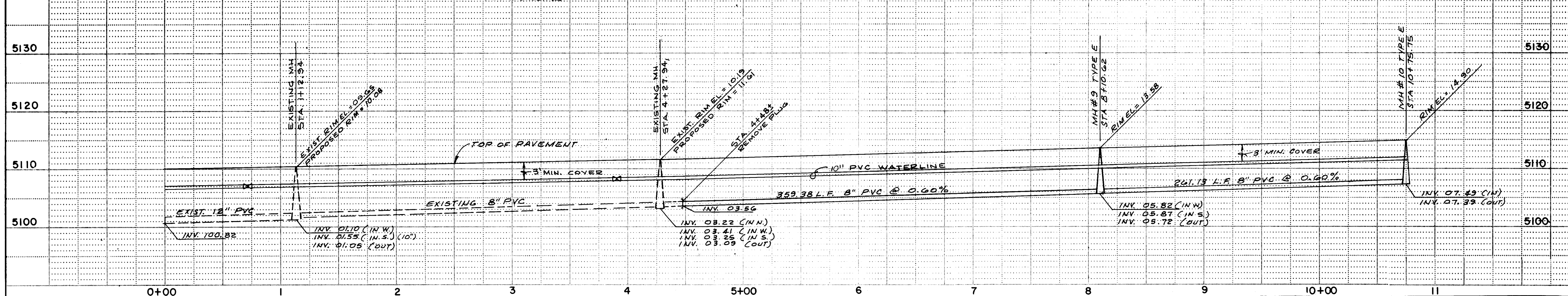
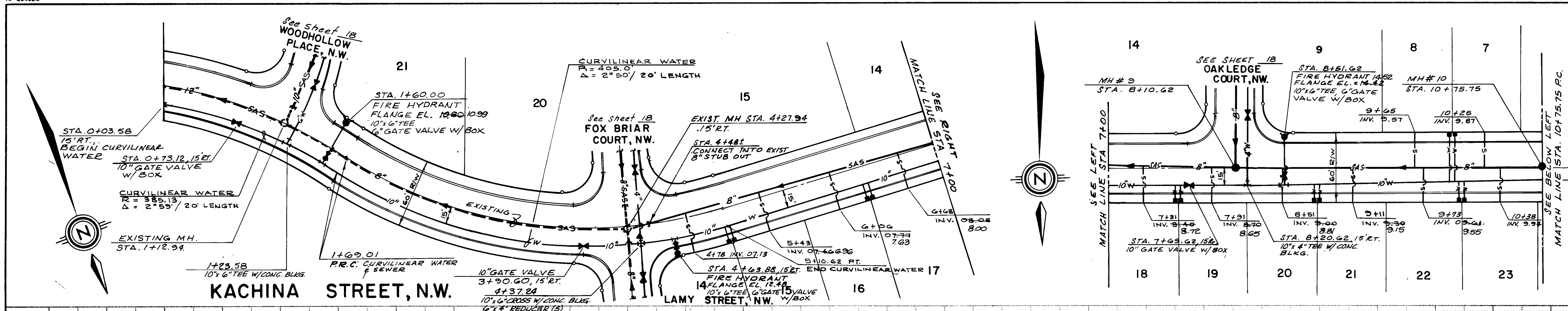
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION TITLE: KACHINA STREET IMPROVEMENTS UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE

City Eng	<i>Indra H</i>	12/3/85	Liquid Waste	<i>William G. Pelt</i>	11-13-85
MOD/DESIGN	<i>Indra H</i>	12/3/85	Traffic	<i>W.A. Pelt</i>	11-13-85
			Water	<i>William G. Pelt</i>	11-13-85

DRAWING NO.	2651	SHEET	20	OF	24
-------------	------	-------	----	----	----

Scanlon Job No 85106



RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Egey, Huston and Associates, Inc. and contractors to provide Construction Contracting and Management, Inc. (contractors) reflect construction actually accomplished as of the date of this drawing to the best of my knowledge and belief.


 Date 6-26-64
 Jim Laymon, Jr., P.E. 8105
Jim Laymon

NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

26 26511986

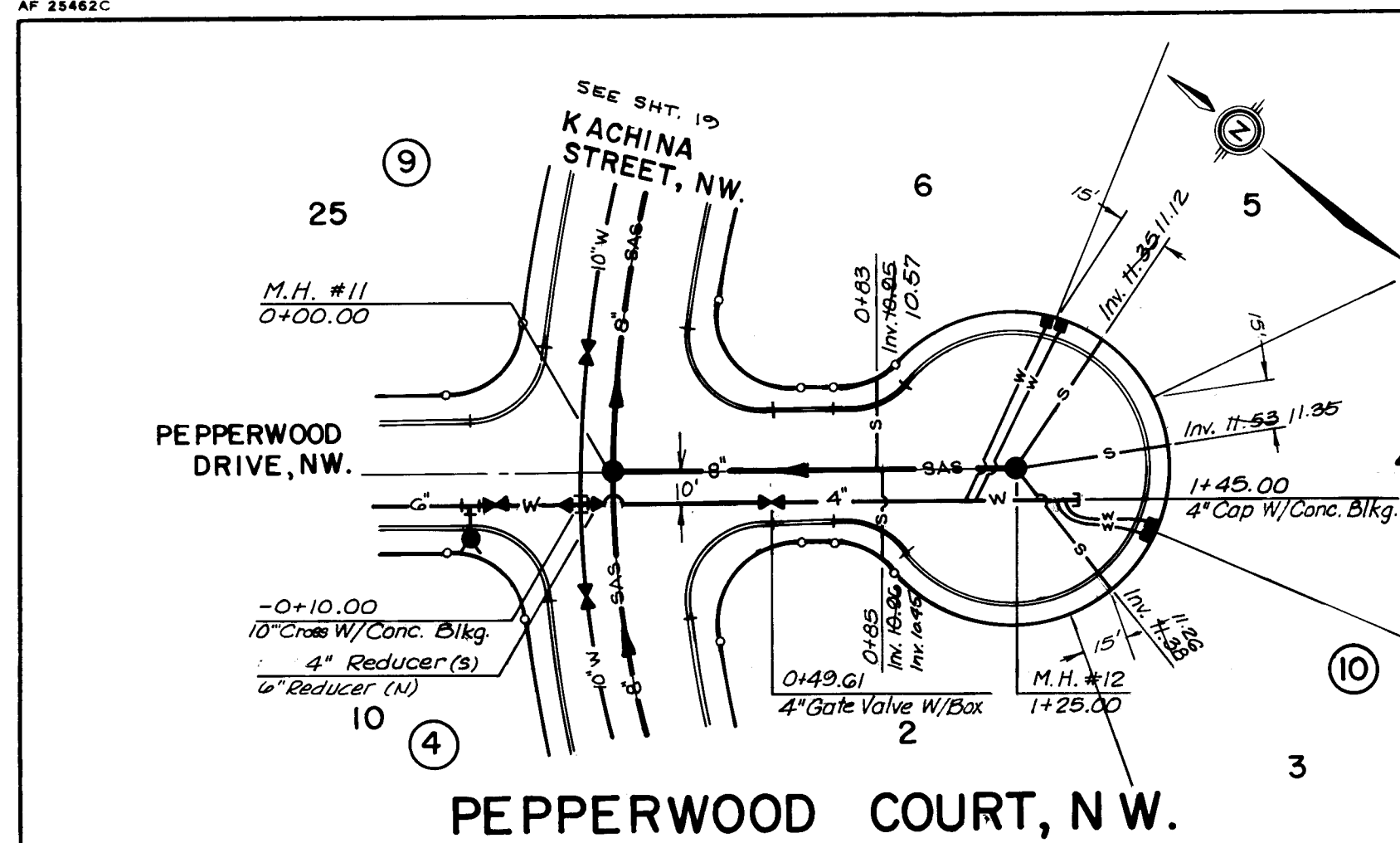
SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

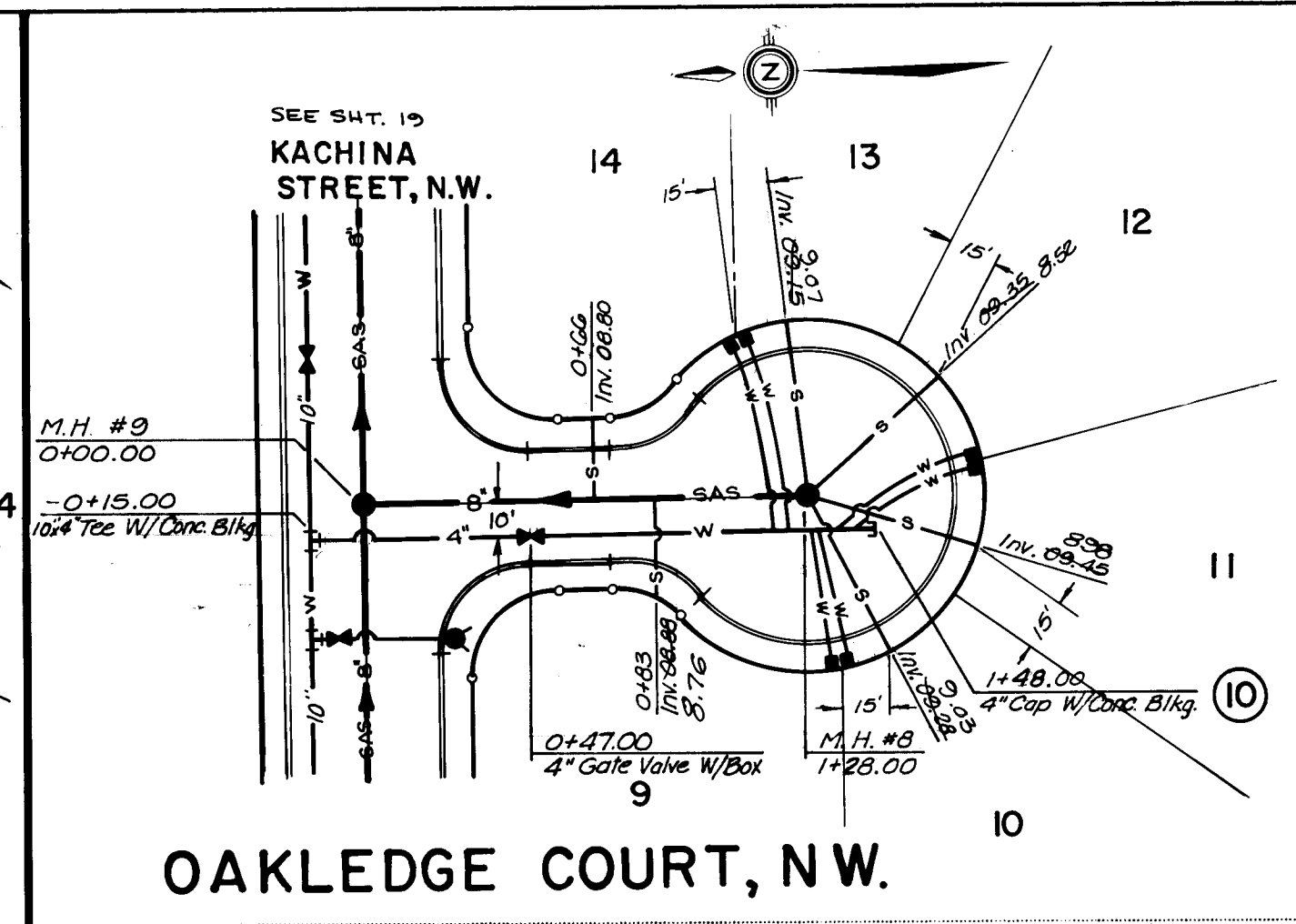
TITLE: BUTTERFIELD II - PHASE A
KACHINA STREET, NW- PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E.-Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E.-Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85

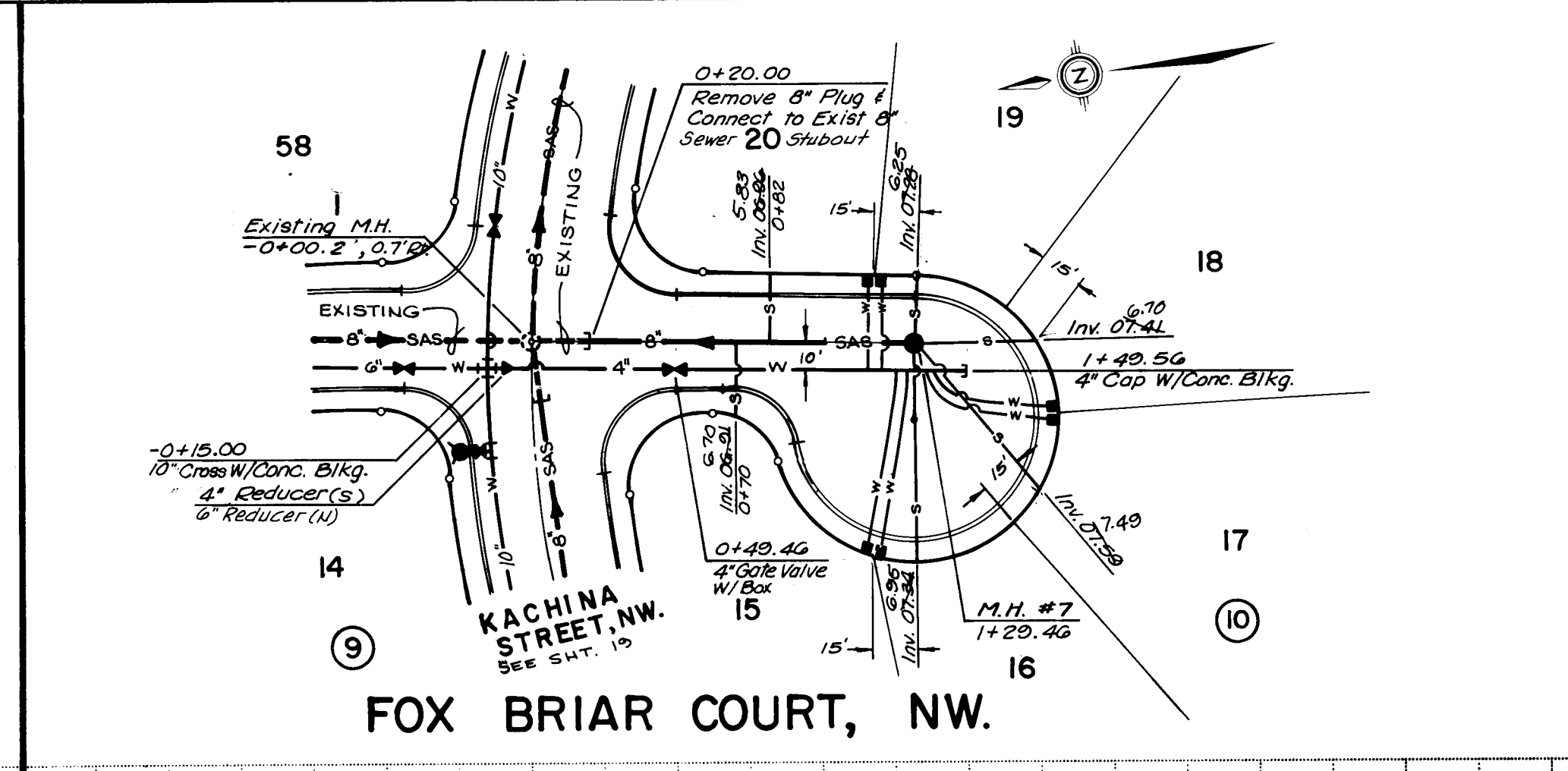
DRAWING NO.	2651	MAP NO.	E-11	SHEET	19	OF	24
-------------	------	---------	------	-------	----	----	----



