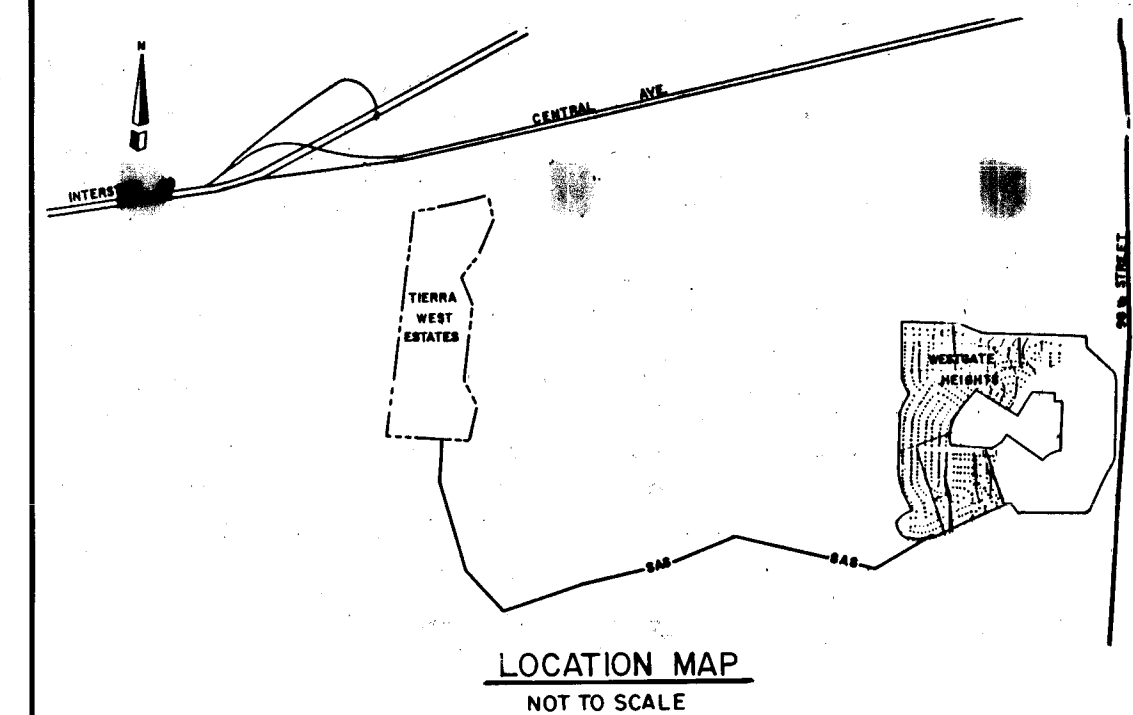


CONSTRUCTION PLANS FOR TIERRA WEST ESTATES SANITARY SEWER OUTFALL BERNALILLO COUNTY, NEW MEXICO



GENERAL NOTES

NOTICE TO CONTRACTORS

- 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION. KNOWN HEREBY AS THE PROJECT SPECIFICATIONS.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE PROJECT.

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.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SHEET
NO.

DESCRIPTION

1

TITLE SHEET

2

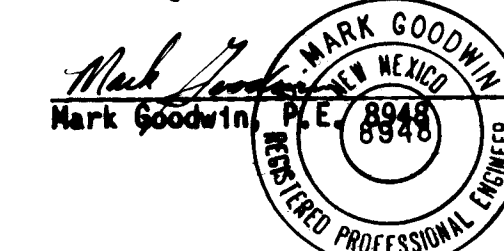
KEY SHEET

3-16

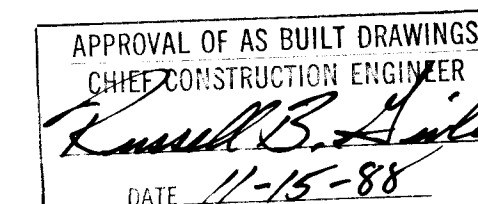
PLAN AND PROFILE SHEETS

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by D. Mark Goodwin and Associates, P.A., and by Jones Industries (Contractor) to reflect construction actually accomplished to the best of my knowledge and belief.



11/3/88
Date



1 2 3 4 5 6 7 8 9 10 11 12
26 35 190 188

GENERAL CONSTRUCTION NOTES:

- Acceptable pipe materials for this work shall be:
 - for 10", 12", and 15" pipe size - solid wall PVC
 - for 18" pipe size - solid wall PVC or Permaloc PVC or Spirolite (Polyethylene)
- Contractor shall coordinate with the Environmental Health Department to obtain a Topsoil Disturbance Permit for the work. The contractor shall fully comply with the short and long term requirements of the Permit. This work shall be incidental to the cost of the project.
- The Contractor shall confine his work within the temporary construction easement to preserve existing vegetation and private property. All topsoil disturbance occurring outside the construction easement during the process of this work shall be corrected in accordance with the requirements of the Topsoil Disturbance Permit.
- Contractor shall remove and dispose of all objectionable and excess material from the construction site. A disposal site for all removal items shall be obtained by the Contractor. The site shall be in compliance with applicable environmental regulations. All costs incurred in obtaining an acceptable site and hauling to it shall be considered incidental to construction of the project.
- When abutting new pavement to existing, cut back existing pavement to a neat straight line as required to remove any broken or cracked pavement, and match new to existing. No separate payment shall be made for such cutting of existing pavement but shall be considered incidental to the project. Cutting of pavement shall be in conformance with the specifications.

6. Construction Signing:

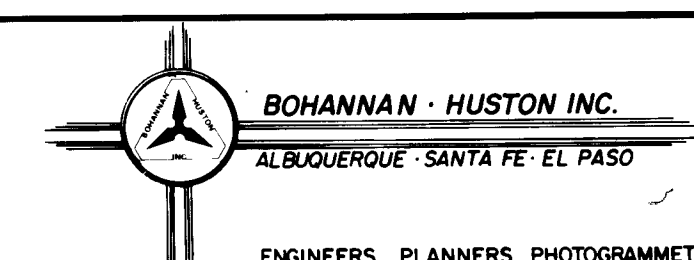
- All barricades and signing shall conform to applicable sections of the "Manual on Uniform Traffic Control Devices" (MUTCD), U.S. Department of Transportation, 1978 Edition.
 - Contractor shall prepare a construction signing plan for review and approval by the Traffic Engineering Office prior to beginning any construction work on or adjacent to existing streets.
 - All construction warning signs shall have a mounted height of seven (7') feet.
 - Contractor shall maintain all barricades and signing at all times. The Contractor shall verify the proper location of all barricades at the end and beginning of each day.
- Excepting the new manhole at Delgado and Guadiana Drive, which shall be a 8' diameter, Type "E" manhole, all manholes shall be 4' diameter, Type "E" and constructed in accordance with City of Albuquerque Standard Drawings 2102 and 2110.
 - Survey centerline for the work is the centerline of the sanitary sewer line. Project survey control is provided as shown on the overall project sheet.
 - The 100-year floodplain boundary, identified in this plan, is a "best estimate" of the boundary's location as shown on the City of Albuquerque FEMA maps.
 - Six (6') feet of cover over the pipe must be available at all arroyo crossings.

- When required in the plans, manholes shall be coated on the interior with an epoxy-type coating as described in the Project Specifications Section 920.4.6.2.
- A sanitary sewer EMD will be placed adjacent to all manholes (within 6" of the outside manhole wall) in this project (excluding Sta. 0+00.00). The EMD will be placed over the upstream pipe connection to the manhole approximately 3' below the manhole rim.
- Polyethylene (Spiro Lite) pipe shall conform to the requirements of Section 121.5.6 of the Project Specifications. PVC-ribbed (Permaloc) pipe shall conform to the requirements of Section 121.5.3 of the Project Specifications. The minimum pipe size requirements of these specifications shall not apply for this project.
- The entire operation within AMAFCA right-of-way shall be subject to inspection by an AMAFCA engineer or representative who shall have full authority to stop work if, in his opinion, it shall endanger the channel or dam section or the construction does not comply with approved plans and specifications, or the terms of the License Agreement.
- All material shall be subject to inspection by an AMAFCA engineer or representative.
- AMAFCA shall be given sufficient advance notice before the Utility begins work on AMAFCA rights-of-way.
- The contractor must have available, at the utility construction site, a copy of the approved License Agreement. Failure to produce this agreement at the site may result in stoppage of work until the Utility or his agent or contractor can show evidence that the proposed installation has been approved in accordance with this policy, and the work is being performed in accordance therewith.

- The contractor must have available at the utility construction site, original or copies of survey notes maintained up-to-date as the work progresses.
- Prior to the future acceptance of this project by the City of Albuquerque, easement widths must conform to the requirements of the City.

- The contractor shall return all disturbed areas to their original condition. This shall include revegetation and regrading of the areas disturbed during construction. This requirement is emphasized for areas that have been cleared and grubbed in error prior to the completion of final construction plans.
- The contractor shall repair the drain (ditch) at the west toe of the dam. This work shall be performed to the satisfaction of Mr. John Kelly of AMAFCA. Prior to beginning work on this repair, the contractor shall contact Mr. Kelly at 884-2215 for work requirements and permission to proceed.

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



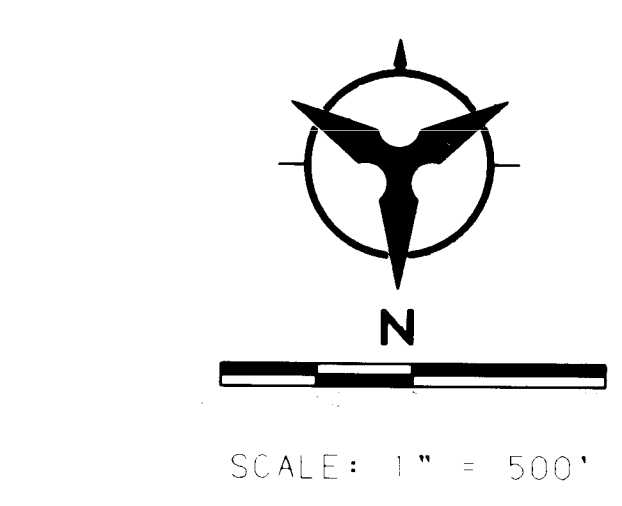
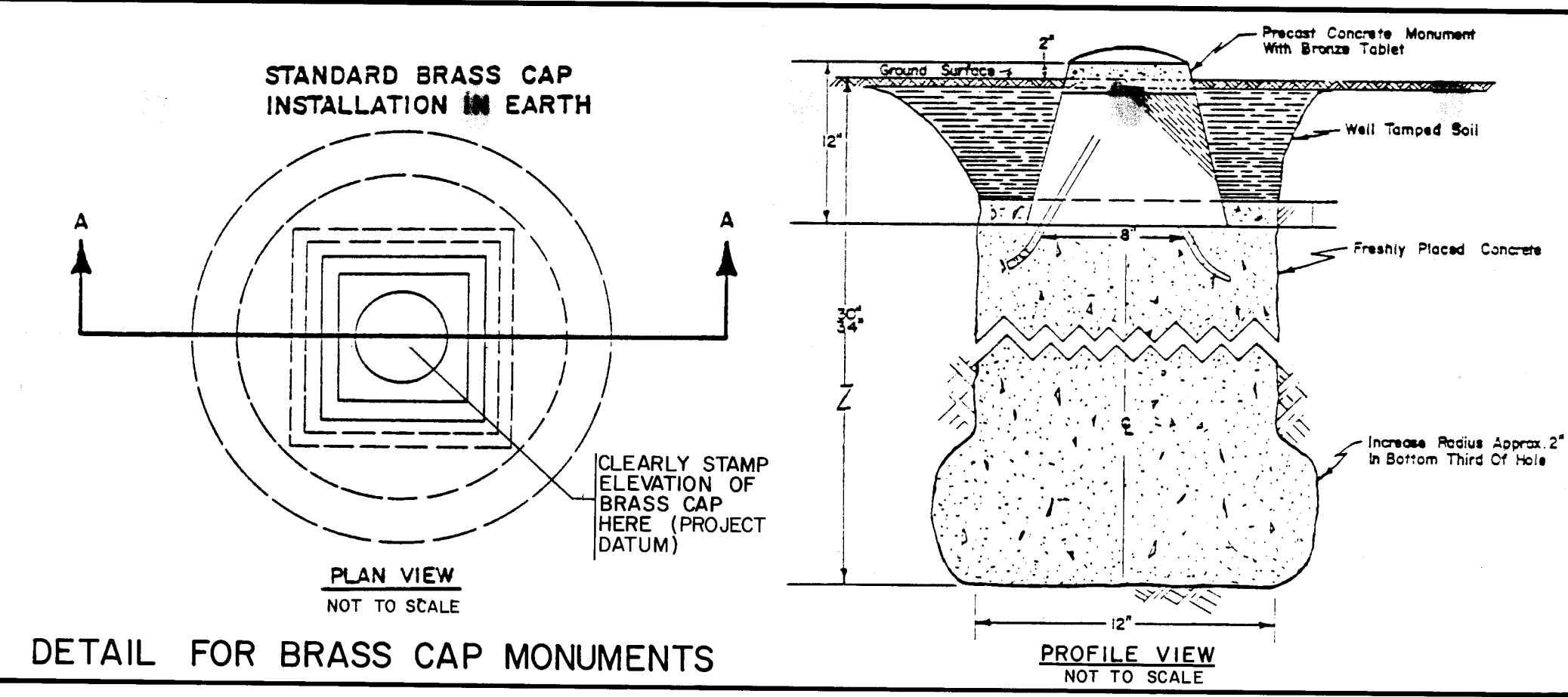
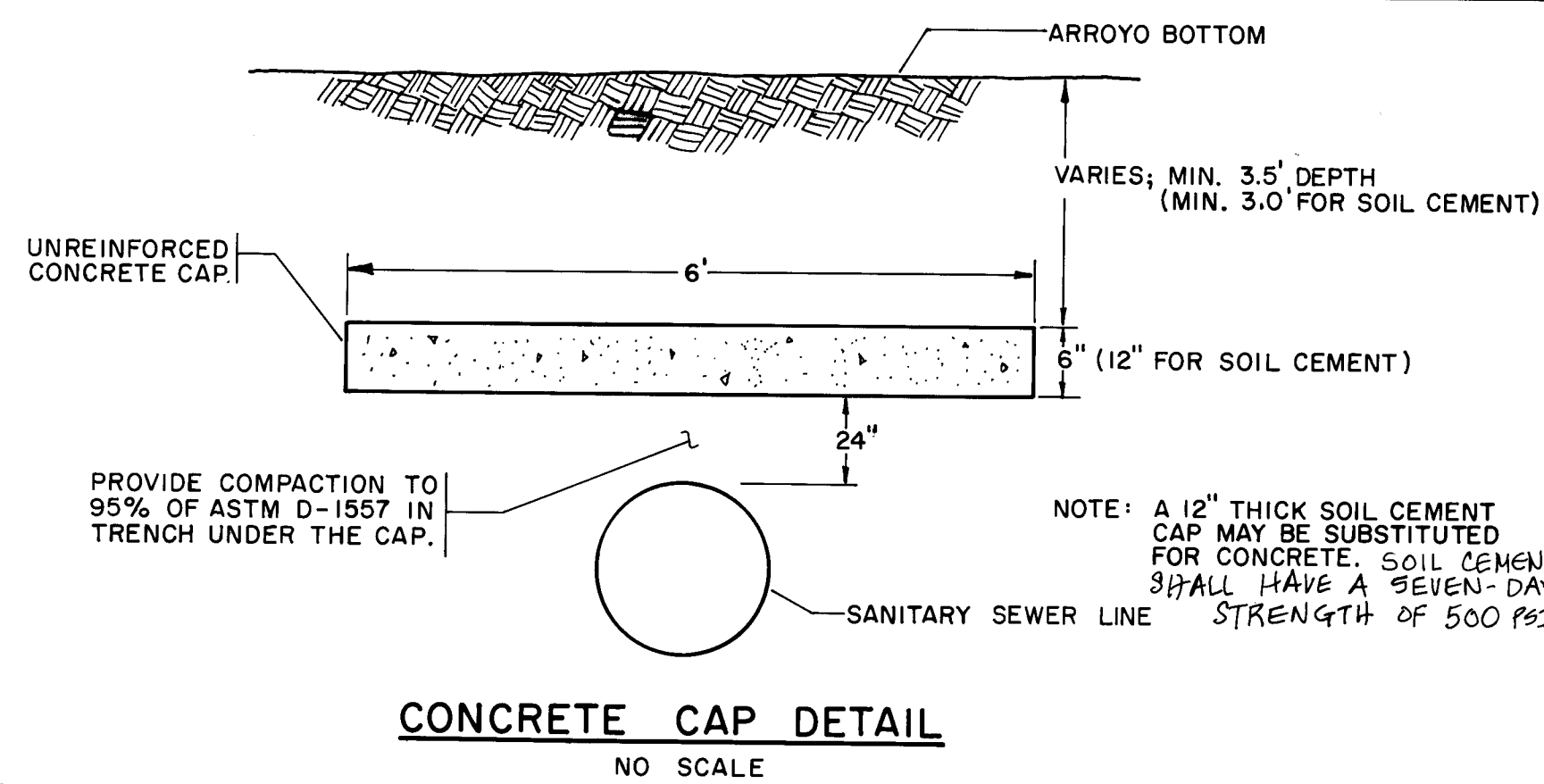
APPROVED FOR
CONSTRUCTION
Mark Goodwin
8-9-88 C.E.

PROJECT NUMBER

3519

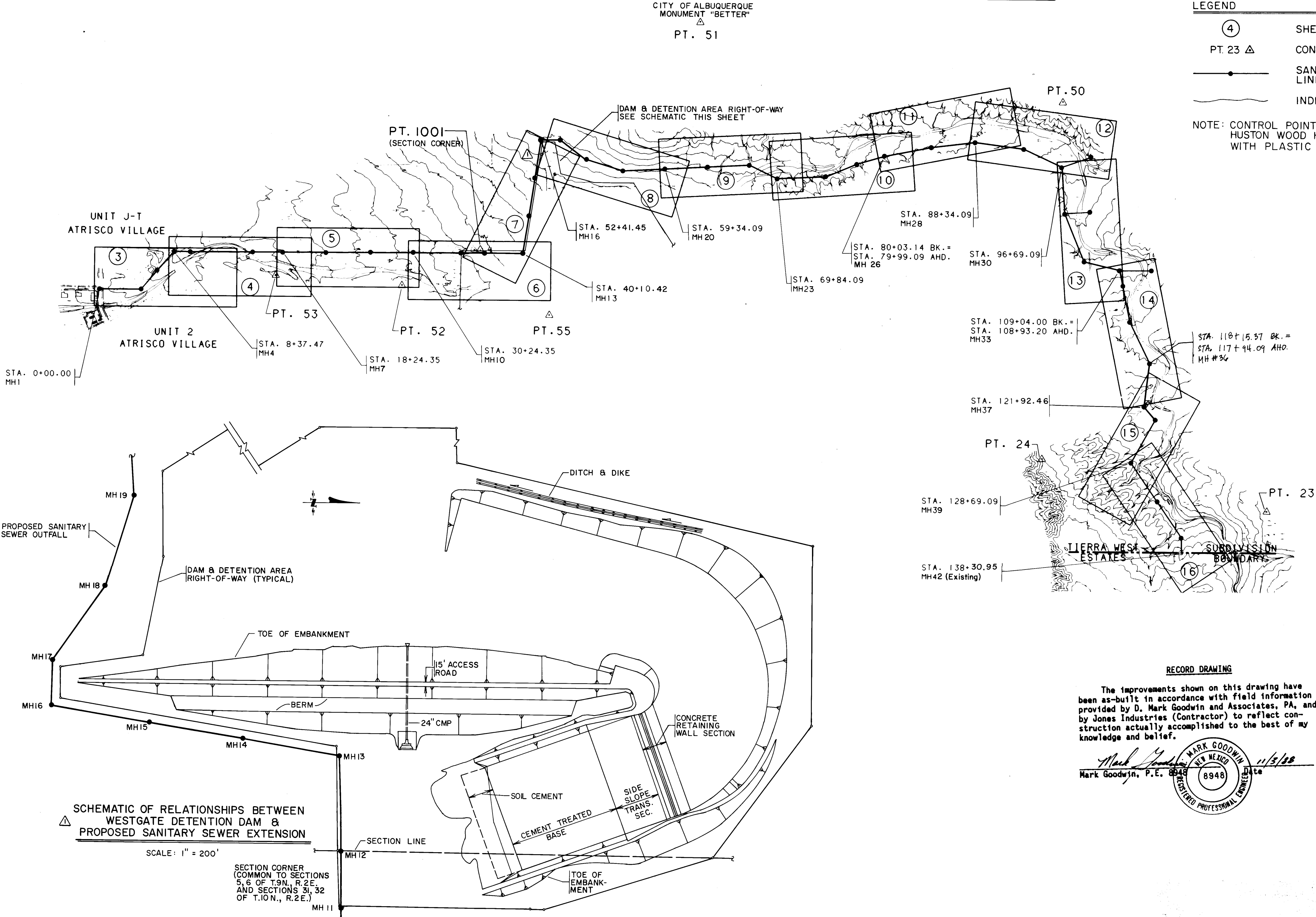
SHEET 1 OF 16

JOB NO. 87390.02



- LEGEND**
- ④ SHEET NUMBER
 - PT. 23 Δ CONTROL POINT
 - SANITARY SEWER LINE W/ MANHOLE
 - INDEX CONTOUR

NOTE: CONTROL POINTS ARE BOHANNAN-HUSTON WOOD HUBS, OR REBARS WITH PLASTIC CAPS. (TYP.)

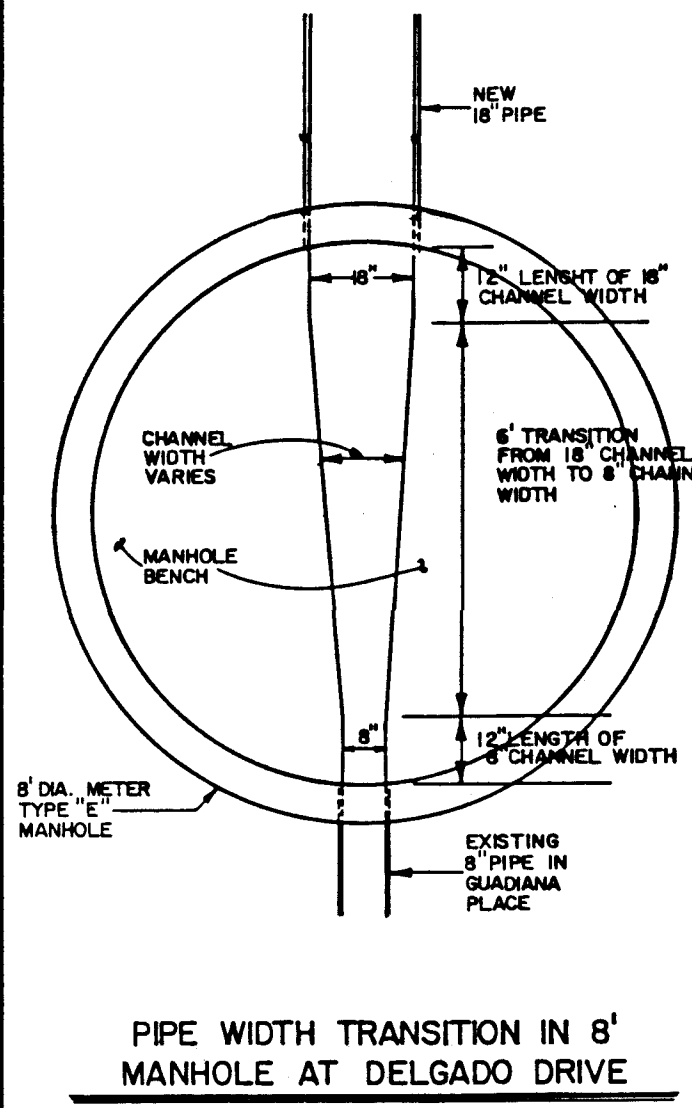
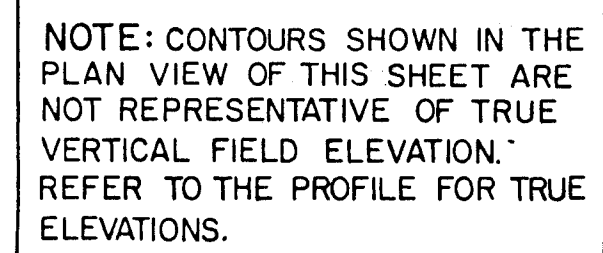
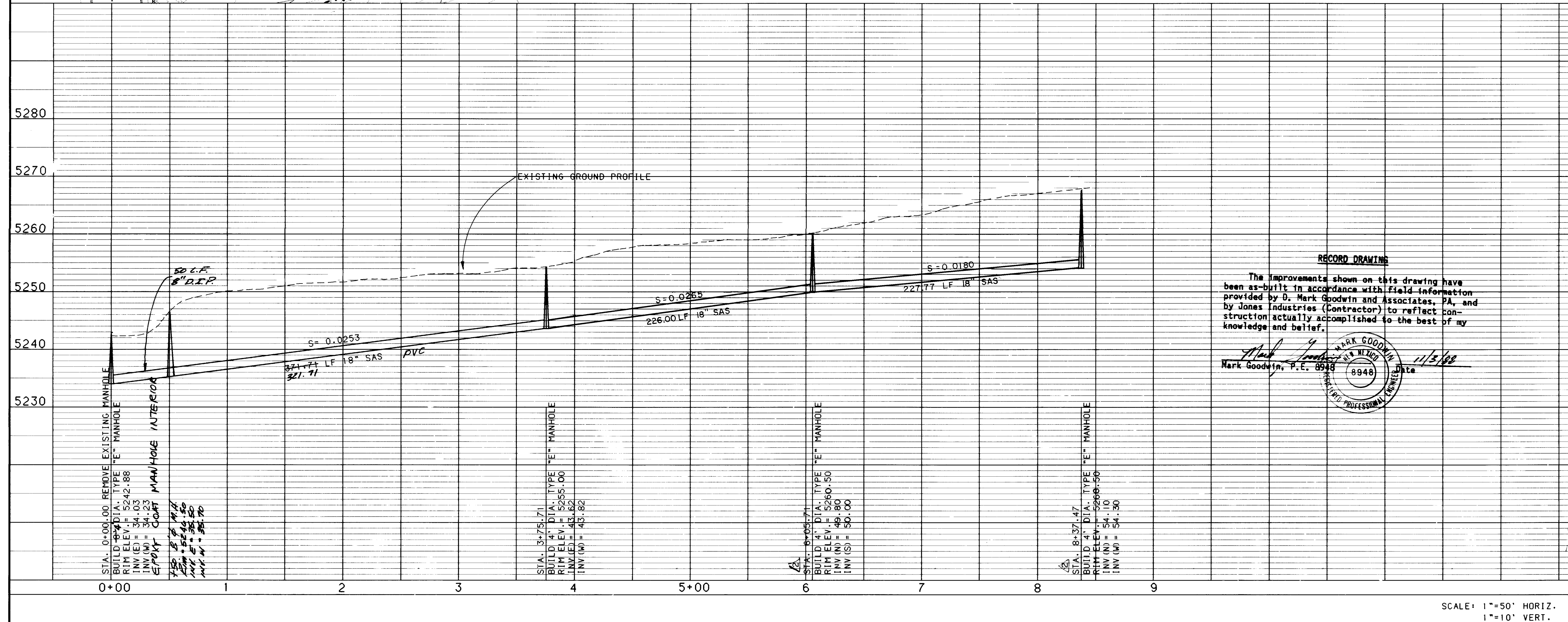


RECORD DRAWING

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Mark Goodwin
Mark Goodwin, P.E. 8948
11/5/88