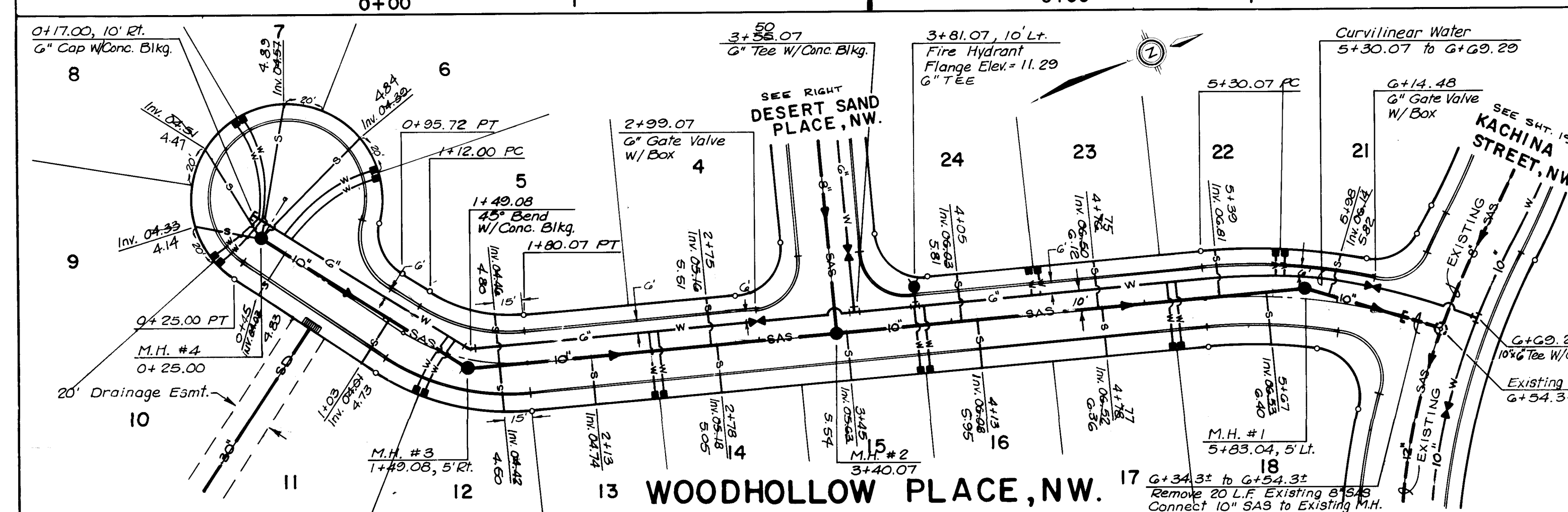
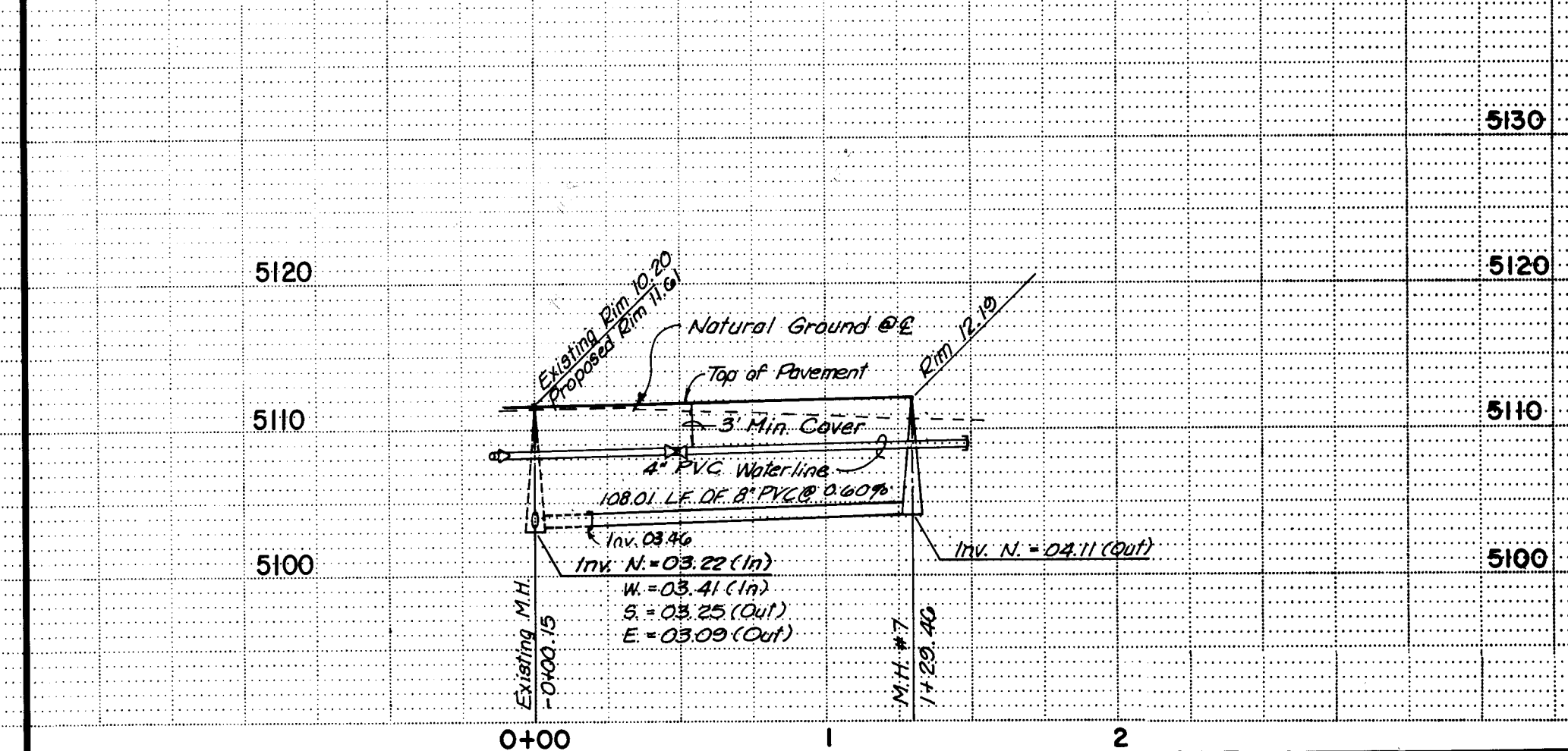
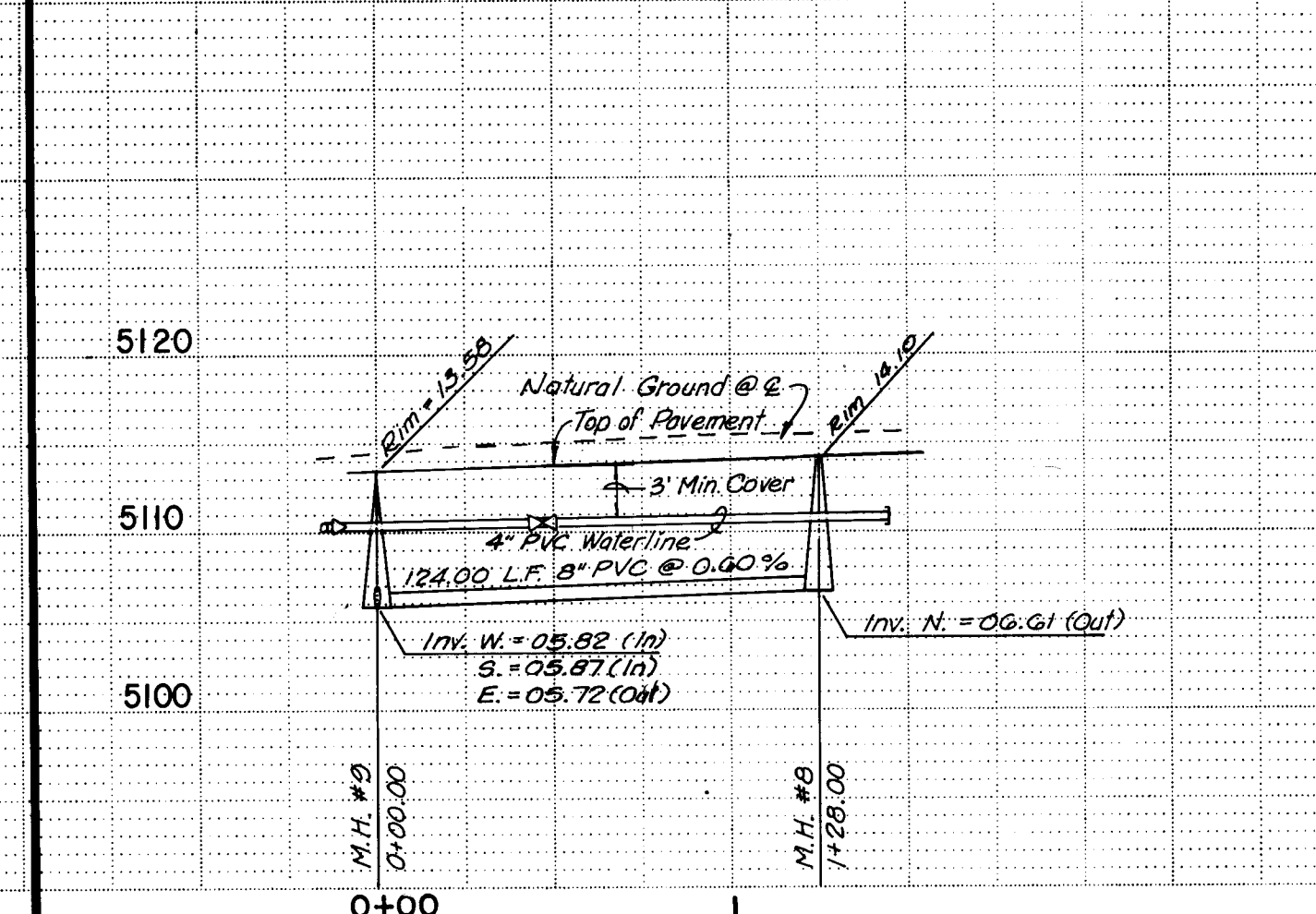
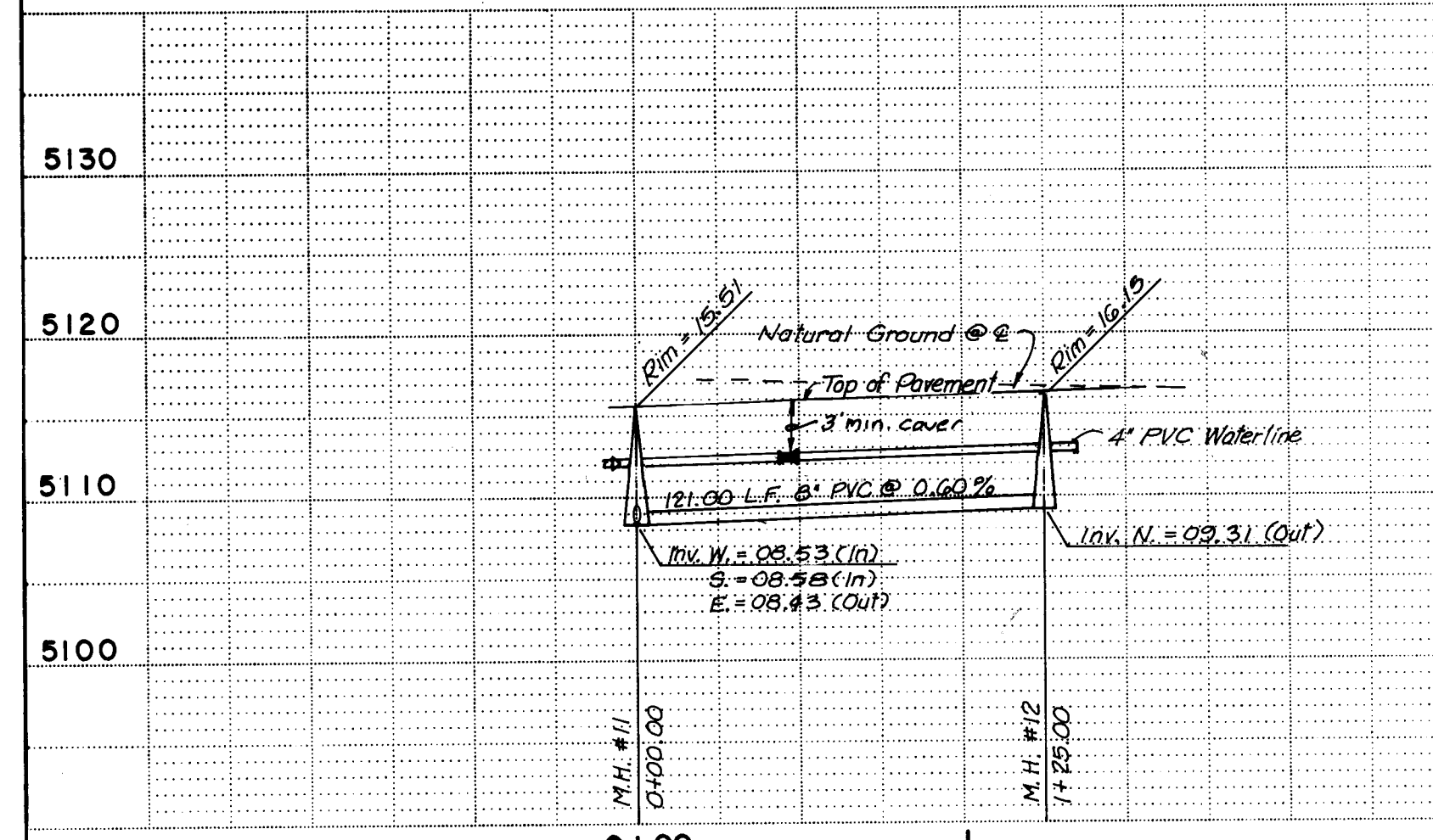
PEPPERWOOD COURT, N.W.