MANHOLE COORDINATES									
MH1	X=50158.951 Y=71954.815	MH22	X=44235.712 Y=70773.497	AS BUILT INFORMATION CONTRACTOR: Jones Industries DATE: 11/5/88 INSPECTOR'S FIELD VERIFICATION BY: DMS DATE: 11/5/88 ENGINEER'S FIELD VERIFICATION BY: DMS DATE: 11/5/88 MICRO-FILM INFORMATION RECORDED BY: NO.					
MH2	X=49783.245 Y=71953.825	MH23	X=43982.940 Y=70893.939						
MH3	X=49632.868 Y=71779.794	MH24	X=43533.379 Y=70874.058						
MH4	X=49481.337 Y=71604.427	MH25	X=43253.370 Y=70755.412						
MH5	X=49334.465 Y=71606.308	MH26	X=42998.850 Y=70681.842						
MH6	X=48764.465 Y=71606.818	MH27	X=42572.043 Y=70597.812						
MH7	X=48494.465 Y=71607.060	MH28	X=42174.995 Y=70549.302						
MH8	X=48094.465 Y=71607.418	MH29	X=41728.775 Y=70607.506						
MH9	X=47694.465 Y=71607.776	MH30	X=41379.610 Y=70769.706						
MH10	X=47294.465 Y=71608.134	MH31	X=41352.684 Y=71193.852						
MH11	X=46858.372 Y=71608.524	MH32	X=41173.086 Y=71633.590	BENCH MARKS NO. DATE BY FIELD NOTES					
MH12	X=46658.370 Y=71607.410	MH33	X=40847.065 Y=71710.232						
MH13	X=46308.388 Y=71606.941	MH34	X=40817.558 Y=71857.301						
MH14	X=46254.428 Y=71261.125	MH35	X=40800.562 Y=71208.810						
MH15	X=46200.468 Y=70915.309	MH36	X=40569.414 Y=72559.765						
MH16	X=46145.050 Y=70560.141	MH37	X=40638.875 Y=72952.031						
MH17	X=45973.493 Y=70559.344	MH38	X=40514.887 Y=73078.407						
MH19	X=45389.104 Y=70834.424	MH39	X=40732.986 Y=73472.022						
MH20	X=45004.640 Y=70814.115	MH40	X=40493.647 Y=73823.222						
MH21	X=44620.176 Y=70793.806	MH41	X=40267.972 Y=74154.373						
MH18	X=45723.994 Y=70732.694	MH42	X=40266.010 Y=74290.483						
CONTROL POINT COORDINATES									
PT. 23	X=39488.5859 Y=73910.5185	PT. 51	X=44699.2522 Y=69462.8937						
PT. 24	X=41542.7834 Y=73440.5429	PT. 52	X=47401.4271 Y=71895.3474						
PT. 45	X=46015.1570 Y=70570.8077	PT. 53	X=48556.6937 Y=71816.4528						
PT. 50	X=41377.3218 Y=70170.2962	PT. 55	X=46056.5837 Y=72159.3872						
PT. 1001 AMAFCA R.O.W. MONUMENT AND SECTION CORNER X=46658.414 Y=71597.410 (SEE "DETAIL A" ON SHEET 6)									
1 2 3 4 5 6 7 8 9 10 11 12 26 35190288									
CITY OF ALBUQUERQUE									
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL - KEY SHEET									
APPROVALS		ENGINEER	DATE	APPROVALS		ENGINEER	DATE		
City Engineer		Ad. J. R. Jones	11/5/88	Liquid Waste		Ad. J. R. Jones	7/19/88		
ACE Design				Traffic		Ad. J. R. Jones	7/21/88		
ACE Hydrology		Rgn. J. R. Jones	7-7-88	Water		Ad. J. R. Jones	7/19/88		
DRAWING NO. 3519				MAP NO.		SHEET 2		OF 16	

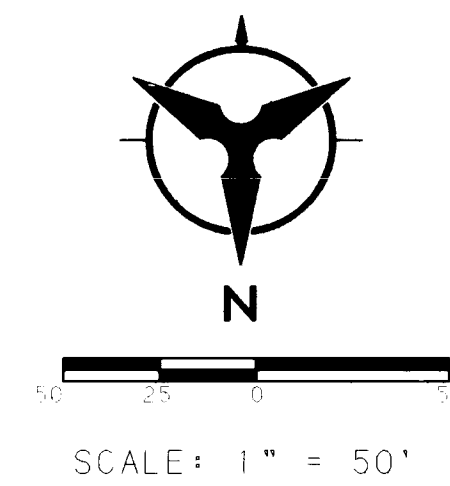


RECORD DRAWING

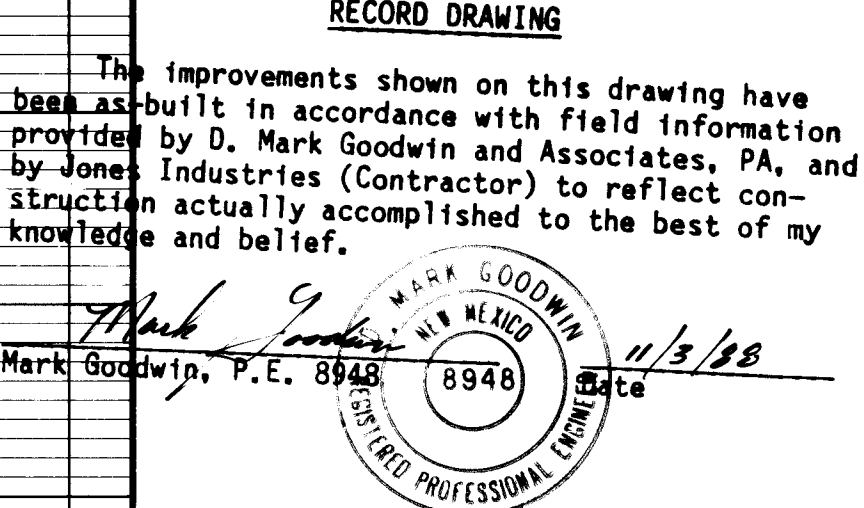
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Mark Goodwin, P.E. 8948

[illegible]



NOTE: CONTOURS SHOWN IN THE
PLAN VIEW OF THIS SHEET ARE
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VERTICAL FIELD ELEVATION.
REFER TO THE PROFILE FOR TRUE
ELEVATIONS.

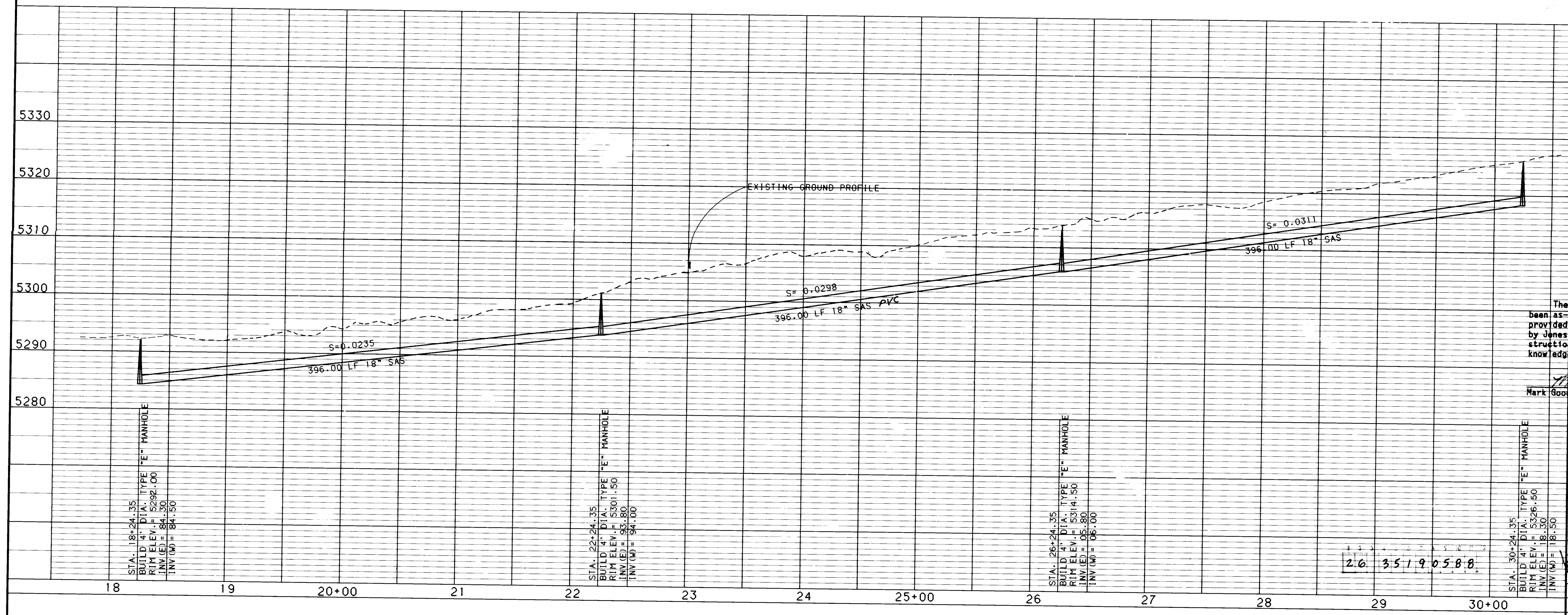
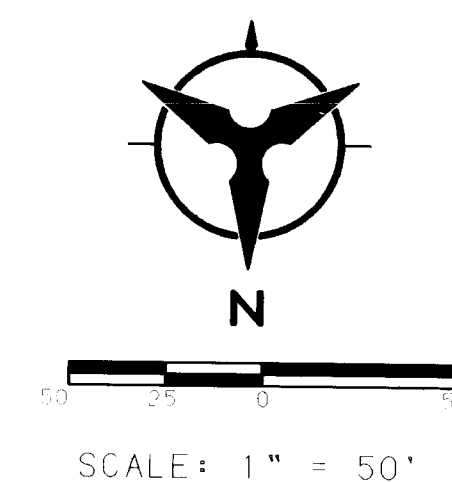
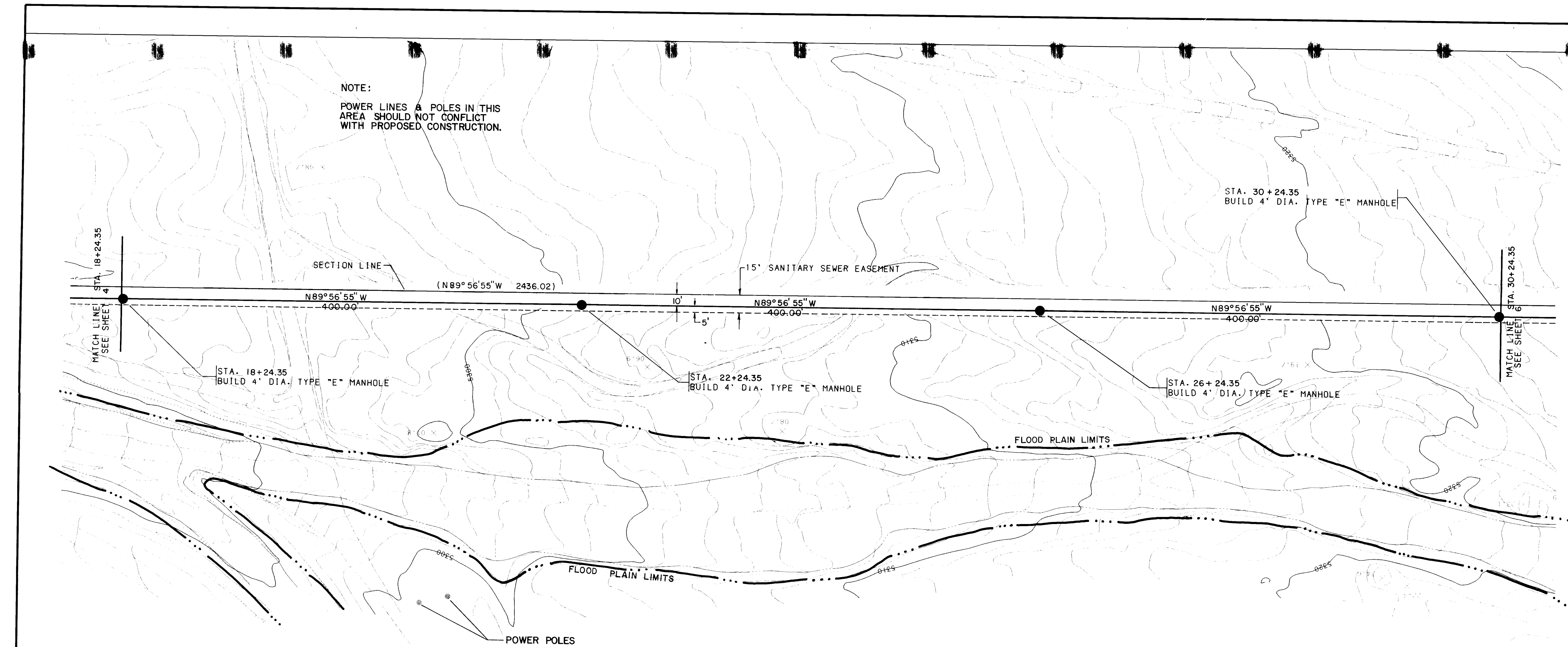


CITY OF ALBUQUERQUE

TITLE: TIERRA WEST ESTATES
SANITARY SEWER OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/19/88	Liquid Waste	<i>[Signature]</i>	7/19/88
ACE Design	"	"	Traffic	"	"
ACE Hydrology	<i>[Signature]</i>	7-1-88	Water	<i>[Signature]</i>	7/19/88
			AMAC/CA	<i>[Signature]</i>	7/19/88

DRAWING NO.	3519	MAP NO.	SHEET 4 OF 16
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RECORD DRAWING