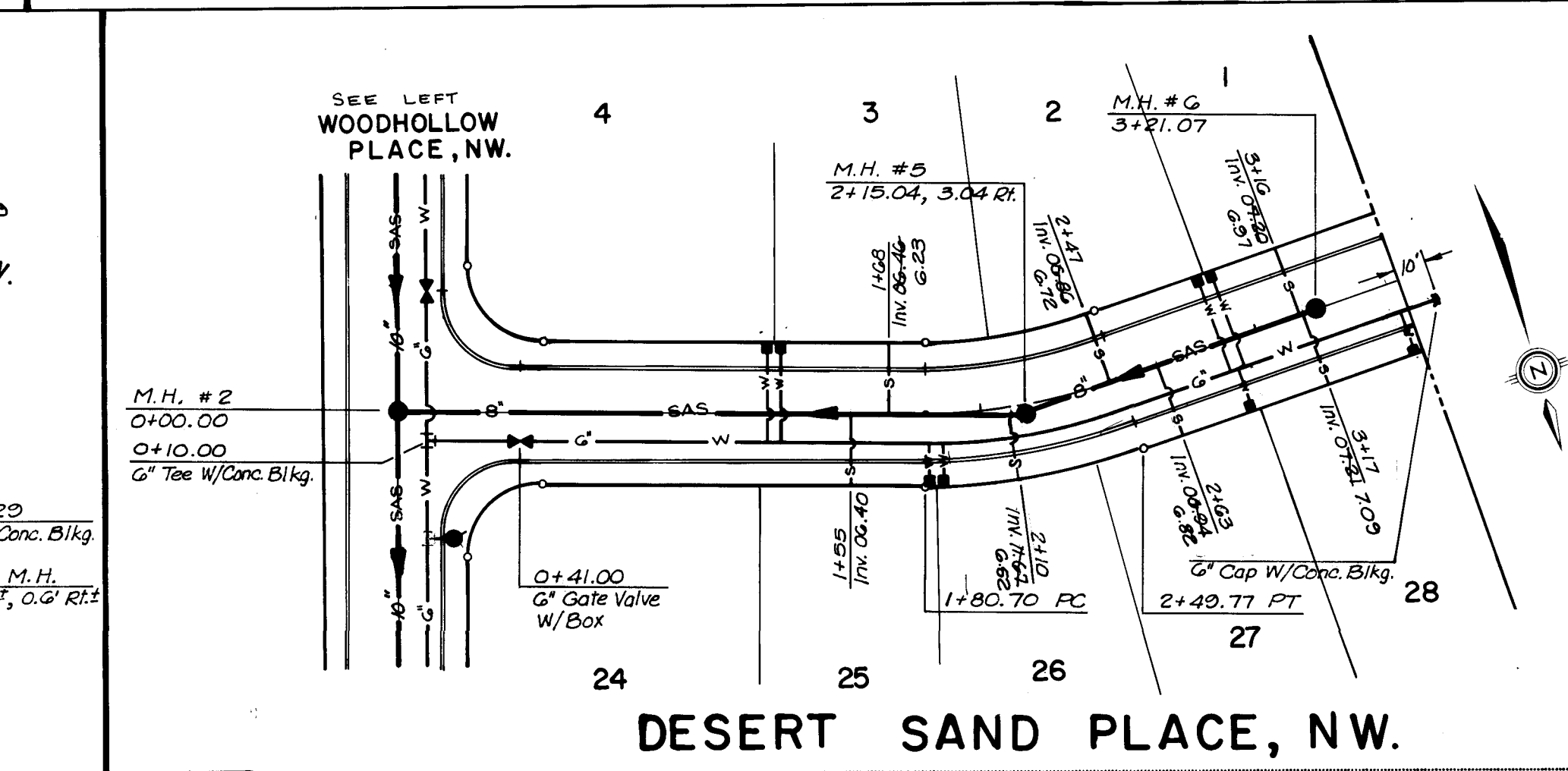
OAKLEDGE COURT, N.W.



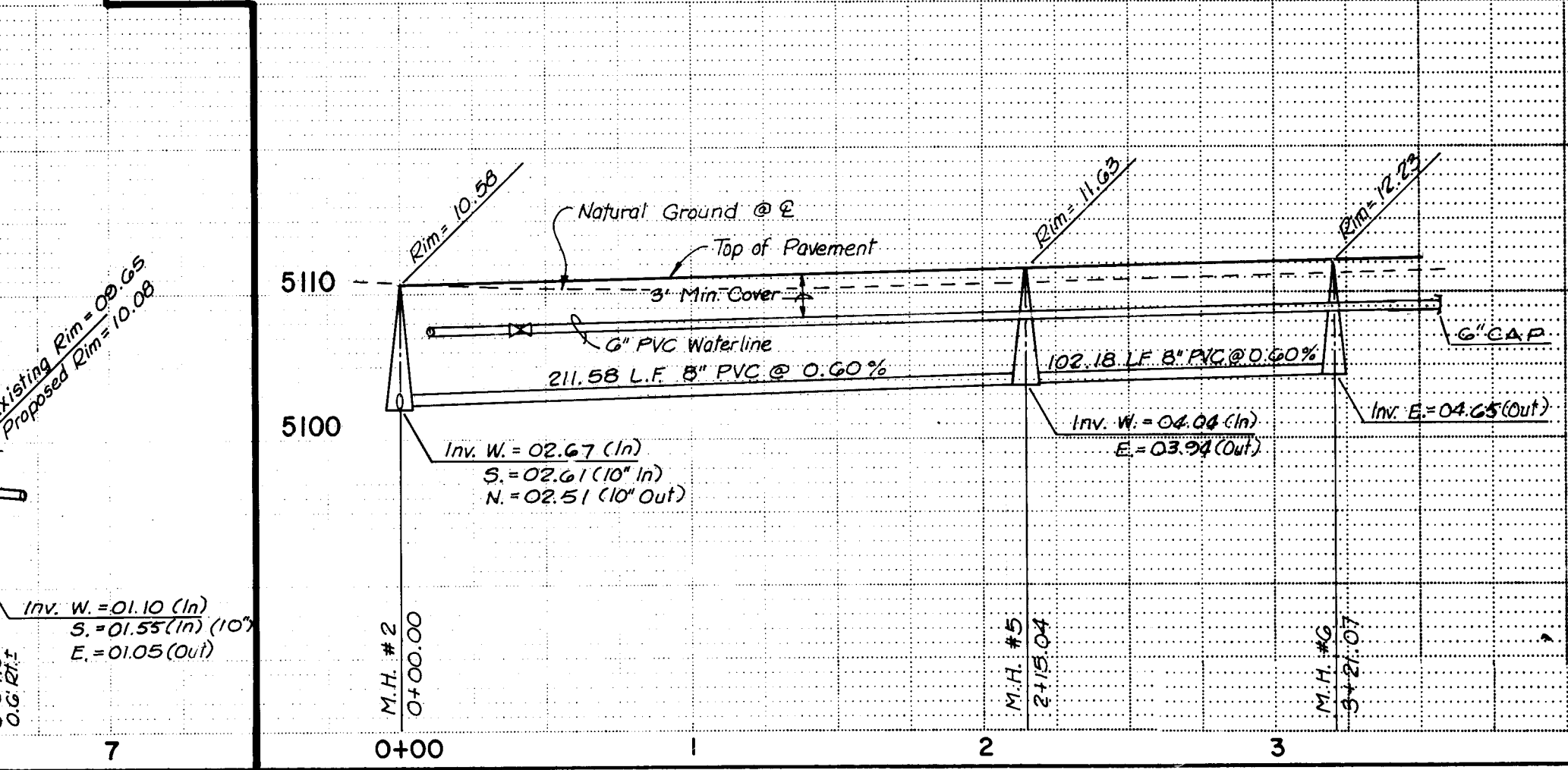
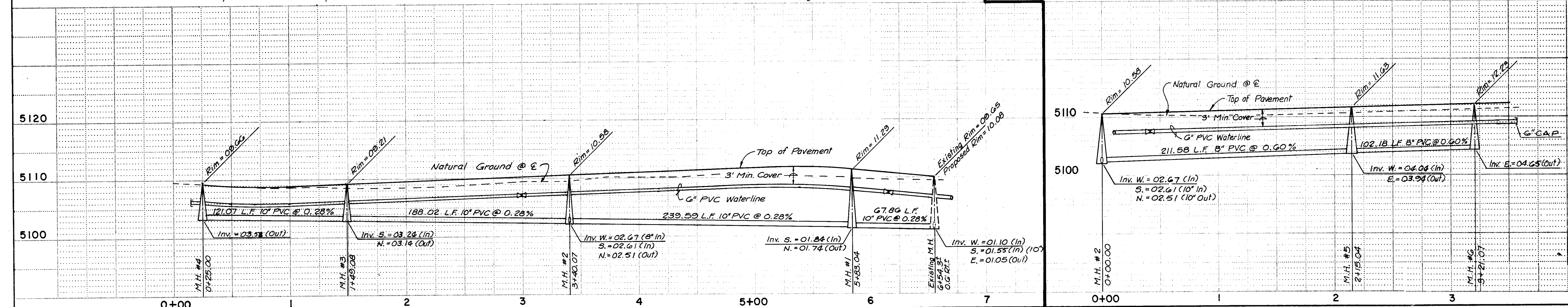
FOX BRIAR COURT, N.W.



WOODHOLLOW PLACE, N.W.



DESERT SAND PLACE, N.W.



RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field survey performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date. The best of my knowledge and belief.

Jim Johnson, Jr., P.E. 305
Date 11/13/85

NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

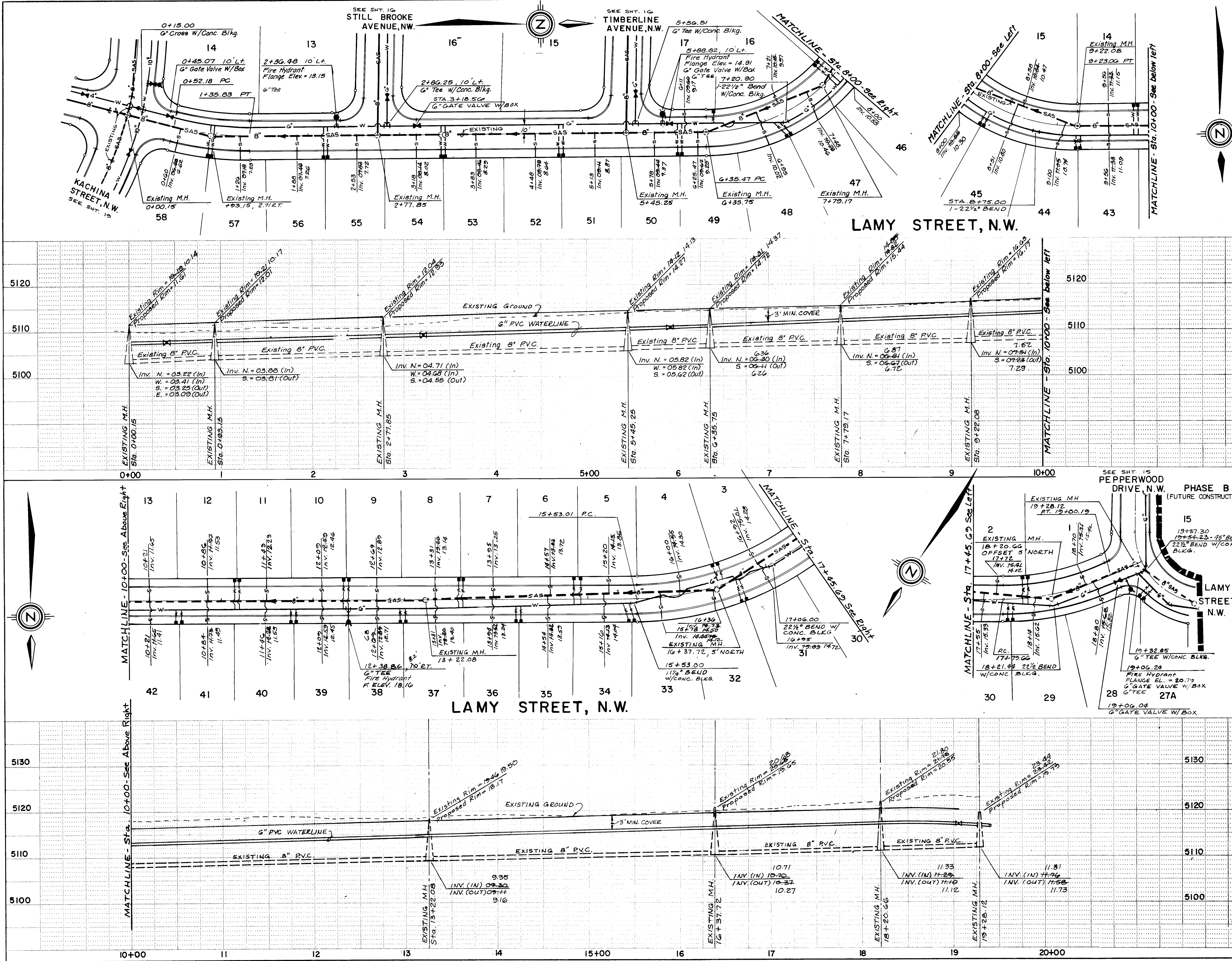
26 265 11886

SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A PEPPERWOOD CT., OAKLEDGE CT., FOX BRIAR CT., WOODHOLLOW PL. AND DESERT SAND PL. UTILITIES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	12/3/85	Liquid Waste	12/3/85	11-13-85	
A.C.E. Design	12/3/85	Traffic	12/3/85	11-13-85	
A.C.E. Hydrology	12/3/85	Water	12/3/85	11-13-85	
DRAWING NO. 2651		MAP NO. E-11		SHEET 18 OF 24	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	CCM	ACS BRASS CAP IN CONCRETE LOCATED WITHIN	DATE	NO.	BY
WORKED BY	ELL&A	LOTIA BUTTERFIELD SUBDIVISION, 22' EAST	DATE		
INSPECTED BY		OF THE WESTERLY RETURN OF SAN ILDEFONSO	DATE		
ACCEPTED BY		DRIVE, N.W. AND KACHINA STREET, N.W.	DATE		
VERIFICATION BY	ELL&A	ELEVATION 5129.29	DATE		
CORRECTED BY	ELL&A		DATE		
DATE	11/13/85				

ENGINEER'S SEAL	REVISIONS
	DESIGN
	DATE 8-85
	DRAWN BY M.K.S.
	CHECKED BY K.M.W.
	DATE 8-85



RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractor) to reflect construction actually accomplished as of this date. The best of my knowledge and belief.