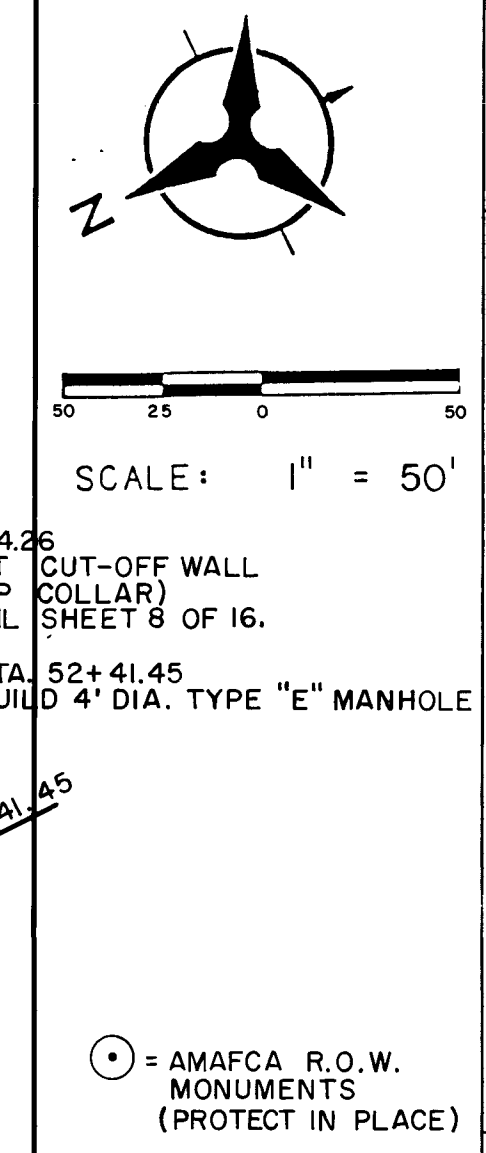
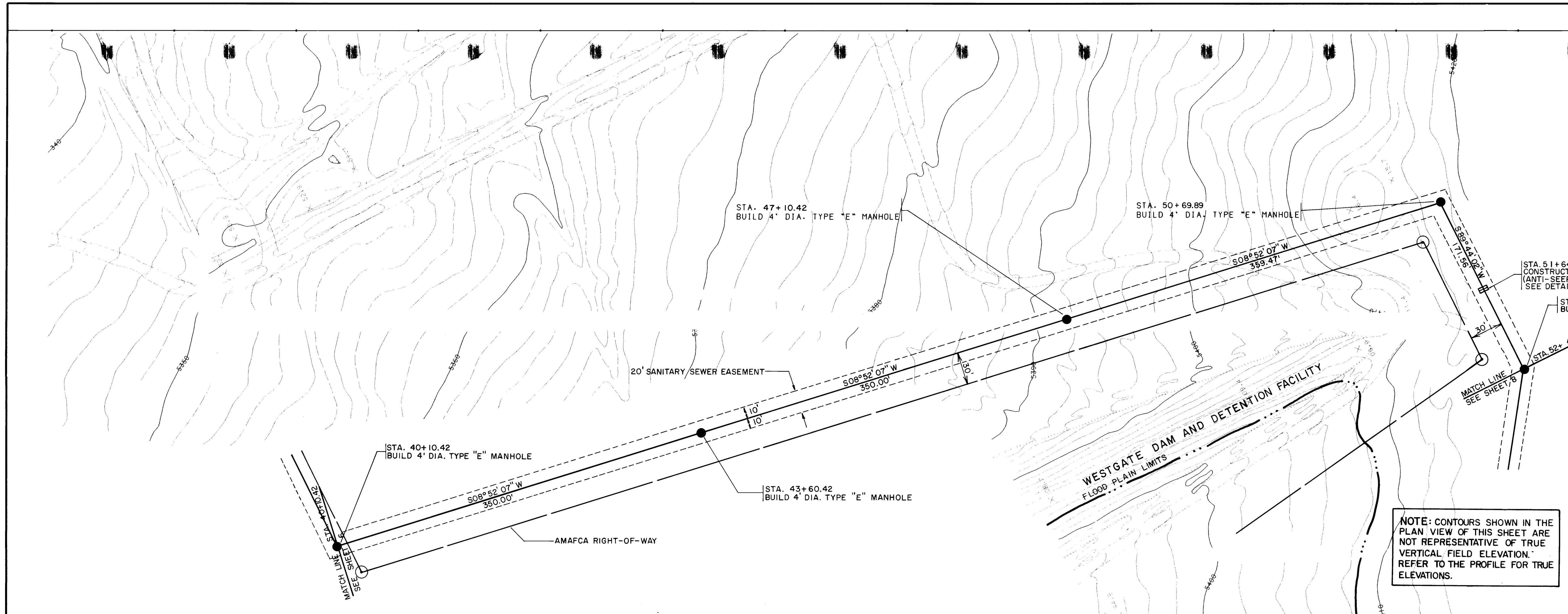
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Mark Goodwin, P.E. 8948

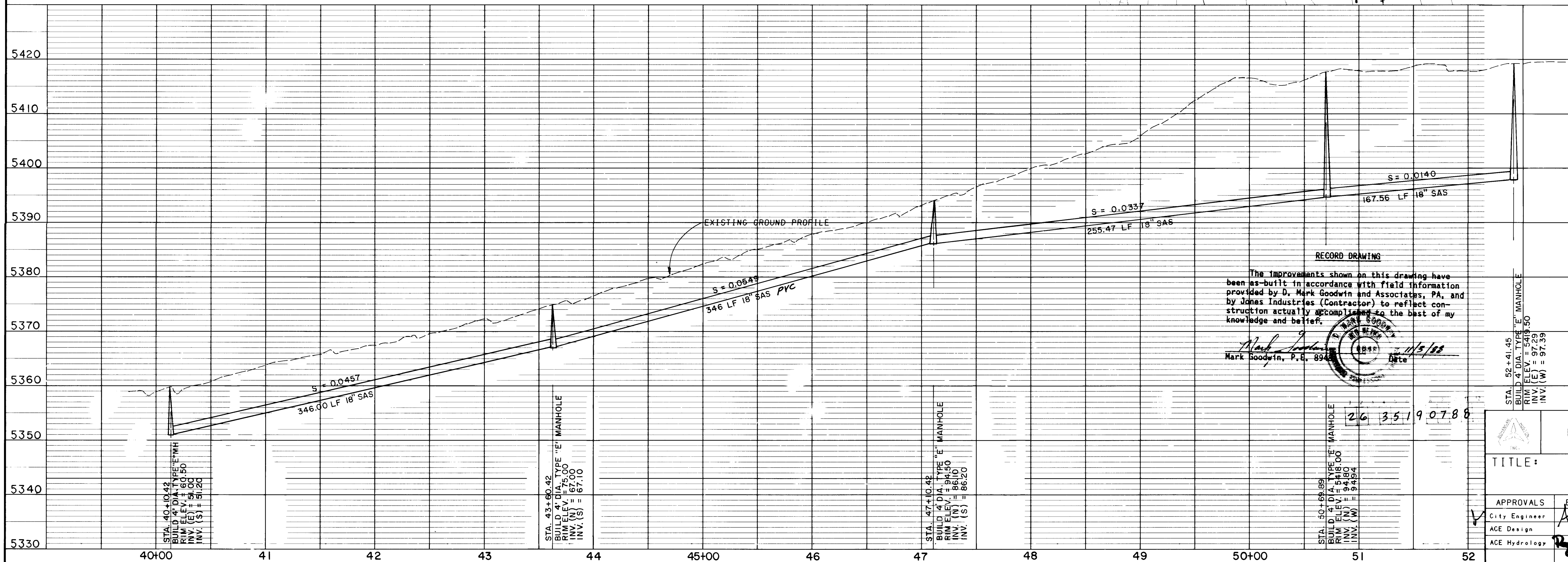
DATE 11/3/88

CITY OF ALBUQUERQUE			
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	7/19/88		Liquid Waste
ACE Design	7/19/88		Traffic
ACE Hydrology	7/19/88		Water
AMAFCA		7/19/88	
DRAWING NO. 3519		MAP NO. SHEET 5 OF 16	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	DATE	NO.	DATE
Jones Industries	11/3/88						
INSPECTOR'S	DATE						
ACCEPTANCE BY	DATE						
VERIFICATION BY	DATE						
DRAWN BY	DATE						
CHECKED BY	DATE						
RECORDED BY	DATE						
MICRO-FILM INFORMATION							
NO.	DATE						



NOTE: CONTOURS SHOWN IN THE PLAN VIEW OF THIS SHEET ARE NOT REPRESENTATIVE OF TRUE VERTICAL FIELD ELEVATION. REFER TO THE PROFILE FOR TRUE ELEVATIONS.



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Mark Goodwin, P.E., 8941
Date: 11/5/88

STA. 52+41.45
BUILD 4' DIA. TYPE "E" MANHOLE
RIM ELEV. = 549.50
INV. (E) = 97.29
INV. (W) = 97.39

STA. 50+69.89
BUILD 4' DIA. TYPE "E" MANHOLE
RIM ELEV. = 548.00
INV. (E) = 97.29
INV. (W) = 97.39

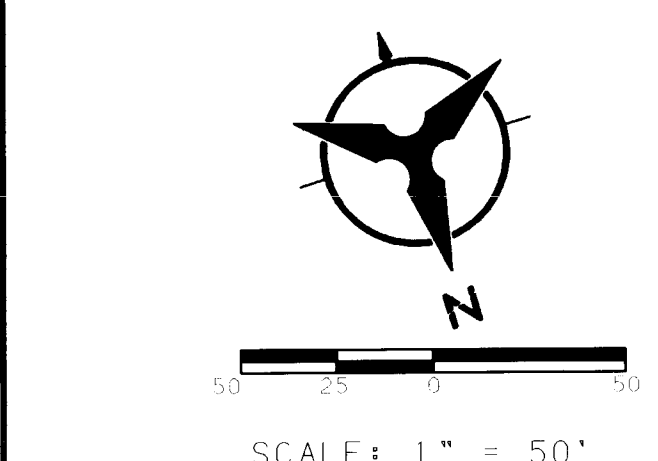
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RIM ELEV. = 548.00
INV. (E) = 97.29
INV. (W) = 97.39

STA. 43+60.42
BUILD 4' DIA. TYPE "E" MANHOLE
RIM ELEV. = 548.00
INV. (E) = 97.29
INV. (W) = 97.39

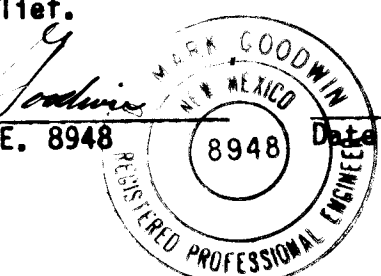
STA. 40+10.42
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RIM ELEV. = 548.00
INV. (E) = 97.29
INV. (W) = 97.39

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Adel	7/19/88	Liquid Waste	Adel	7/19/88
ACE Design			Traffic		
ACE Hydrology			Water		
AMAFCA			AMAFCA		
DRAWING NO. 3519			SHEET 7 OF 16		

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Jones Industries	NO.	DATE	NO.	DATE	[Seal]	
STAMPED BY	Estey-Husky	BY	DATE	REMARKS	BY	[Seal]	
INSPECTOR'S	DWG	NO.	DATE	REVISIONS	BY	[Seal]	
FIELD CHECKED BY	DWG	NO.	DATE	DESIGN	BY	[Seal]	
VERIFICATION BY	DWG	NO.	DATE	DATE	DATE	[Seal]	
CORRECTED BY	DWG	NO.	DATE	DATE	DATE	[Seal]	
MICRO-FILM INFORMATION		NO.	DATE	DATE	DATE	[Seal]	

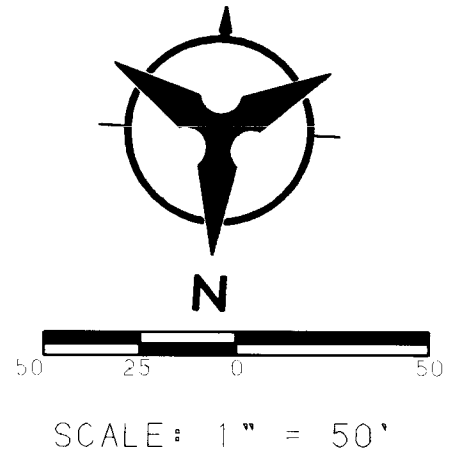
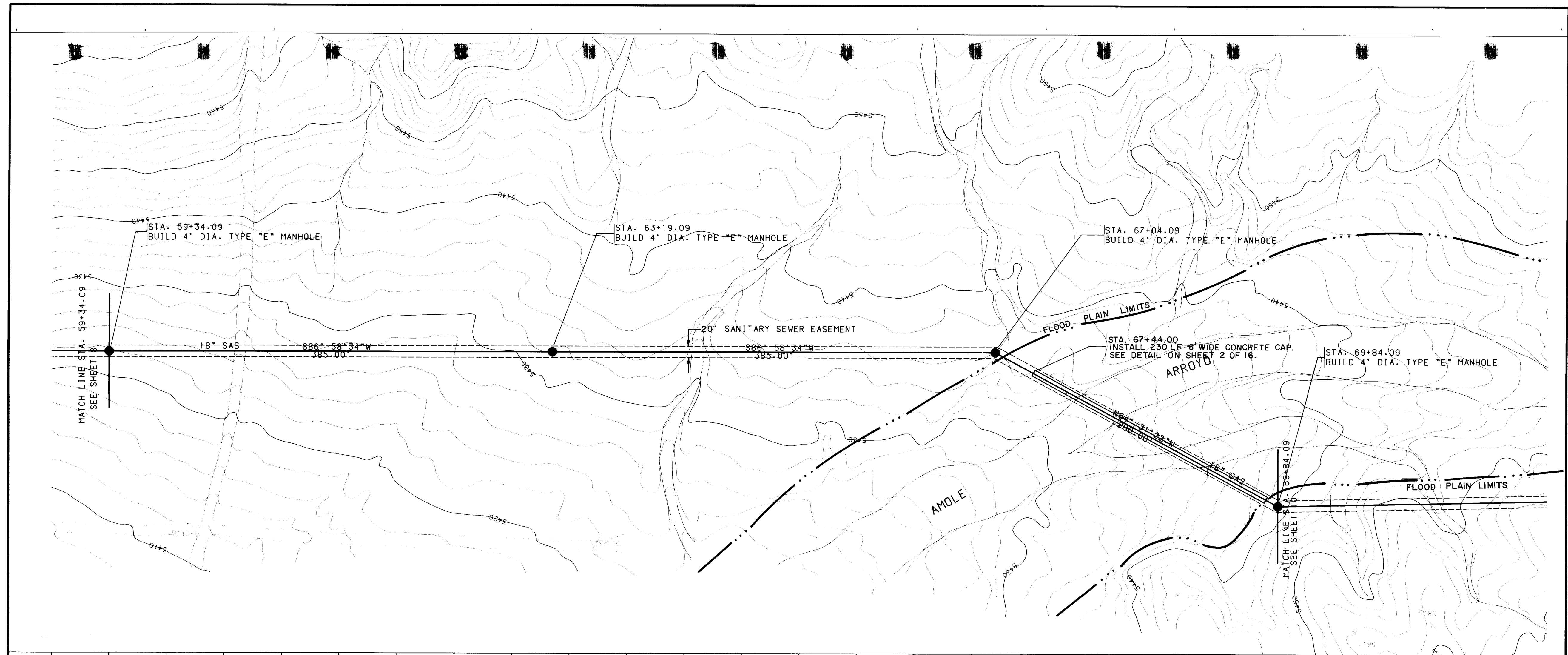