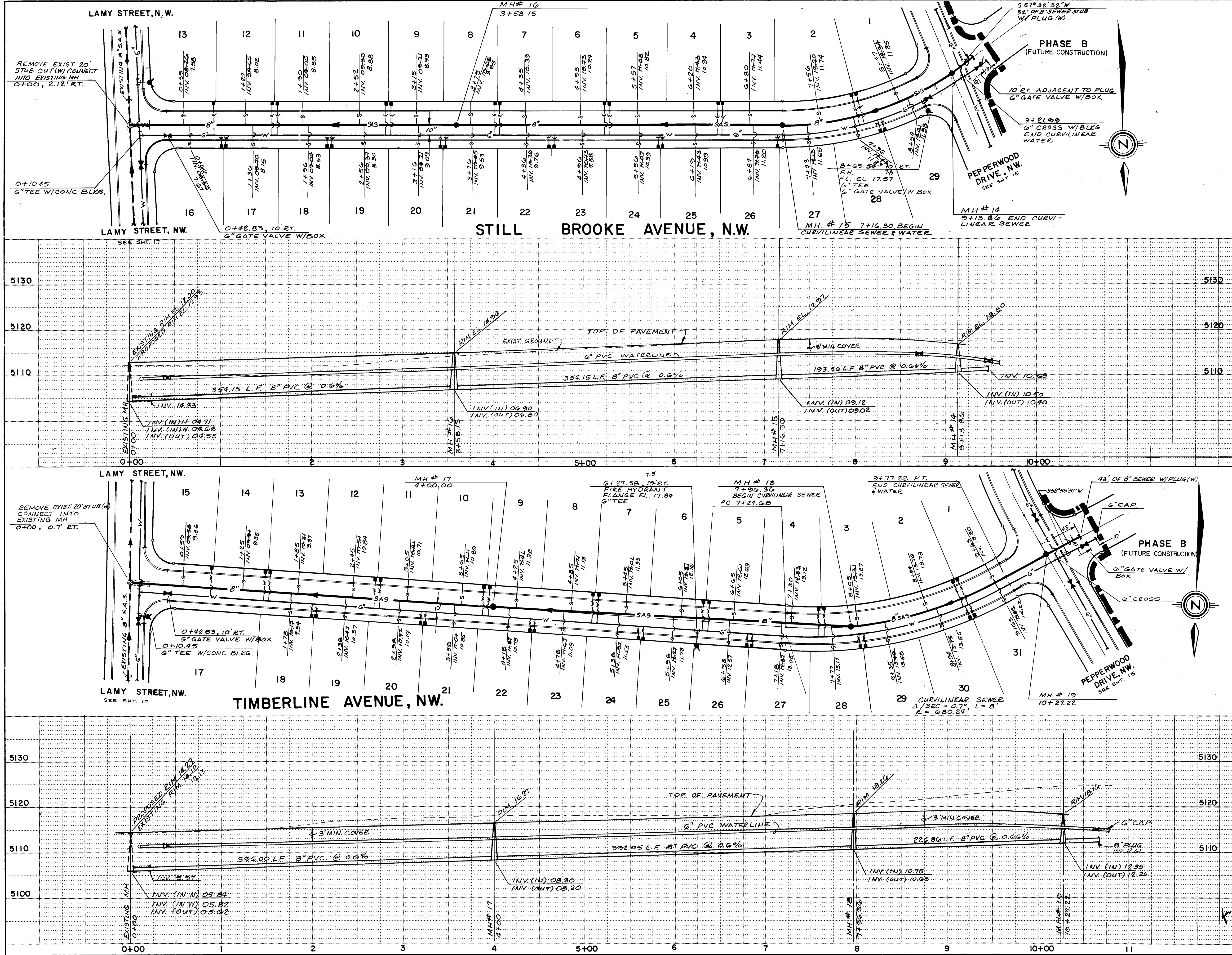
Jim Huston, Jr., P.E. 11/13/85

NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A LAMY STREET - PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	William G. Baker	12/31/85	Liquid Waste	William G. Baker	11-13-85
A.C.E. - Design	William G. Baker	12/3/85	Traffic	William G. Baker	11-13-85
A.C.E. - Hydrology	William G. Baker	12/3/85	Water	William G. Baker	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	17 OF 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
CONTRACTOR	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
INSPECTOR	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
ACCEPTANCE BY	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
VERIFICATION BY	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
DRAWING BY	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
RECORDED BY	CCM	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE



RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Epsy, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of the date, to the best of my knowledge and belief.

Jim Layman, Jr., P.E. 8165

DATE 11/13/85

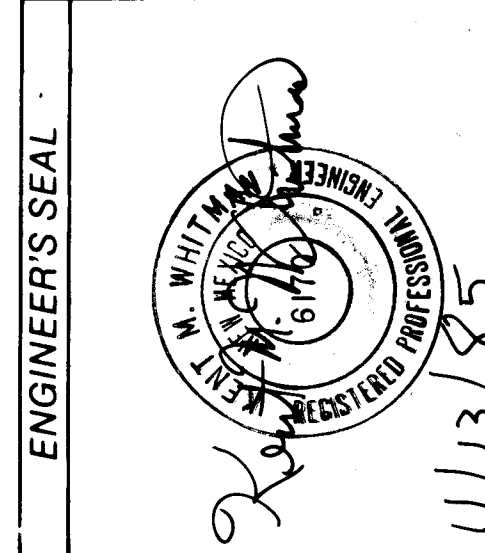
NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

26 2651.1686

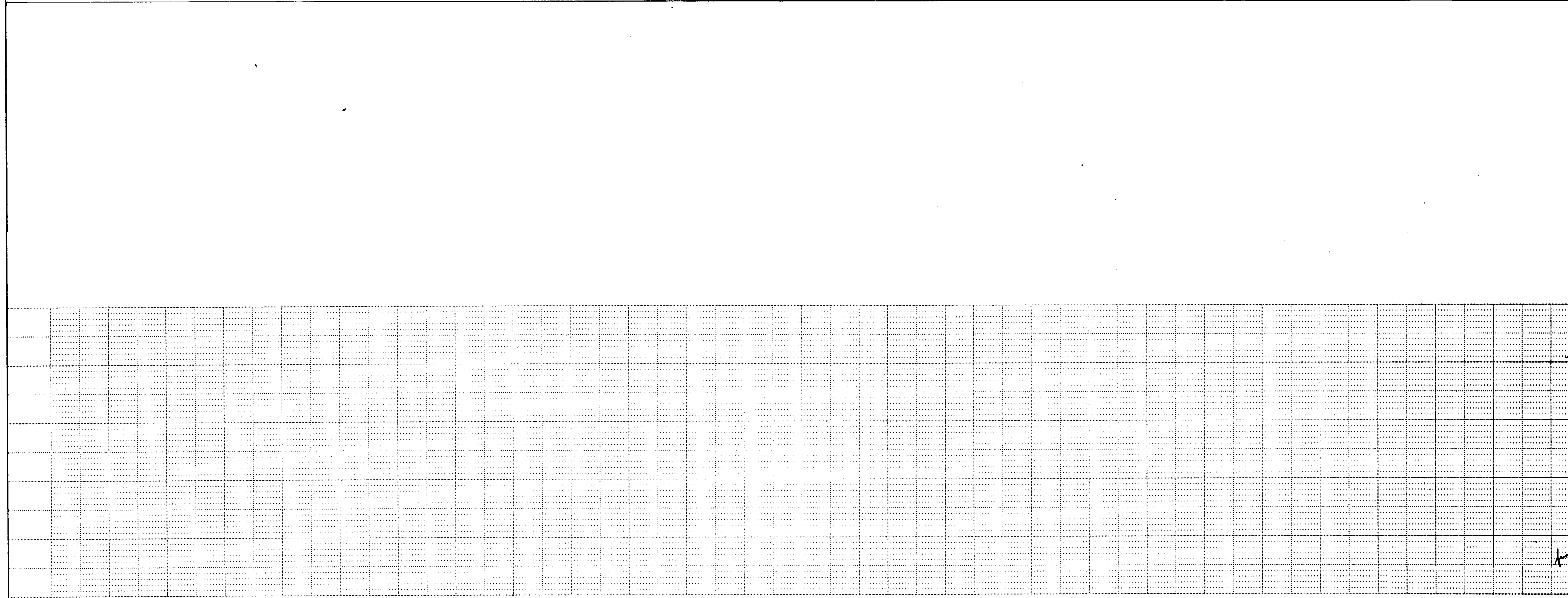
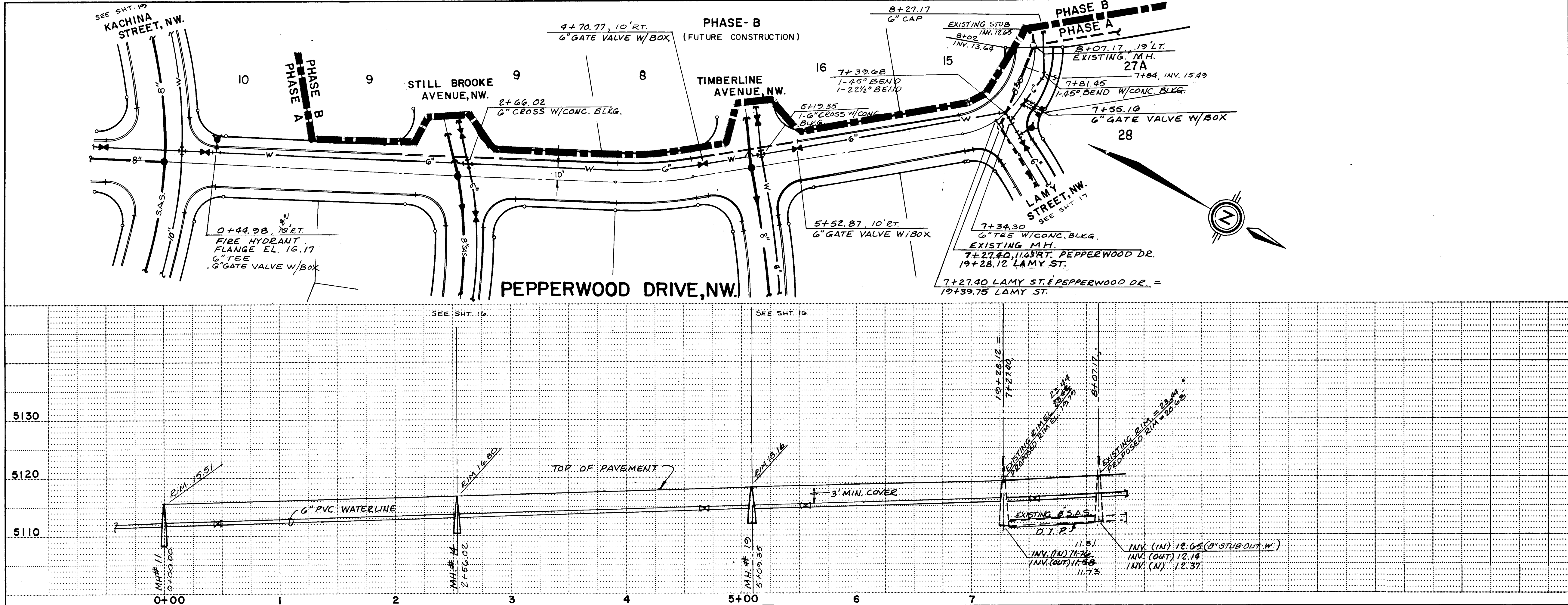
SCALE:
1" = 50' HOR
1" = 10' VER

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: BUTTERFIELD II - PHASE A STILL BROOKE AVE., TIMBERLINE AVE. UTILITIES			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	12/31/85	Liquid Waste	11/12/85
A.C.E.-Design	12/3/85	Traffic	11/13/85
A.C.E.-Hydrology	12/3/85	Water	11/13/85
DRAWING NO.	2651	MAP NO.	E-11
SHEET	16	OF	24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	CCM	ACS BRASS CAP IN CONCRETE LOCATED WITHIN	DATE	NO.	BY
WORK BY	ELI A	LOTIA BUTTERFIELD SUBDIVISION, 22' EAST	DATE		
INSPECTION	ELI A	OF THE WESTERLY RETURN OF SAN ILDEFONSO			
DATE	11/13/85	DRIVE, N.W. AND KACHINA STREET, N.W.			
DATE	11/13/85	ELEVATION 5129.29			
DATE	11/13/85				
DATE	11/13/85				



REVISIONS	
NO.	DATE
1	11/13/85
2	11/13/85
3	11/13/85
4	11/13/85
5	11/13/85
6	11/13/85
7	11/13/85
8	11/13/85
9	11/13/85
10	11/13/85
11	11/13/85
12	11/13/85
13	11/13/85
14	11/13/85
15	11/13/85
16	11/13/85
17	11/13/85
18	11/13/85
19	11/13/85
20	11/13/85
21	11/13/85
22	11/13/85
23	11/13/85
24	11/13/85
25	11/13/85
26	11/13/85
27	11/13/85
28	11/13/85
29	11/13/85
30	11/13/85
31	11/13/85



NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

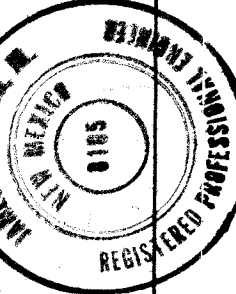
SCALE:
1" = 50' HOR.
1" = 10' VER.

26 2651 1586

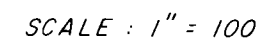
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD 11 - PHASE A PEPPERWOOD DR., NW - UTILITIES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-12-85
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-12-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	15 OF 24

RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Esper, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date. I hereby certify that the best of my knowledge and belief.

[Signature]
Jim Layman, Jr., P.E. 8105
Date 11-26-85



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	CCM	ACS BRASS CAP IN CONCRETE LOCATED WITHIN	LOTIA BUTTERFIELD SUBDIVISION, 22' EAST	FIELD NOTES	DATE
WORKED BY	EH&A	OF THE WESTERLY RETURN OF SAN ILDEFONSO	DRIVE, N.W. AND KACHINA STREET, N.W.	NO.	BY
INSPECTOR'S	DATE	ELEVATION 5129.29			
ACCEPTANCE BY	DATE				
VERIFICATION BY	DATE				
DATE					
MICRO-FILM INFORMATION		ENGINEER'S SEAL		REVISIONS	
DATE			NO.	DATE	REMARKS
DESIGNED BY	A.S.		DATE	9-85	
DRAWN BY	M.J.W.		DATE	9-85	
CHECKED BY	K.M.W.		DATE	9-85	



- GENERAL NOTES - ALL UTILITY SHEETS

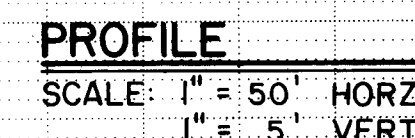
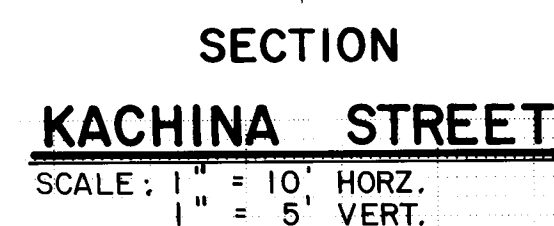
- | ENGINEER'S SEAL | SURVEY INFORMATION | | BENCH MARKS | | AS BUILT INFORMATION | |
|---|--------------------|----|-------------|--|-------------------------------|------|
| | FIELD NOTES | | | | CONTRACTOR | |
| | NO. | BY | DATE | | WORK
STARTED BY | DATE |
|  | | | | ACS BRASS CAP IN CONCRETE LOCATED WITHIN | | |
| | | | | LOTIA BUTTERFIELD SUBDIVISION, 22' EAST | | |
| | | | | OF THE WESTERLY RETURN OF SAN ILDEFONSO | | |
| | | | | DRIVE, N.W. AND KACHIMA STREET, N.W. | | |
| | | | | ELEVATION 5129.29 | | |
| | | | | | FIELD
ACCEPTANCE BY | DATE |
| | | | | | REVISIONS BY | DATE |
| | | | | | CORRECTED BY | DATE |
| | | | | | MICRO-FILM INFORMATION | |
| | | | | | RECORDED BY | DATE |
| | | | | | NO | |

26	26511486
----	----------

DRAWING NO.	2651	MAP NO.	E-11	SHEET	14	OF	24
-------------	------	---------	------	-------	----	----	----

NOTE: ON ALL EXISTING MANHOLES CONTRACTOR SHALL REMOVE FRAME COVER AND CONE AS REQUIRED AND RESET TO THE GRADES SPECIFIED IN THE PLANS.

PROFILE NOTE BOOK NO. _____	SURVEYED _____	BY _____ DATE _____
	PLOTTED _____	
	GRADES CHECKED _____	
	B. M.'s NOTED _____	
	STRUCTURE NOTATIONS GIVEN _____	



PLANS PREPARED
UNDER THE DIRECTION OF

JOHN C. PETERSON
Professional Engineer
State of New Mexico
License No. 11111

12/20/84

12/20/84

JOHN C. PETERSON
Professional Engineer
State of New Mexico
License No. 11111

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: KACHINA STREET IMPROVEMENTS:
PAVING & STORM SEWER
PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E.-Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E.-Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85

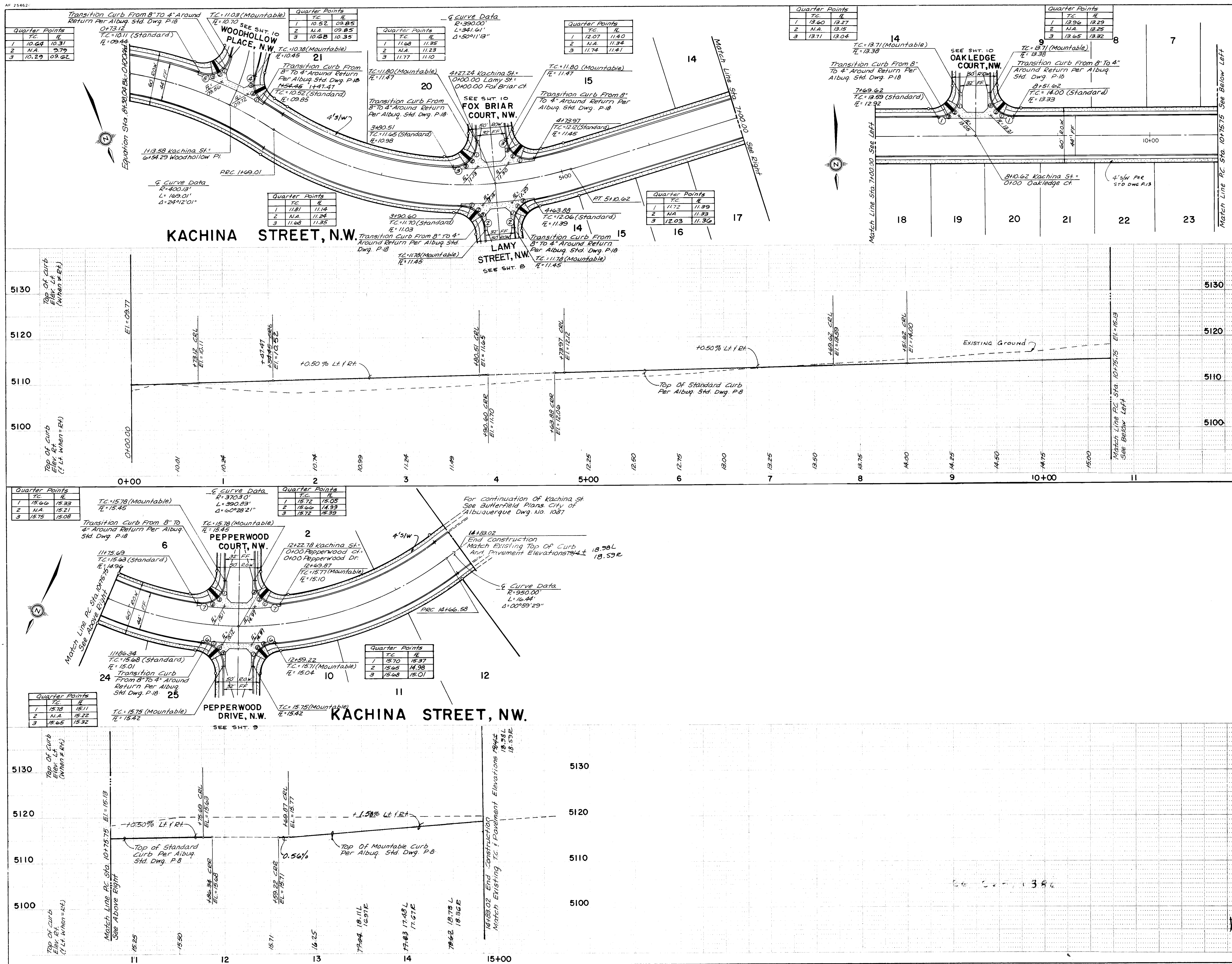
APPROVED FOR
CONSTRUCTION

CITY ENGINEER	DATE

DRAWING NO. 2651

SHEET 13 OF 24

Scanlon Job No 85106



No.	Radius	Length	Delta
①	25.00'	39.27'	90°00'00"
②	25.00'	36.92'	84°36'59"
③	25.00'	48.27'	96°51'55"
④	25.00'	33.66'	77°08'07"
⑤	25.00'	41.36'	92°46'46"
⑥	25.00'	36.81'	84°21'42"
⑦	25.00'	42.25'	97°17'09"

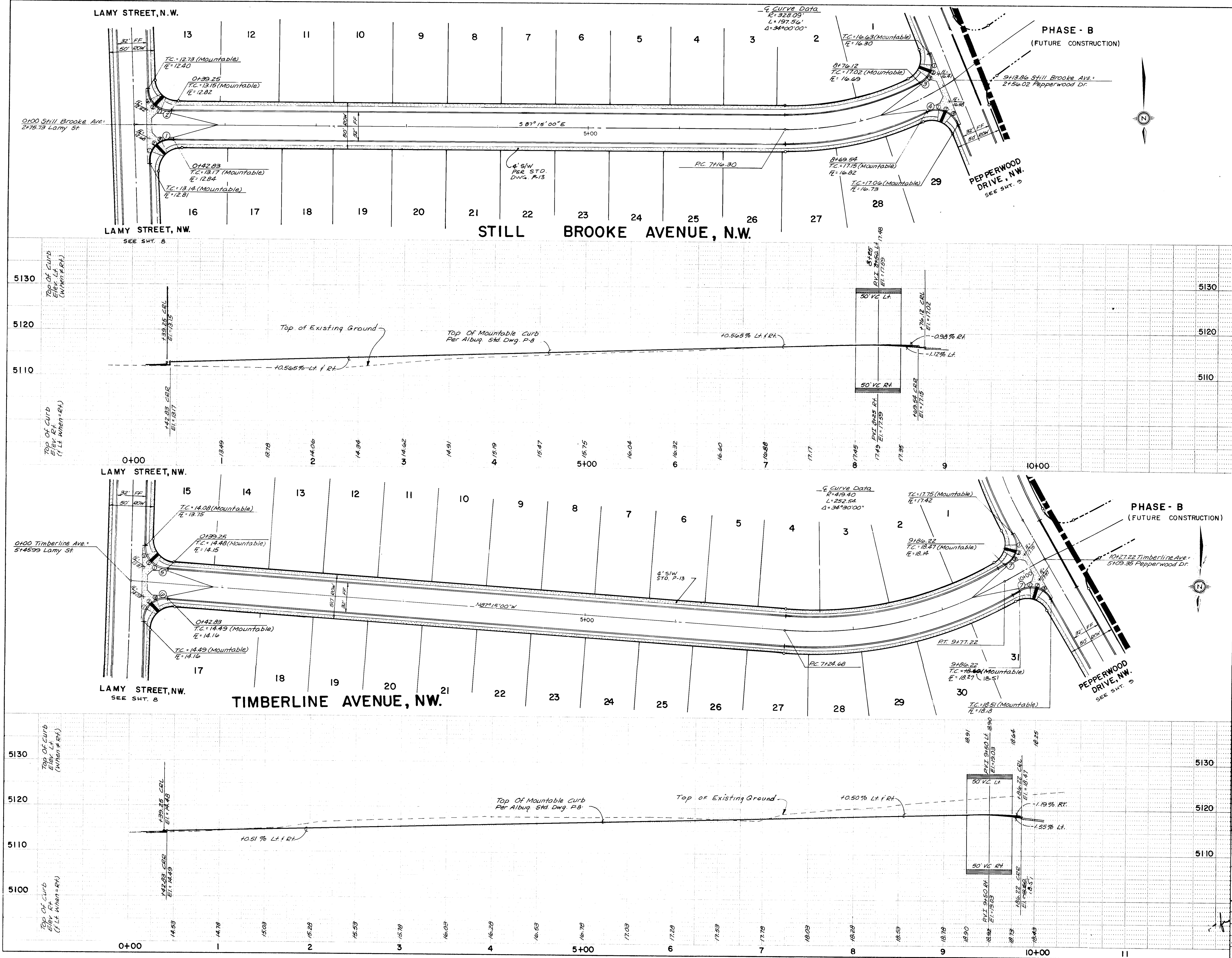
RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect the actual construction as finally accomplished as of this date, to the best of my knowledge and belief.