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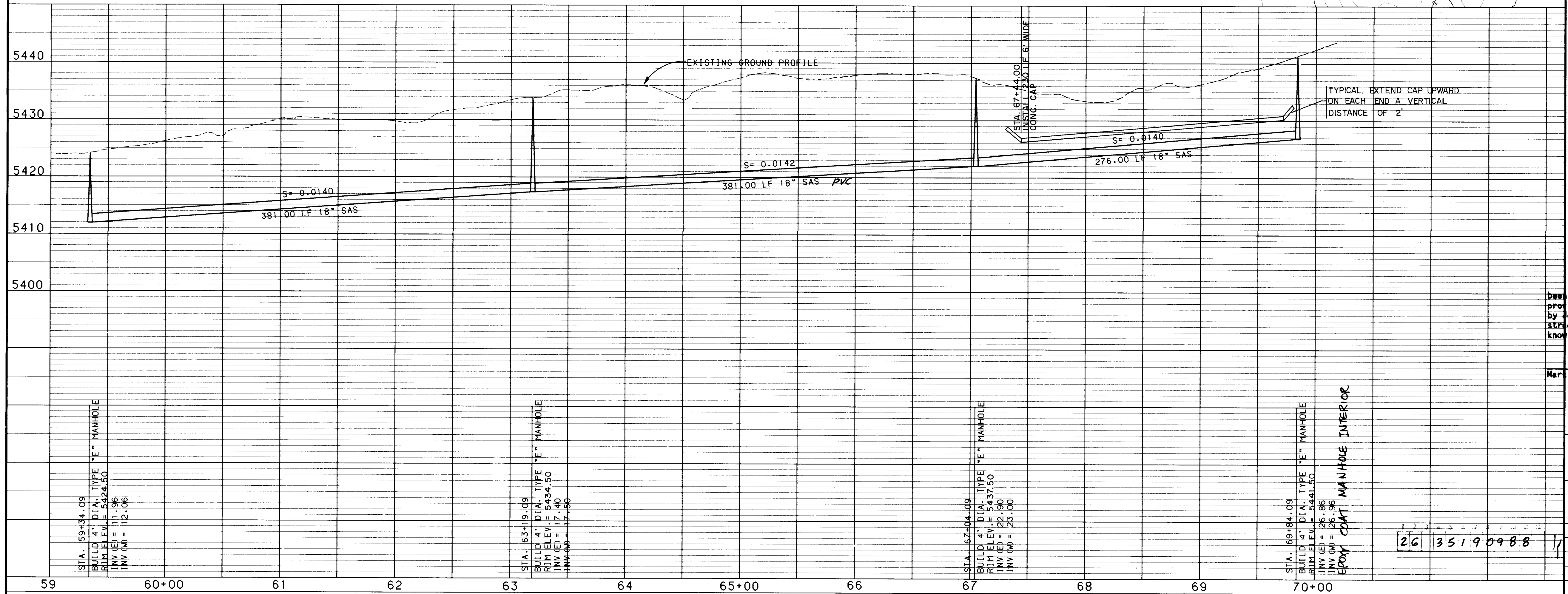


DRAWING NO.	3519	MAP NO.	SHEET 8 OF 16
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DRAWING NO.	3519	MAP NO.	SHEET 8 OF 16
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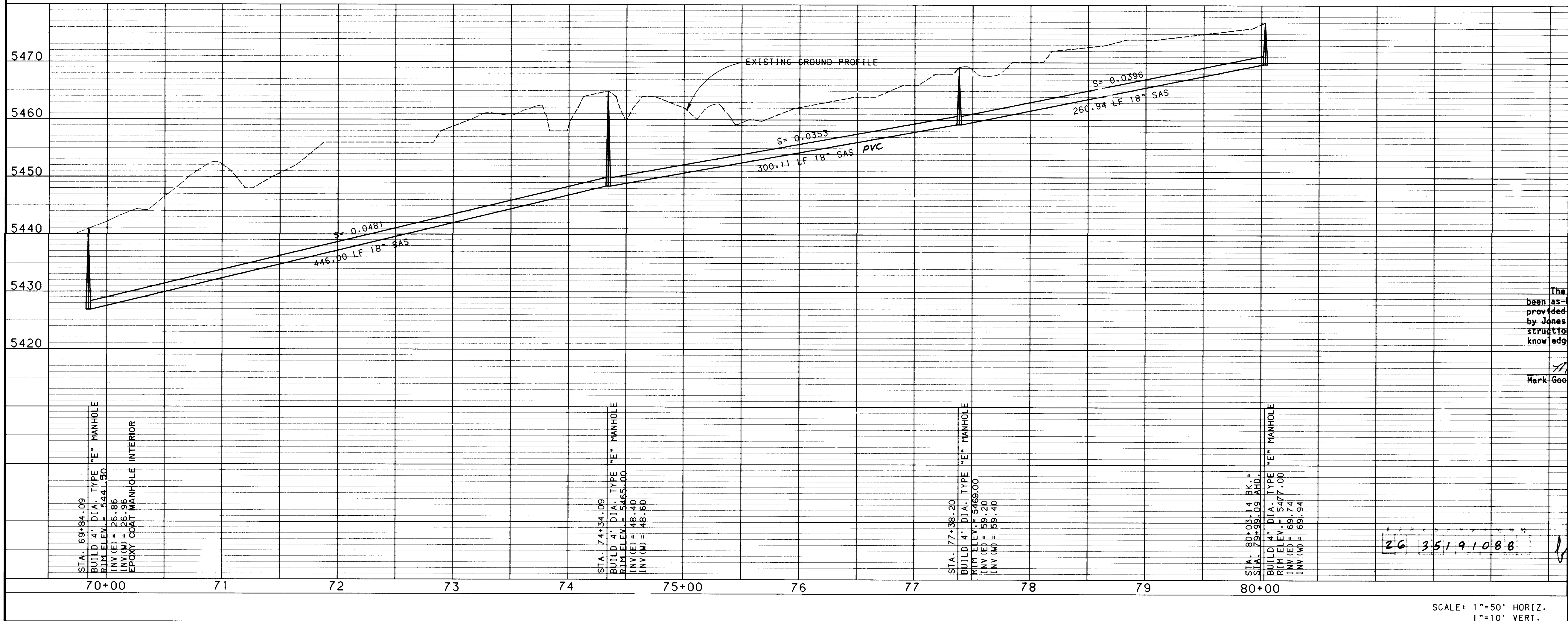
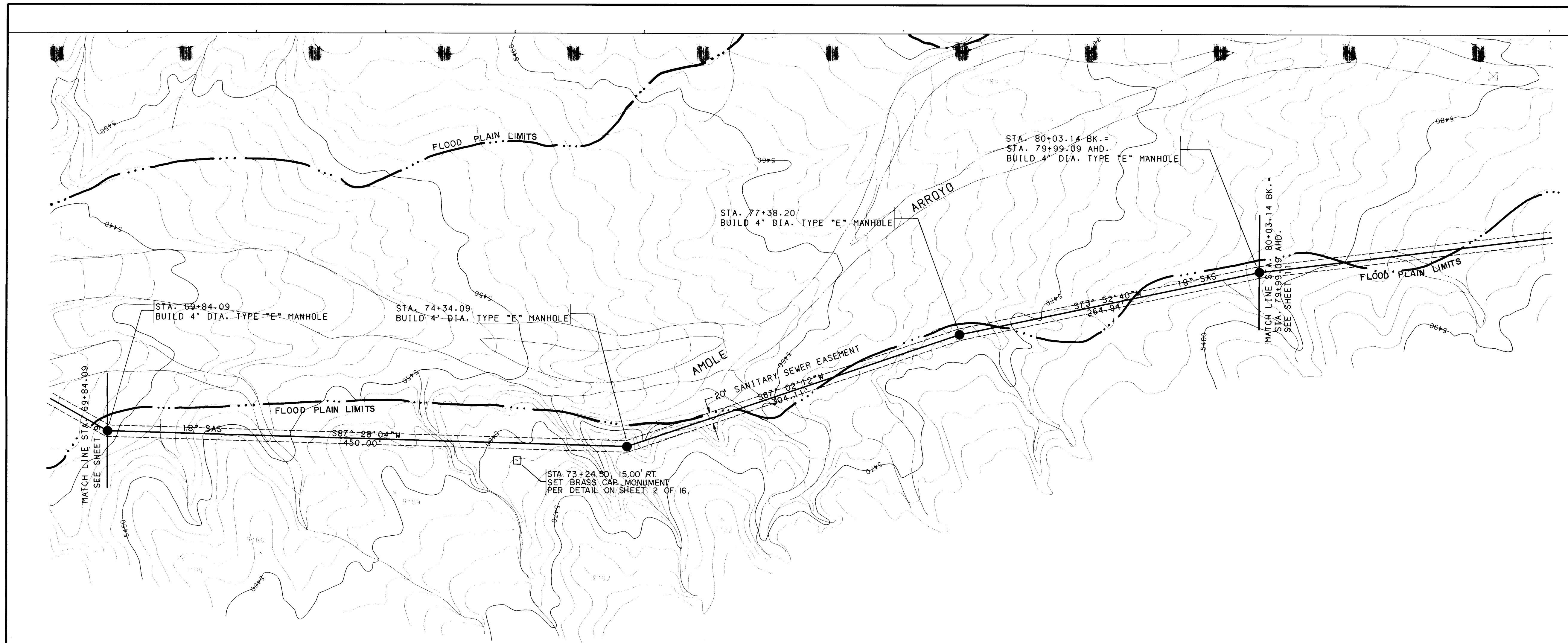


RECORD DRAWING
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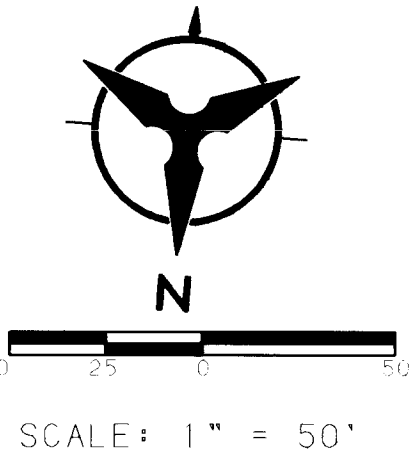
Mark Goodwin, P.E. 8948 Date 11/3/88
Professional Engineer Seal

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	Mark Goodwin	11/3/88	Liquid Waste
ACE Design	Mark Goodwin	11/3/88	Traffic
ACE Hydrology	Mark Goodwin	11/3/88	Water
DESIGNED BY: JT		DATE: 4/88	CHECKED BY: JT
DRAWN BY: SAH		DATE: 4/88	CHECKED BY: JT
REVISIONS		REVISIONS	
NO. DATE		NO. DATE	
1 11/3/88		1 11/3/88	
2 11/3/88		2 11/3/88	
3 11/3/88		3 11/3/88	
4 11/3/88		4 11/3/88	
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97 11/3/88		97 11/3/88	
98 11/3/88		98 11/3/88	
99 11/3/88		99 11/3/88	
100 11/3/88		100 11/3/88	

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



NOTE: CONTOURS SHOWN IN THE PLAN VIEW OF THIS SHEET ARE NOT REPRESENTATIVE OF TRUE VERTICAL FIELD ELEVATION. REFER TO THE PROFILE FOR TRUE ELEVATIONS.



RECORD DRAWING
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Mark Goodwin, P.E. 8948
11/5/88

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

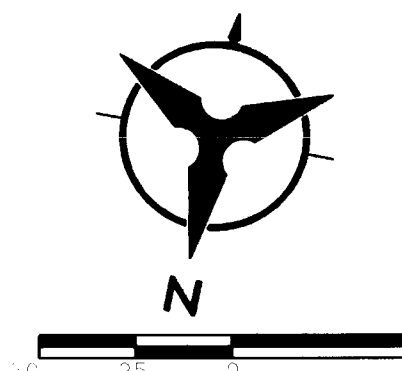
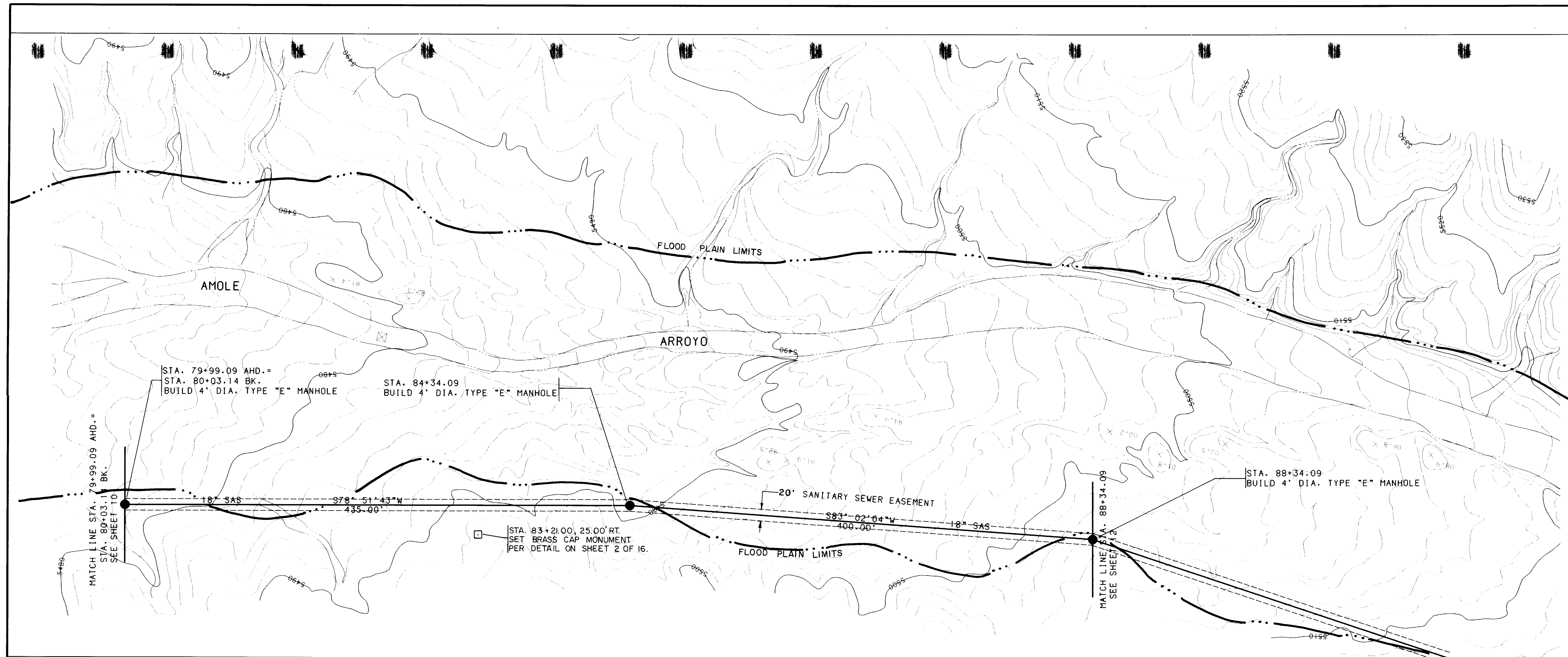
TITLE: TIERRA WEST ESTATES
SANITARY SEWER OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Attila	11/19/88	Liquid Waste	Attila	11/19/88
ACE Design			Traffic		
ACE Hydrology	Reginald	7-88	Water	Reginald	7/19/88