J. S. K. 11/17/04

Jim Keymon, Jr., P.E. 8103

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		ACS BRASS CAP IN CONCRETE LOCATED WITHIN LOT1A BUTTERFIELD SUBDIVISION, 22' EAST OF THE WESTERLY RETURN OF SAN ILDEFONSO DRIVE, N.W. AND KACHINA STREET, N.W. ELEVATION 5129.29		CONTRACT NO. <i>CCM</i>	
		NO.	BY			DATE	DATE
NO.	DATE	REMARKS	BY				
REVISIONS							
DESIGN							
DESIGNED BY		A.S.	DATE	9-85			
DRAWN BY		C.S.S.	DATE	9-85			
CHECKED BY		R.M.W.	DATE	9-85			
				RECORDED BY			
				DATE			
				NO.			
				MICRO-FILM INFORMATION			
				CORRECTED BY			
				DATE			



Curb Curve Data			
No.	Radius	Length	Delta
1	25.00'	40.36'	92°30'11"
2	25.00'	38.18'	87°29'49"
3	25.00'	41.02'	94°00'38"
4	25.00'	37.02'	84°50'29"
5	25.00'	38.18'	87°29'49"
6	25.00'	40.36'	92°30'11"
7	25.00'	39.27'	90°00'00"

RECORD DRAWING

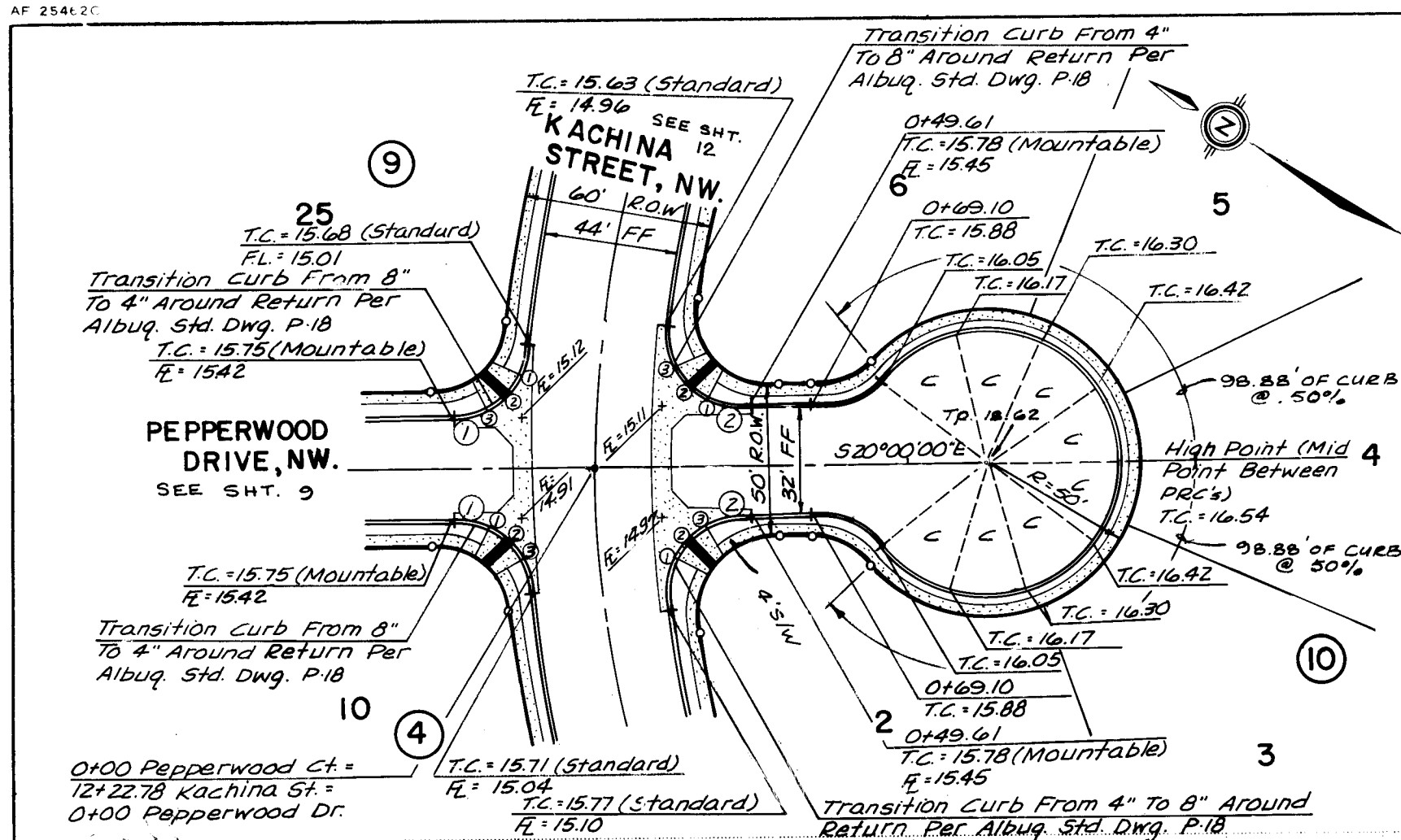
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Hutton and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (Contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

1/20/86
Date

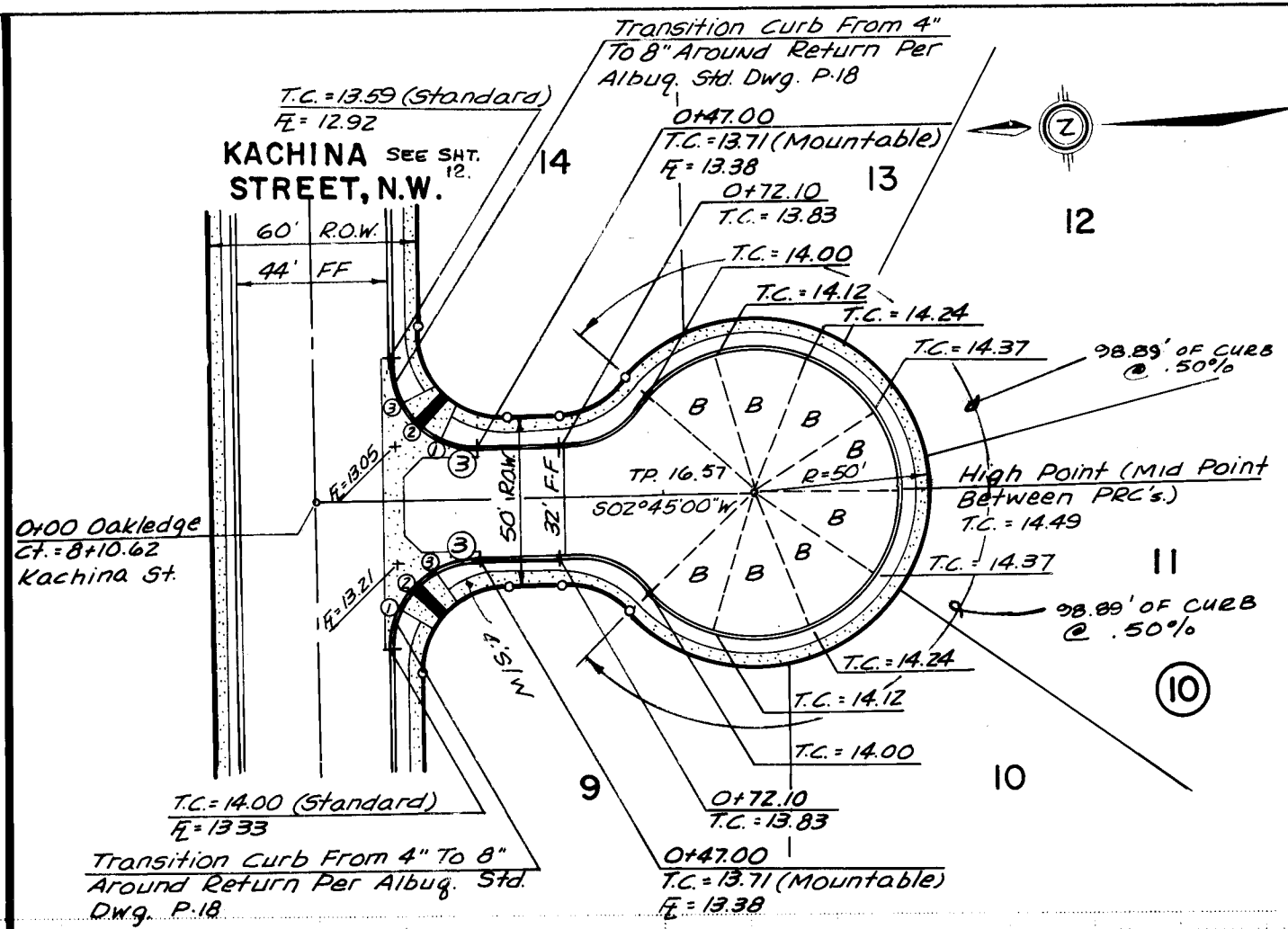
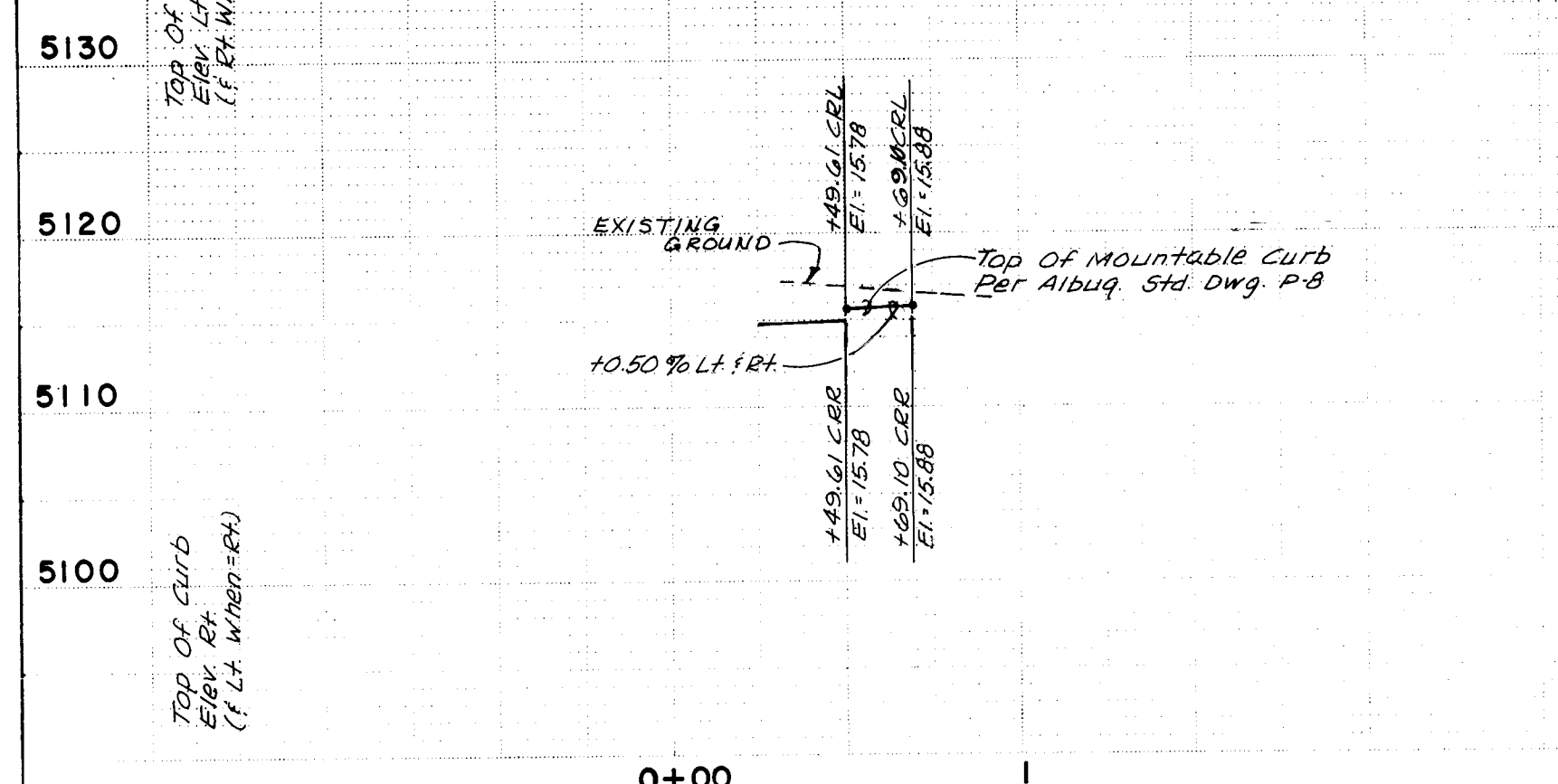
Jim Leydon, Jr., P.E. 8105
REGISTERED PROFESSIONAL ENGINEER

SCALE:
1" = 50' HOR.
1" = 10' VER.