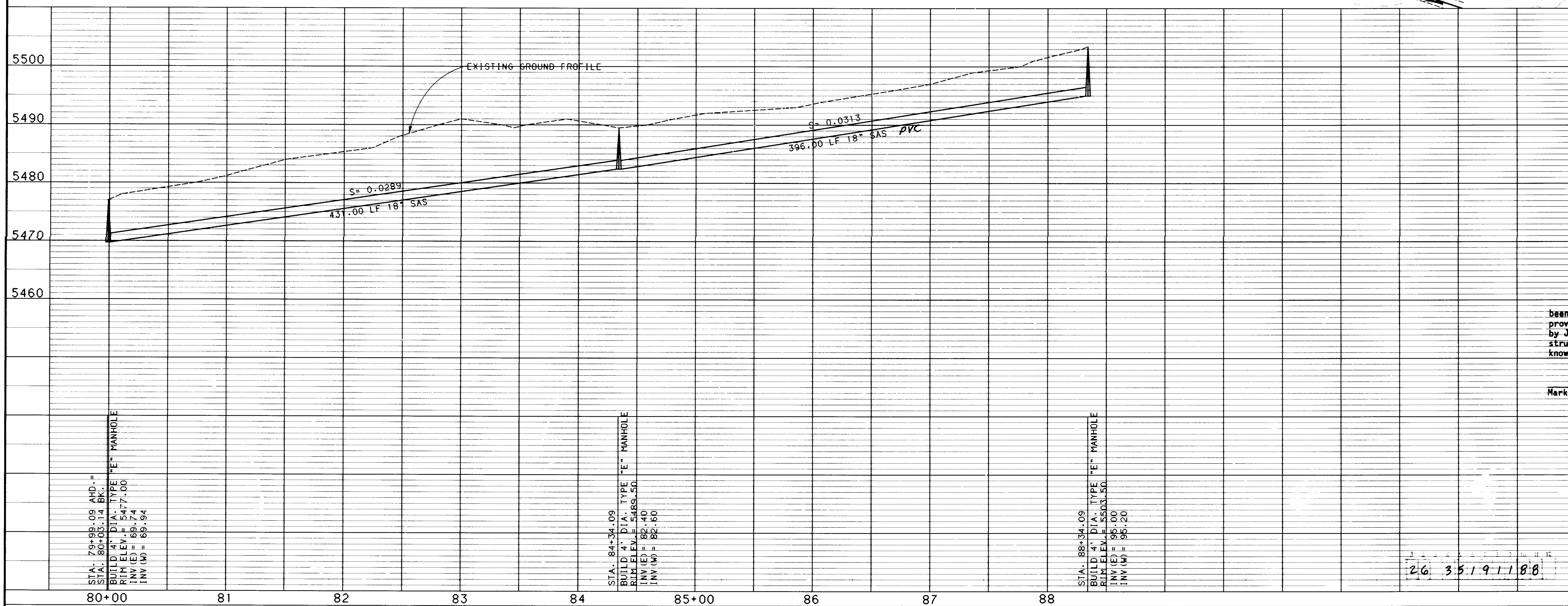
DRAWING NO. 3519 MAP NO. SHEET 10 OF 16

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		MICRO-FILM INFORMATION	
CONTRACTOR	Jones Industries			FIELD NOTES	DATE			NO.	DATE		
WORKED BY	Attila										
INSPECTOR'S	Attila										
ACCEPTANCE BY	Attila										
DATE	11/19/88										
VERIFICATION BY	Attila										
DATE	11/19/88										
RECORDED BY	Attila										
DATE	11/19/88										





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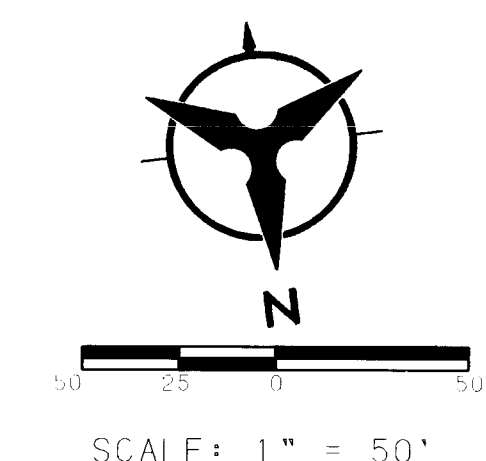
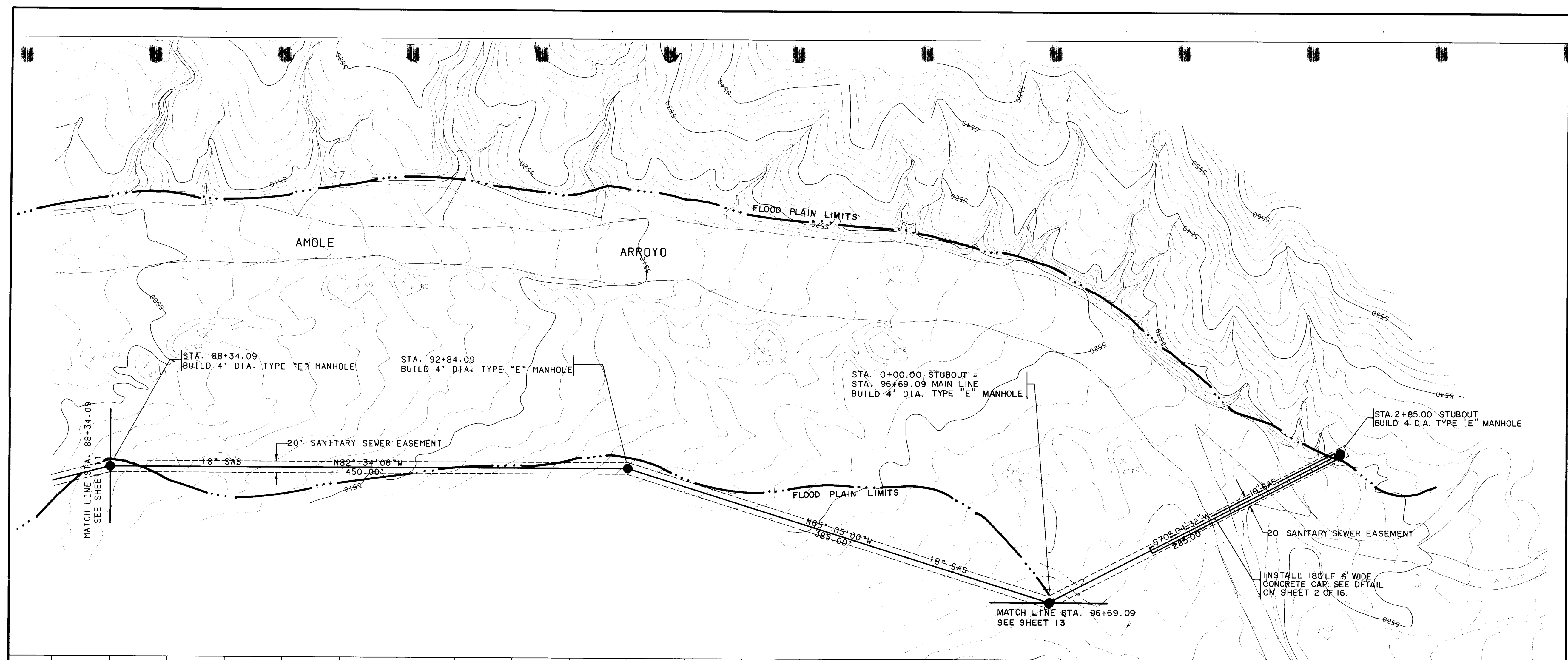
Mark Goodwin, P.E. 8948
4/13/88

RECORD DRAWING

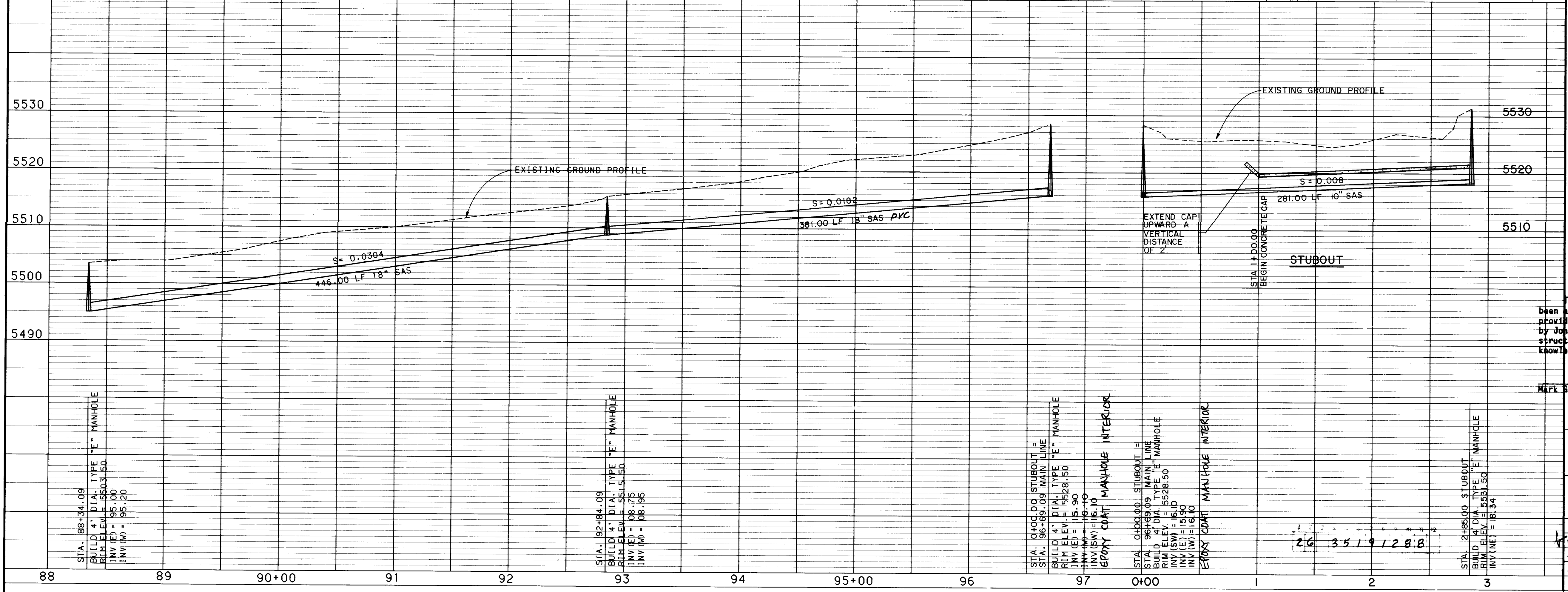
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		FIELD NOTES		REVISIONS		MICRO-FILM INFORMATION	
CONTRACTOR	Jones Industries	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK	Sanitary Sewer	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
INSPECTOR'S	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
ACCEPTANCE BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
VERIFICATION BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
DRAWING	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
RECORDED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	7/10/88		Liquid Waste
ACE Design			Traffic
ACE Hydrology	7/10/88		Water
AMAFCA		Cir Q	7/19/88
DRAWING NO.	3519	MAP NO.	SHEET 11 OF 16



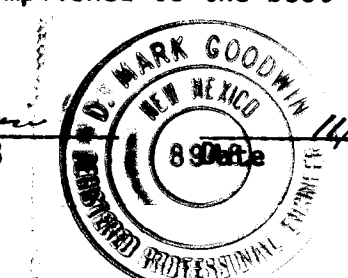
NOTE: CONTOURS SHOWN IN THE PLAN VIEW OF THIS SHEET ARE NOT REPRESENTATIVE OF TRUE VERTICAL FIELD ELEVATION. REFER TO THE PROFILE FOR TRUE ELEVATIONS.



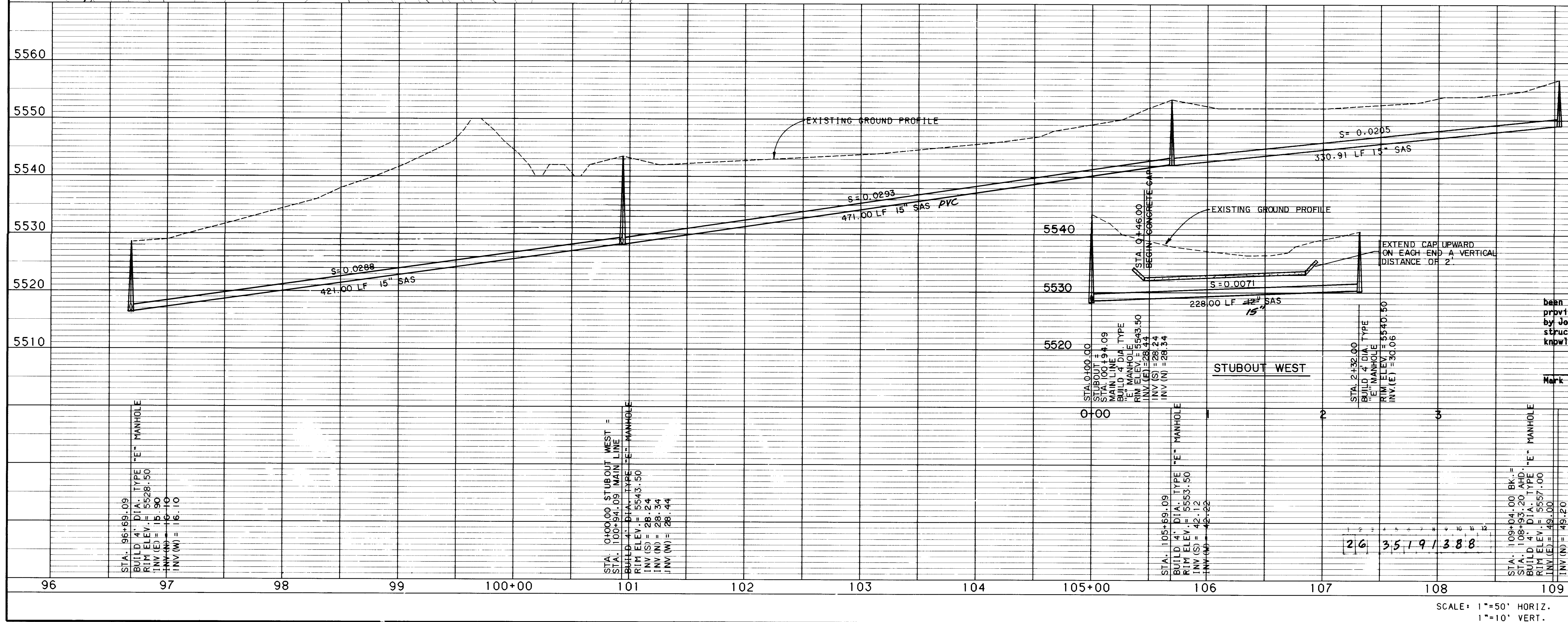
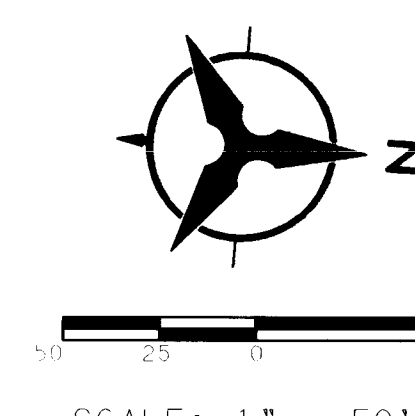
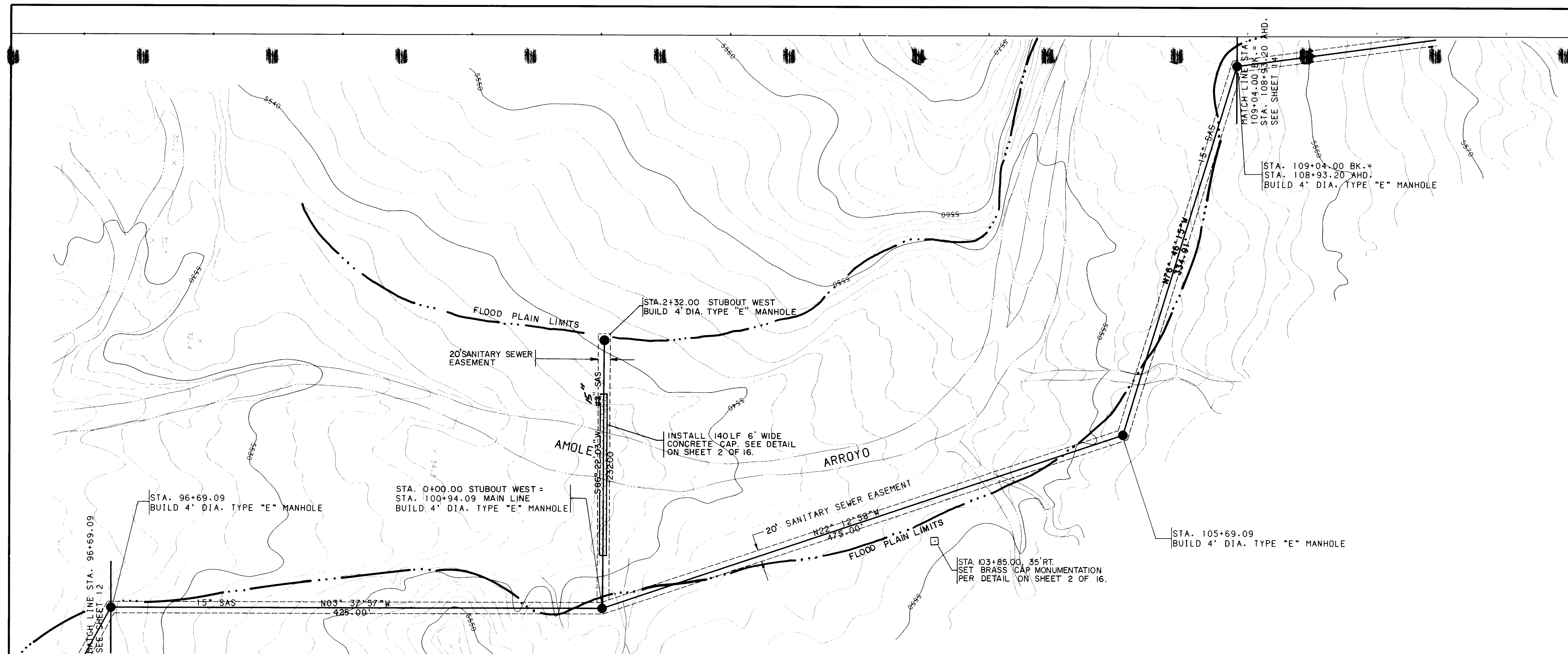
RECORD DRAWING

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Mark Goodwin, P.E. 8948



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/19/88	Liquid Waste	<i>[Signature]</i>	7/19/88
ACE Design	<i>[Signature]</i>	7/19/88	Traffic	<i>[Signature]</i>	7/19/88
ACE Hydrology	<i>[Signature]</i>	7/19/88	Water	<i>[Signature]</i>	7/19/88
			AMAFCA	<i>[Signature]</i>	7/19/88
DRAWING NO. 3519			MAP NO. SHEET 12 OF 16		

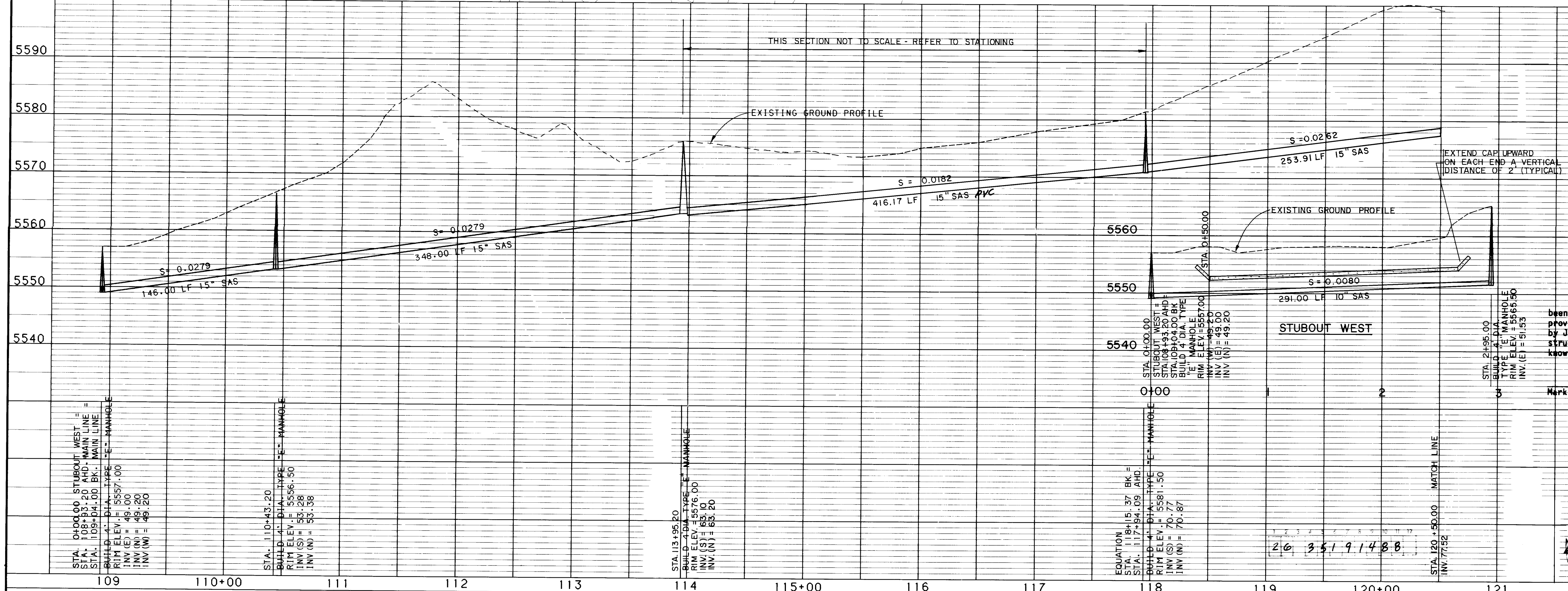
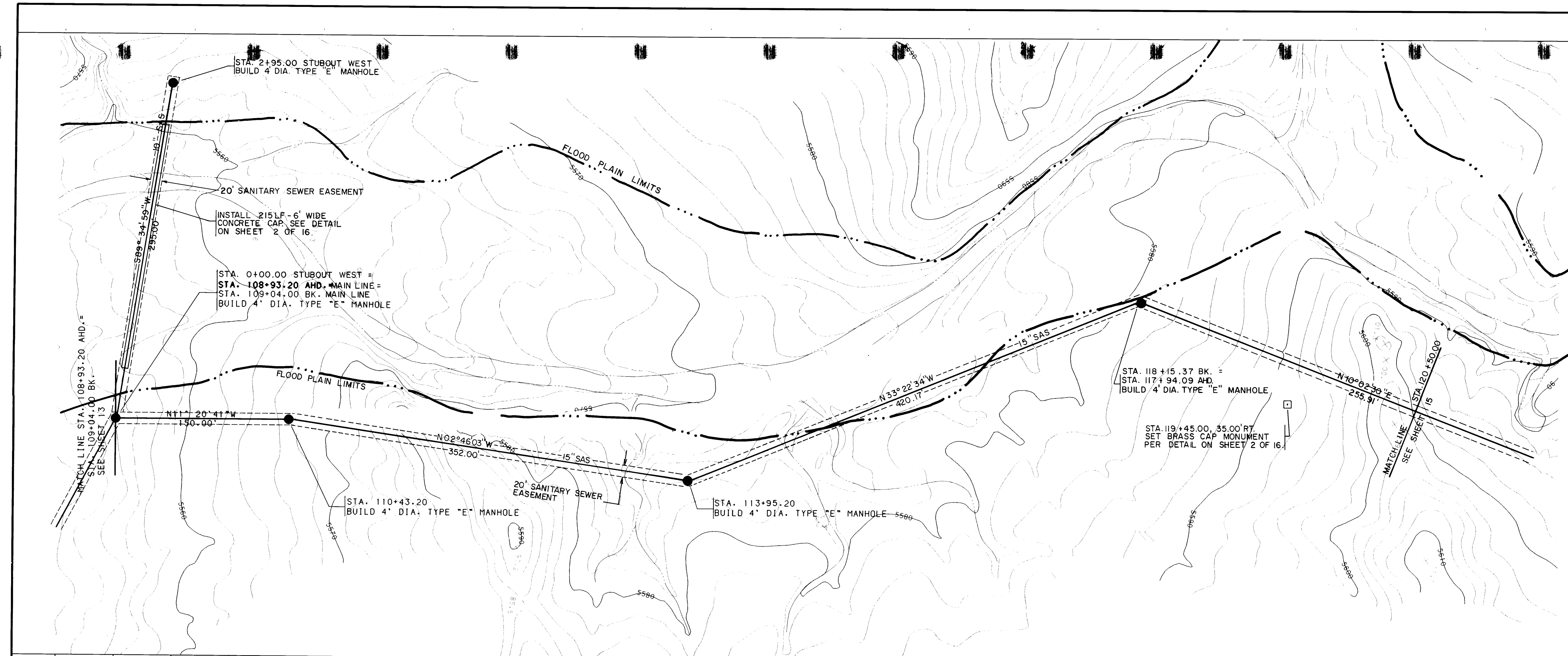


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RECORD DRAWING
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Mark Goodwin, P.E. 8948
Professional Engineer
Date 11/3/88

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	7/19/88	7/19/88	Engineer
ACE Design	7/19/88	7/19/88	Inspector
ACE Hydrology	7/19/88	7/19/88	Field
DRAWING NO. 3519		MAP NO. SHEET 13 OF 16	



AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE
CONTRACTOR: Jones Industries			CONTRACTOR: Jones Industries			CONTRACTOR: Jones Industries			CONTRACTOR: Jones Industries		
INSPECTOR: [Signature]			INSPECTOR: [Signature]			INSPECTOR: [Signature]			INSPECTOR: [Signature]		
ACCEPTANCE BY: [Signature]			ACCEPTANCE BY: [Signature]			ACCEPTANCE BY: [Signature]			ACCEPTANCE BY: [Signature]		
VERIFICATION BY: [Signature]			VERIFICATION BY: [Signature]			VERIFICATION BY: [Signature]			VERIFICATION BY: [Signature]		
DRAWING BY: [Signature]			DRAWING BY: [Signature]			DRAWING BY: [Signature]			DRAWING BY: [Signature]		
DATE: 11/19/88			DATE: 11/19/88			DATE: 11/19/88			DATE: 11/19/88		
MICRO-FILM INFORMATION			MICRO-FILM INFORMATION			MICRO-FILM INFORMATION			MICRO-FILM INFORMATION		
RECORDED BY: [Signature]			RECORDED BY: [Signature]			RECORDED BY: [Signature]			RECORDED BY: [Signature]		
NO.			NO.			NO.			NO.		

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by D. Mark Goodwin and Associates, PA, and by Jones Industries (Contractor) to reflect construction actually accomplished to the best of my knowledge and belief.