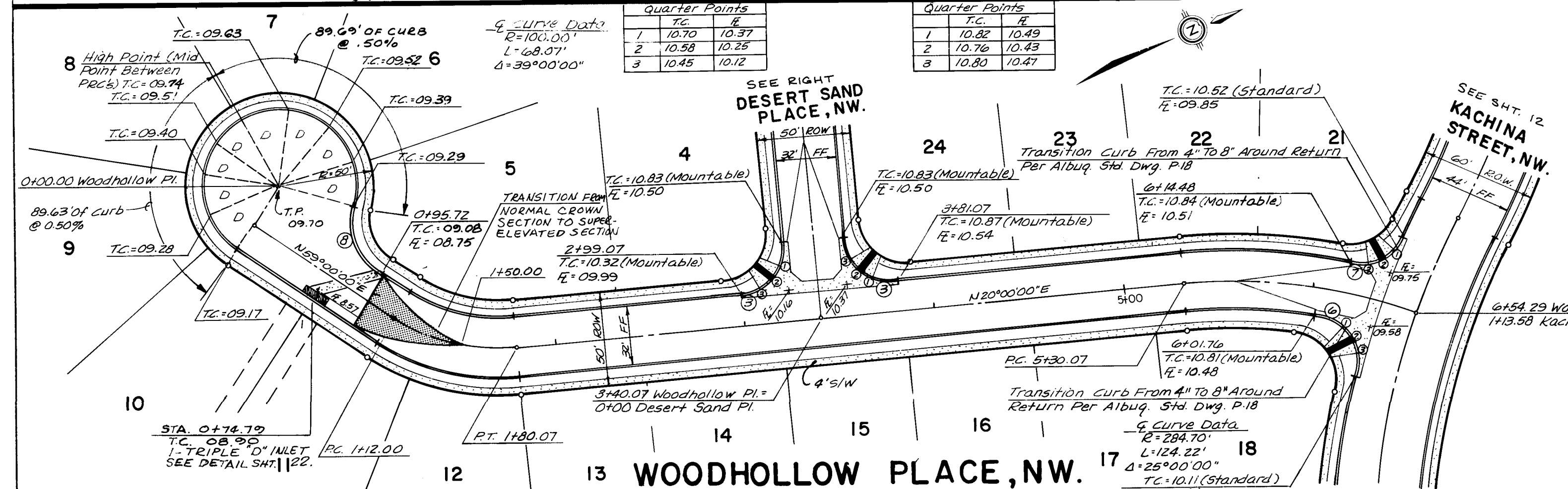
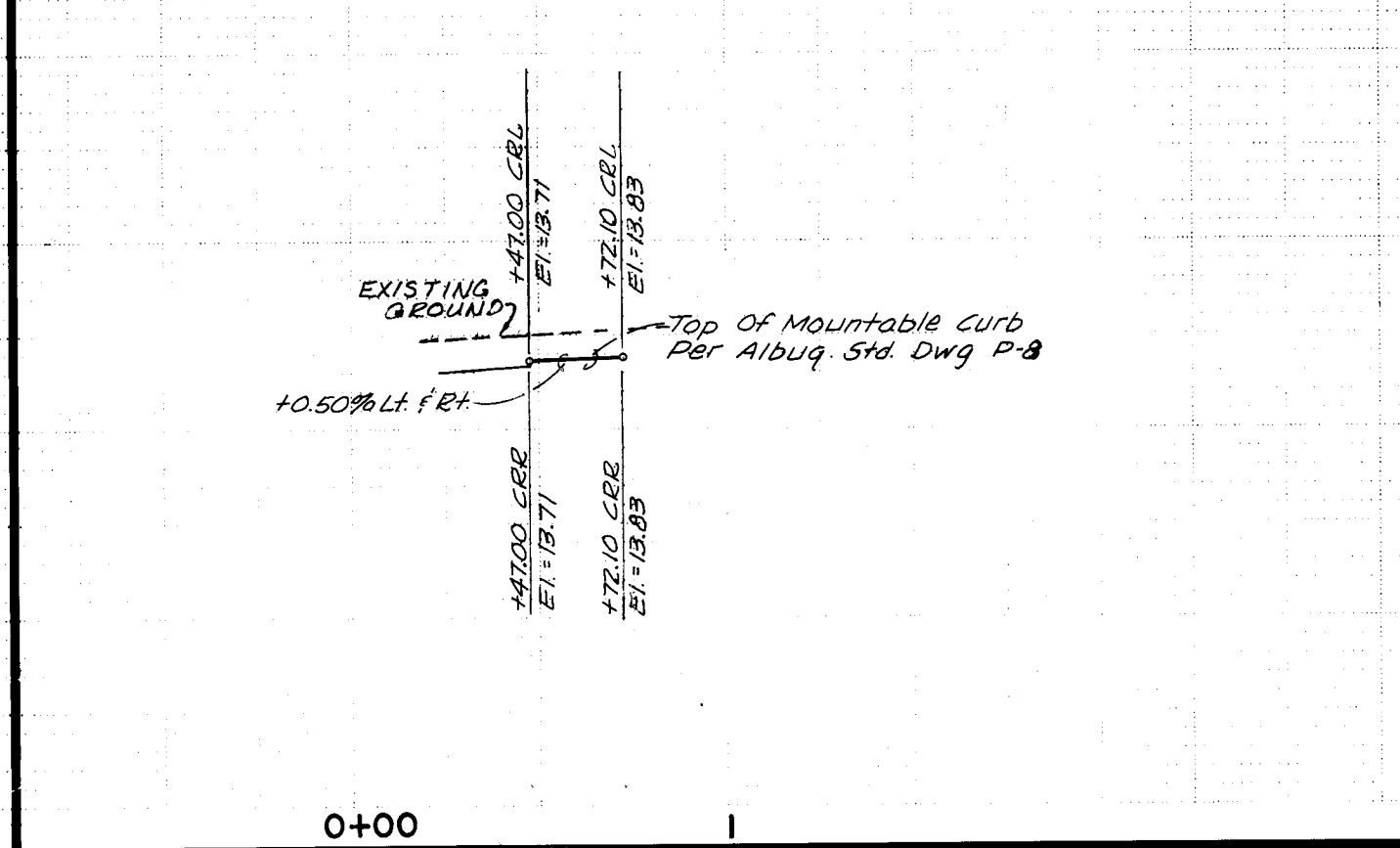
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A STILL BROOKE AVE, NW - TIMBERLINE AVE., NW PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A.C.E. - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A.C.E. - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	11 OF 24



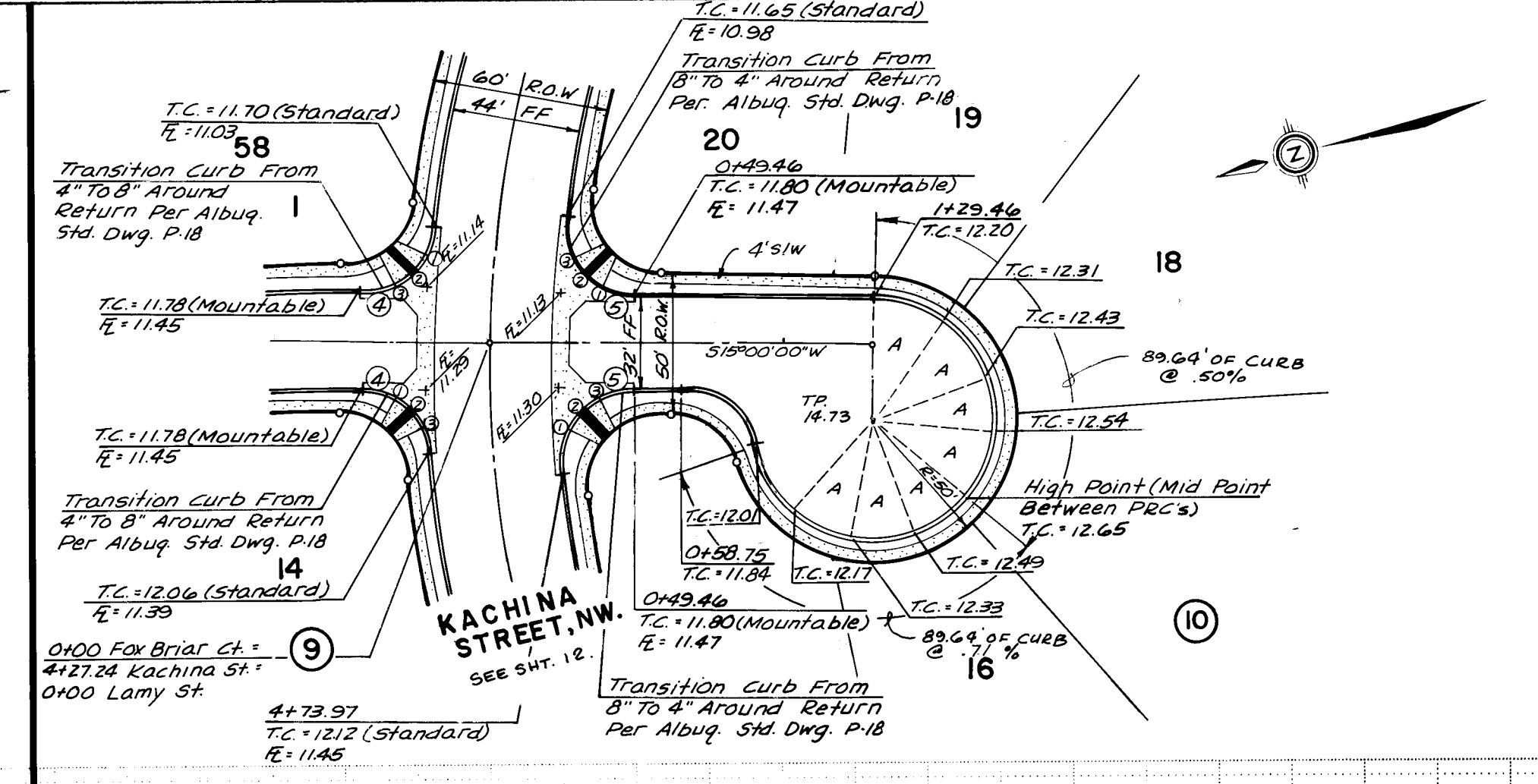
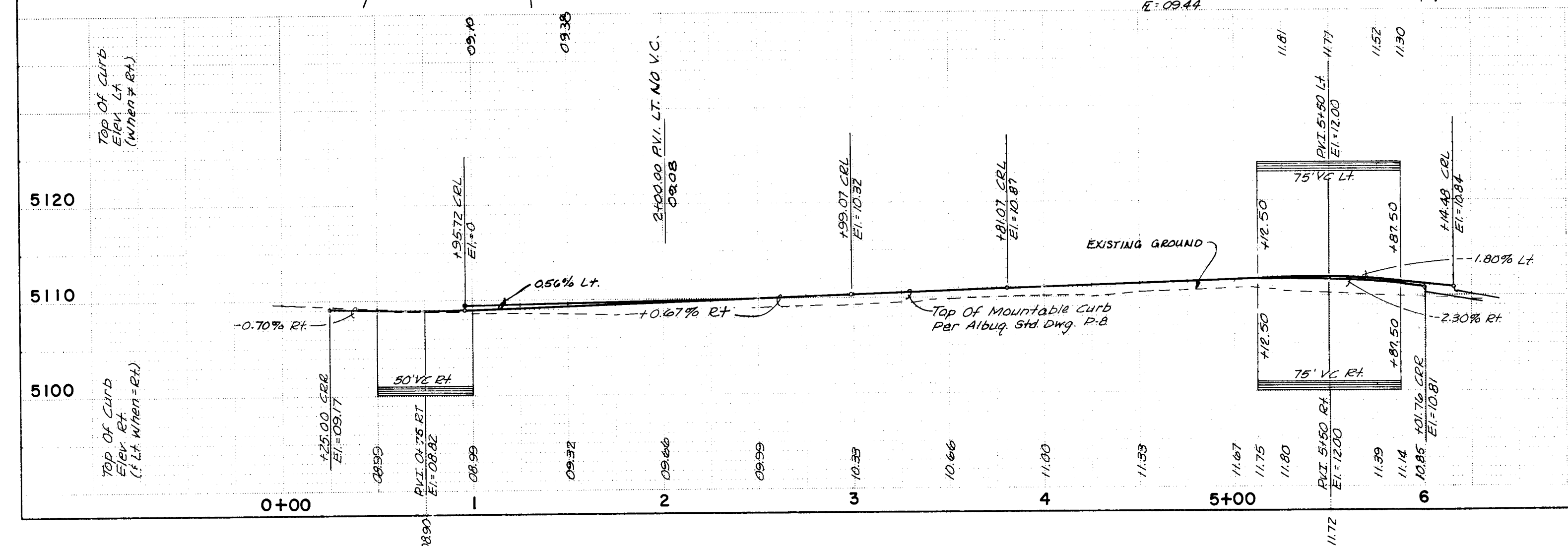
PEPPERWOOD COURT, N.W.



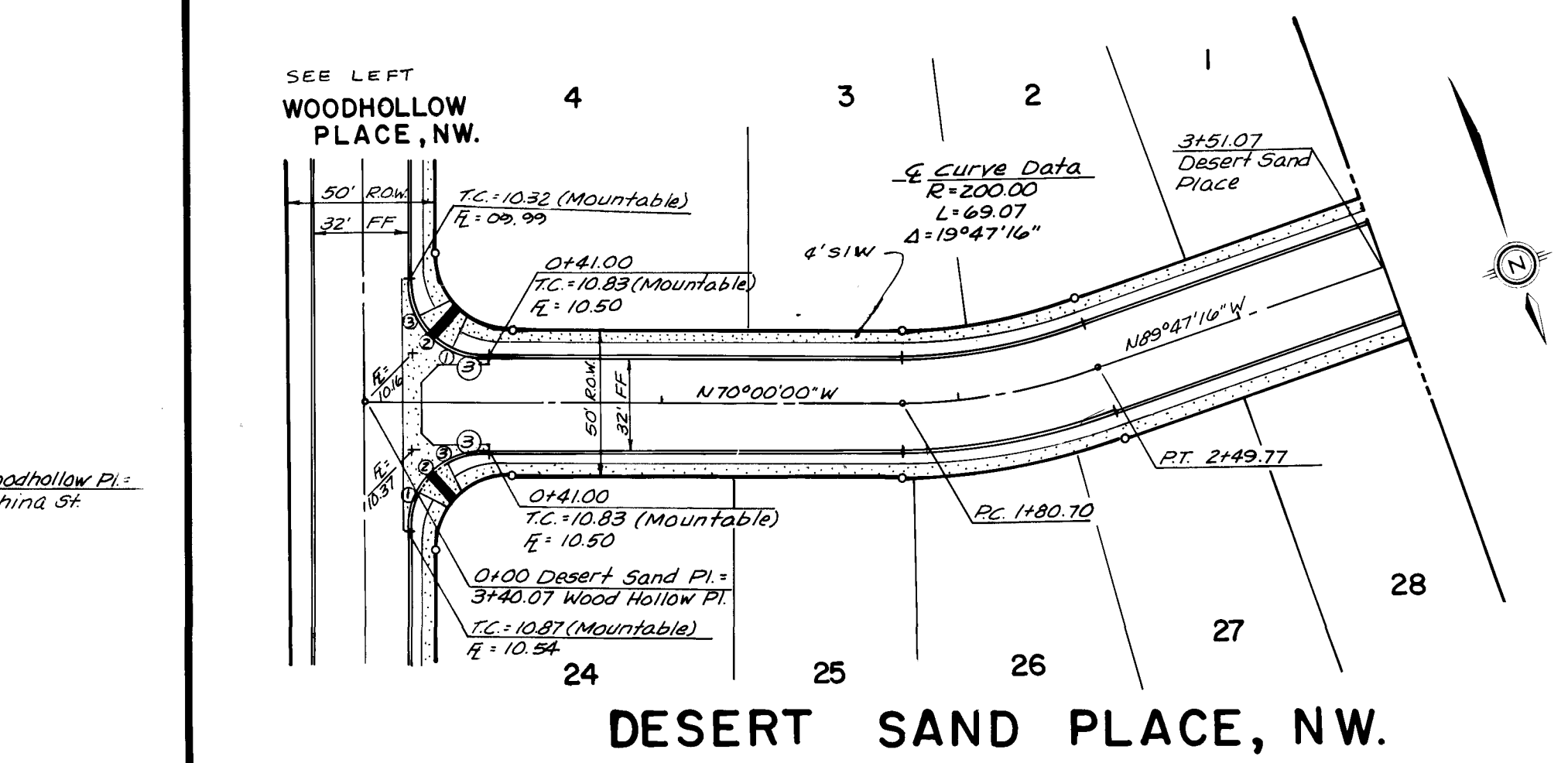
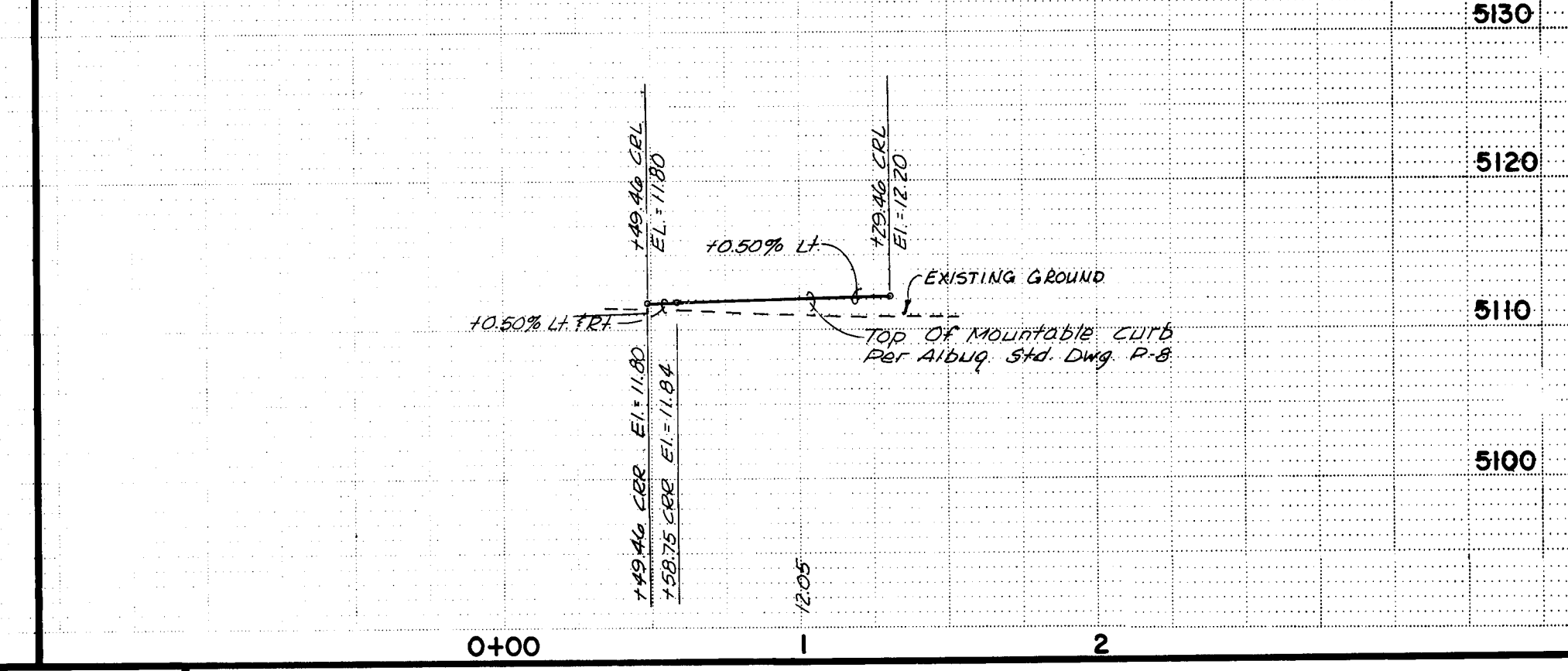
OAKLEDGE COURT, N.W.



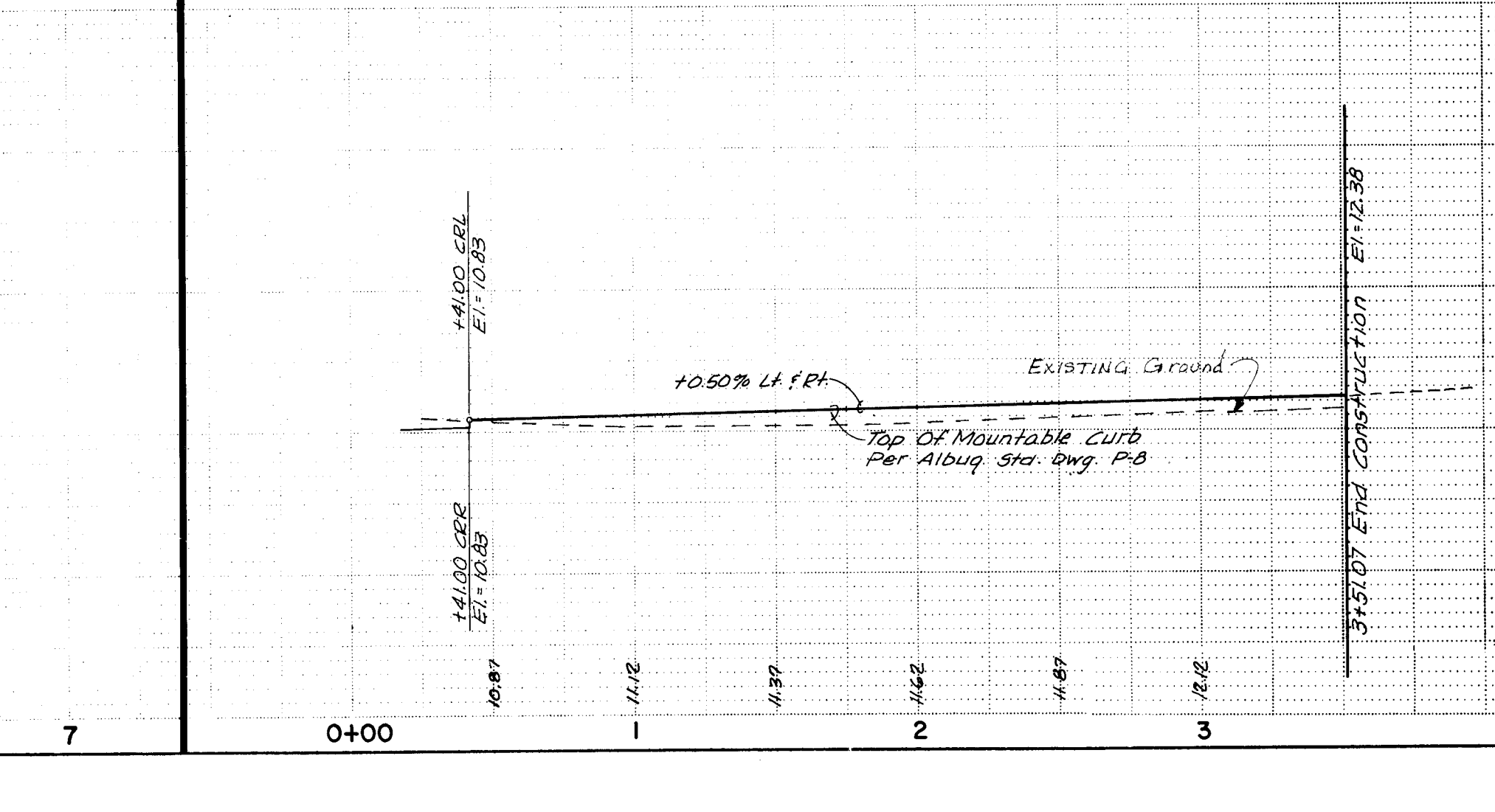
WOODHOLLOW PLACE, N.W.



FOX BRIAR COURT, N.W.



DESERT SAND PLACE, N.W.



Curb Curve Data			
No.	Radius	Length	Delta
1	25.00'	36.31'	84°21'42"
2	25.00'	42.45'	97°17'09"
3	25.00'	39.27'	70°00'00"
4	25.00'	36.92'	84°36'59"
5	25.00'	42.76'	96°51'55"
6	25.00'	41.36'	94°46'46"
7	25.00'	33.66'	77°48'07"
8	25.00'	41.85'	70°31'44"

Cul-De-Sac			
No.	Radius	Length	Delta
A	41.00'	22.41'	31°19'01"
B	41.00'	24.72'	34°32'55"
C	41.00'	24.72'	34°32'43"
D	41.00'	22.41'	31°18'49"

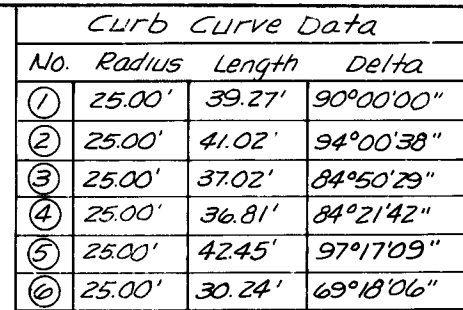
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Hutton and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (Contractors). The Engineer's responsibility is to verify the accuracy of the field data and the construction accuracy as shown on this drawing, to the best of his knowledge and belief.



Jim Leyman, Jr., P.E. 8105
Date: 10-20-85

SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BUTTERFIELD II - PHASE A PEPPERWOOD CT., OAKLEDGE CT., FOX BRIAR CT. WOODHOLLOW PL. & DESERT SAND PL. - PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Jim Leyman, Jr.	12/3/85	Liquid Waste	NA 300B	11-13-85
A-C-E Design	Jim Leyman, Jr.	12/3/85	Traffic	NA 300B	11-13-85
A-C-E Hydrology	Jim Leyman, Jr.	12/3/85	Water	NA 300B	11-13-85
DRAWING NO.	2651	MAP NO.	E-11	SHEET	10 OF 24





 Date 6-20-86

RECORD DRAWING

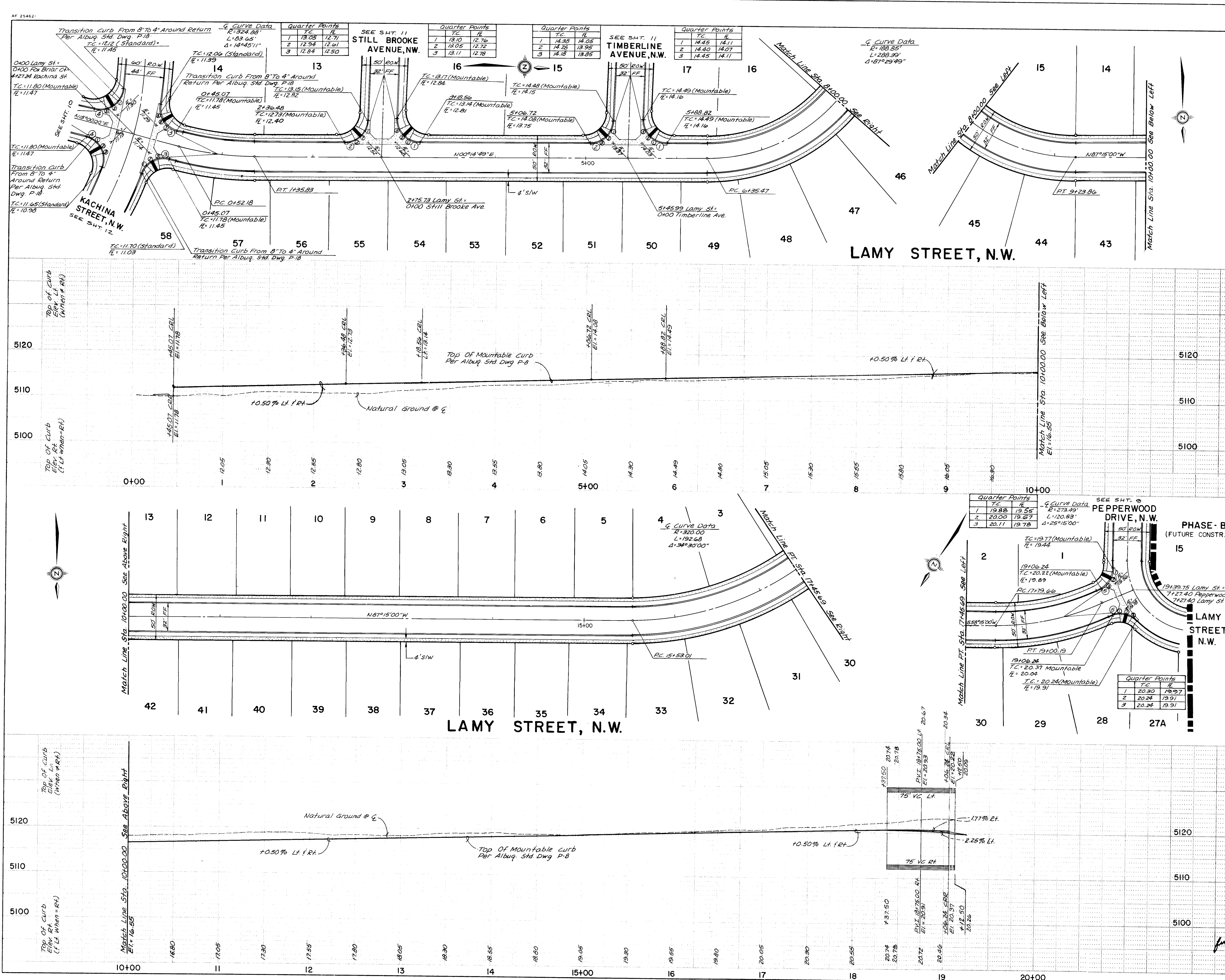
SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: BUTTERFIELD II - PHASE A
PEPPERWOOD DRIVE, N.W. - PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
for City Engineer	<i>[Signature]</i>	12/31/85	Liquid Waste	<i>[Signature]</i>	11-13-85
A C E - Design	<i>[Signature]</i>	12/3/85	Traffic	<i>[Signature]</i>	11-13-85
A C E - Hydrology	<i>[Signature]</i>	12/3/85	Water	<i>[Signature]</i>	11-13-85

DRAWING NO.	2651	MAP NO.	E-11	SHEET	9	OF	24
-------------	------	---------	------	-------	---	----	----



Curve Data

No	Radius	Length	Delta
1	2500'	40.36'	92°30'11"
2	2500'	38.8'	87°29'49"
3	2500'	36.92'	84°36'59"
4	2500'	42.27'	96°51'55"
5	2500'	30.24'	69°18'06"

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

10-26-85 Date

Jim Layman, Jr., P.E. 8101

26 26510886

SCALE:
1" = 50' HOR.
1" = 10' VER.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: BUTTERFIELD II - PHASE A
LAMY STREET, NW. - PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Amst	12/3/85	Liquid Waste	11/13/85	
A.C.E. - Design	Amst	12/3/85	Traffic	11/13/85	
A.C.E. - Hydrology	Amst	12/3/85	Water	11/13/85	

DRAWING NO. 2651 MAP NO. E-11 SHEET 8 OF 24