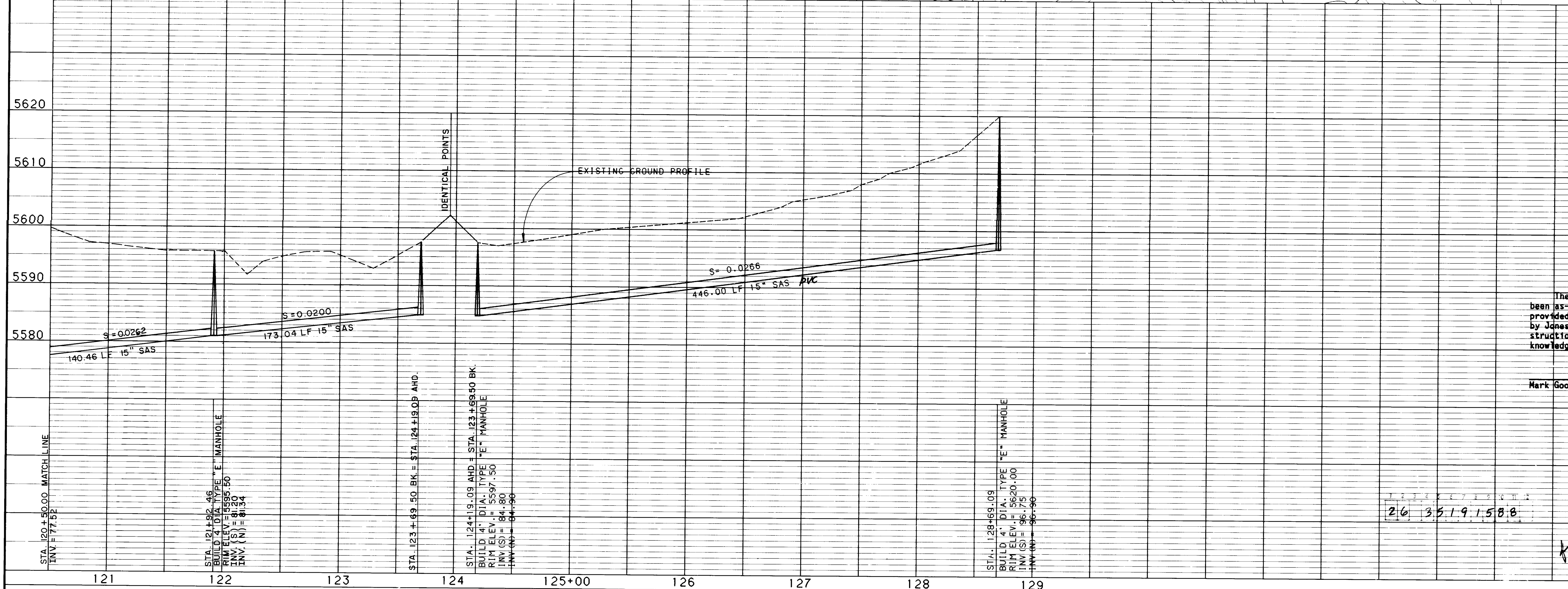
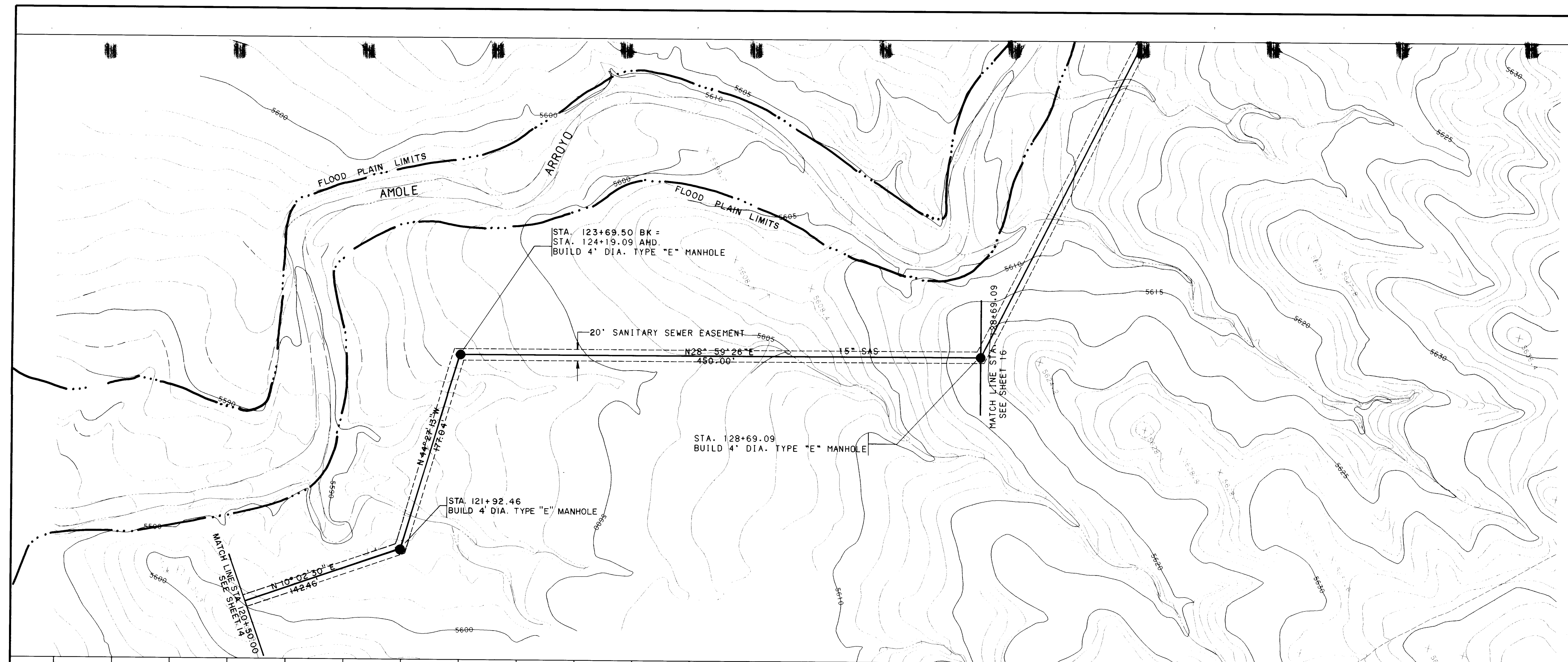
Mark Goodwin, P.E. 8948

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TIERRA WEST ESTATES
SANITARY SEWER OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	7/19/88	Liquid Waste	[Signature]	7/19/88
ACE Design	[Signature]	7/19/88	Traffic	[Signature]	7/19/88
ACE Hydrology	[Signature]	7/19/88	Water	[Signature]	7/19/88

DRAWING NO. 3519 MAP NO. SHEET 14 OF 16



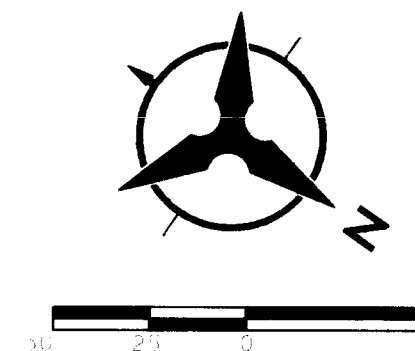
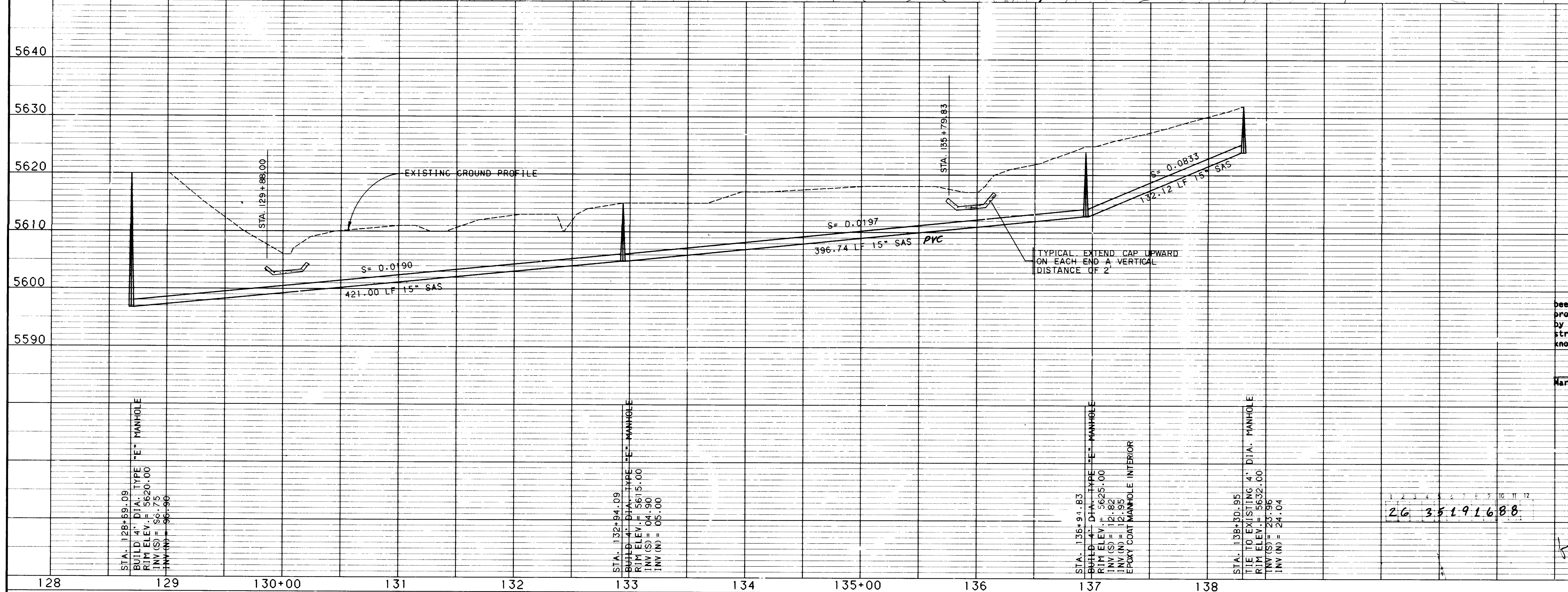
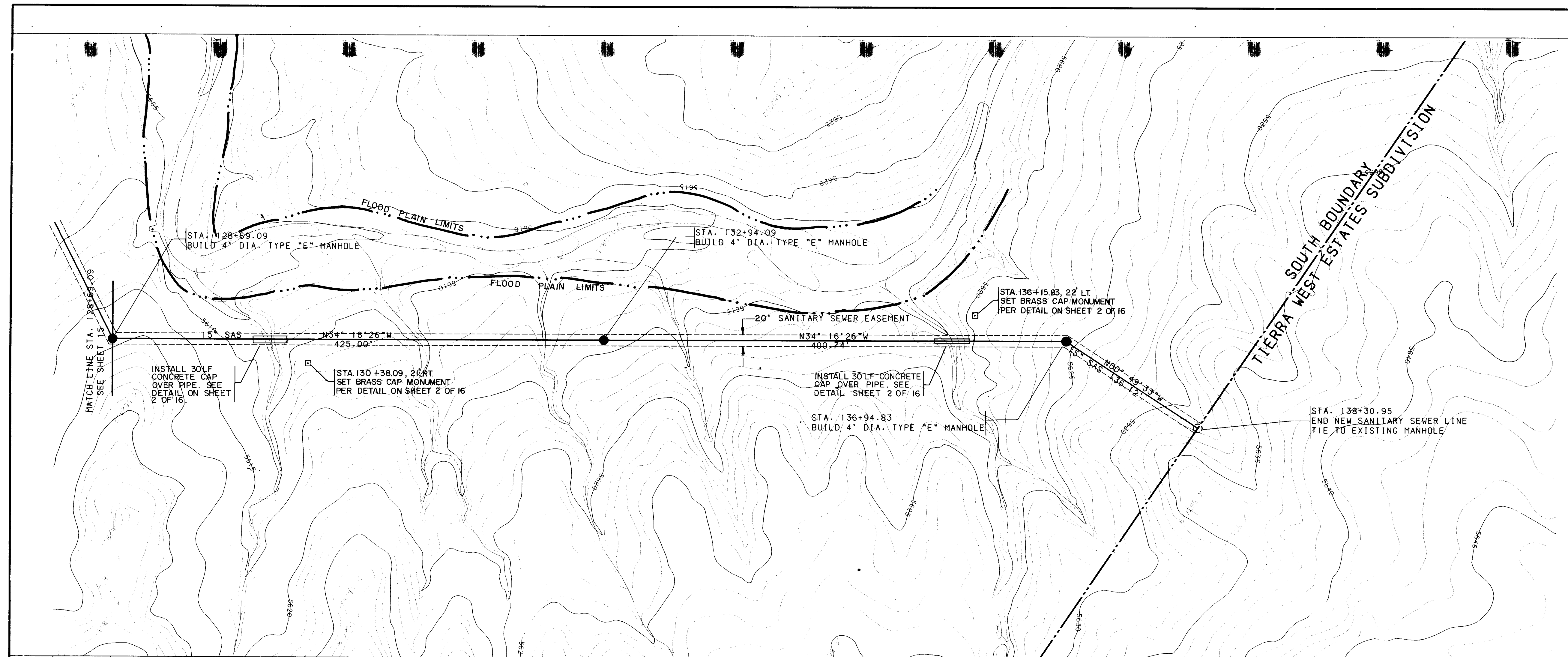
RECORD DRAWING

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Mark Goodwin, P.E. 8948

DATE 7/19/88

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/20/88	Liquid Waste	<i>[Signature]</i>	7/19/88
ACE Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	7/19/88
ACE Hydrology	<i>[Signature]</i>	7/19/88	Water	<i>[Signature]</i>	7/19/88
DRAWING NO. 3519			MAP NO. SHEET 15 OF 16		



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Mark Goodwin, P.E. 8948

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TIERRA WEST ESTATES SANITARY SEWER OUTFALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	7/12/02	7/19/02	Liquid Waste	7/19/02	7/19/02
ACE Design	7/12/02	7/19/02	Traffic	7/19/02	7/19/02
ACE Hydrology	7/12/02	7/19/02	Water	7/19/02	7/19/02
DRAWING NO. 3519			MAP NO. SHEET 16 OF 16		