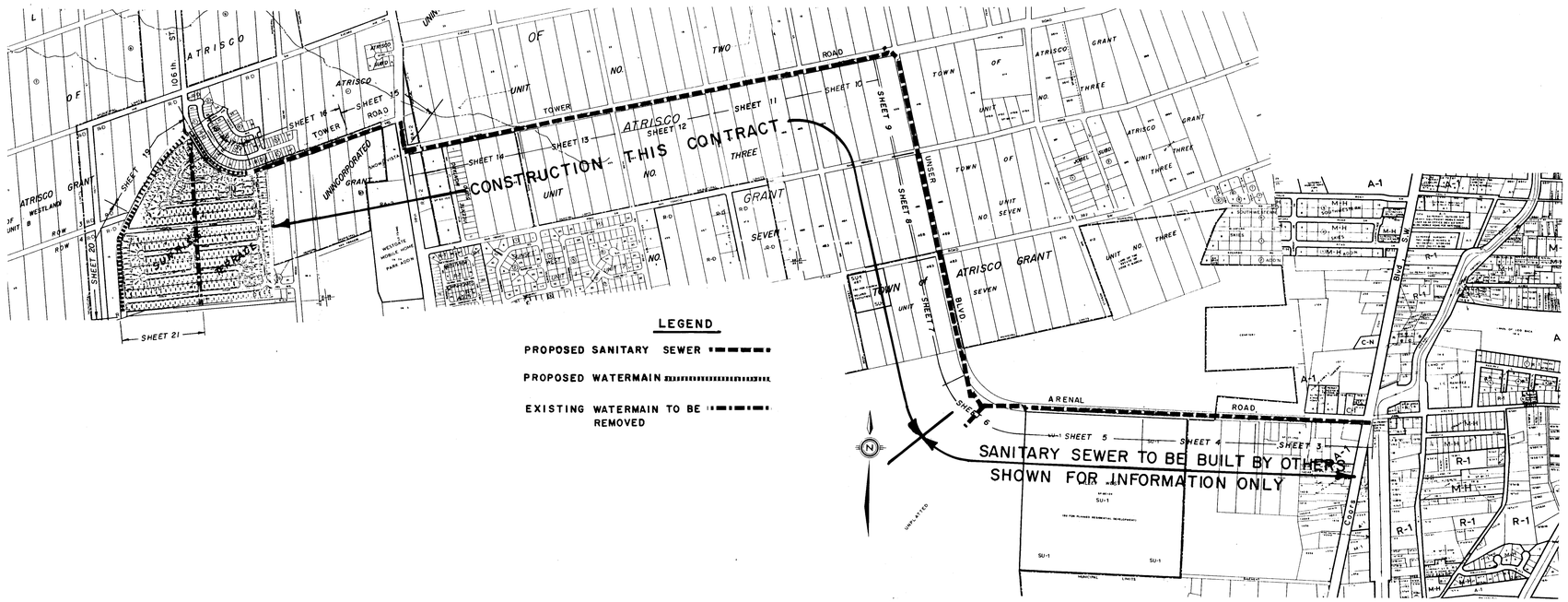
ARENAL / TOWER ROAD SEWER
AND
SUNRISE TERRACE MASTER PLAN WATER

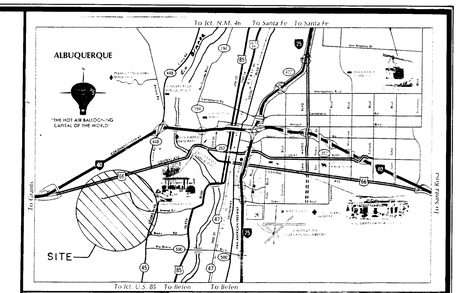


LEGEND

PROPOSED SANITARY SEWER

PROPOSED WATERMAIN

EXISTING WATERMAIN TO BE REMOVED



VICINITY MAP Zone atlas L-8,9,10 M-10,11

GENERAL NOTES:

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 INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. 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.
4. THE CONTRACTOR SHALL FURNISH EMDS ON ALL WATER AND SEWER STUBS, CAPS, AND PLUGS.
5. ALL GATE VALVES SHALL BE RESILIENT SEAT GATE VALVES.
6. ALL PIPE SHALL BE FURNISHED WITH CLASS "C" BEDDING UNLESS OTHERWISE NOTED.
7. ALL WATER VALVES ARE TO BE INSTALLED WITH STANDARD CITY OF ALBUQUERQUE "TYPE B" VALVE BOXES UNLESS THE CONTRACT FOR SUNRISE TERRACE UNIT II COMMENCES WHILE THIS PROJECT IS UNDER CONSTRUCTION. THEN USE TYPE "A" VALVE BOXES
8. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH STD. DRWG. P-25.
9. COUNTY AND CITY EXCAVATION PERMITS ARE REQUIRED ON THIS PROJECT.
10. COUNTY AND CITY BARRICADING PERMITS ARE REQUIRED ON THIS PROJECT.
11. STATE HIGHWAY BORING PERMIT IS REQUIRED ON THIS PROJECT.
12. ALL WATERLINE TEES, FITTINGS, VALVES AND FIRE HYDRANTS SHALL BE BLOCKED ACORDING TO CITY STANDARD DRAWINGS.

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE , VICINITY MAP AND SHEET LOCATION
2	SURVEY CONTROL
3-16	PROPOSED SANITARY SEWER
17-21	PROPOSED WATERMAIN

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
2	6						
1	15,16,17, 18						

APPROVAL OF REVISIONS

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 7-13-88

26 15990188

ENGINEER'S SEAL
MICHAEL J. YOST NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
Michael J. Yost
6/25/86

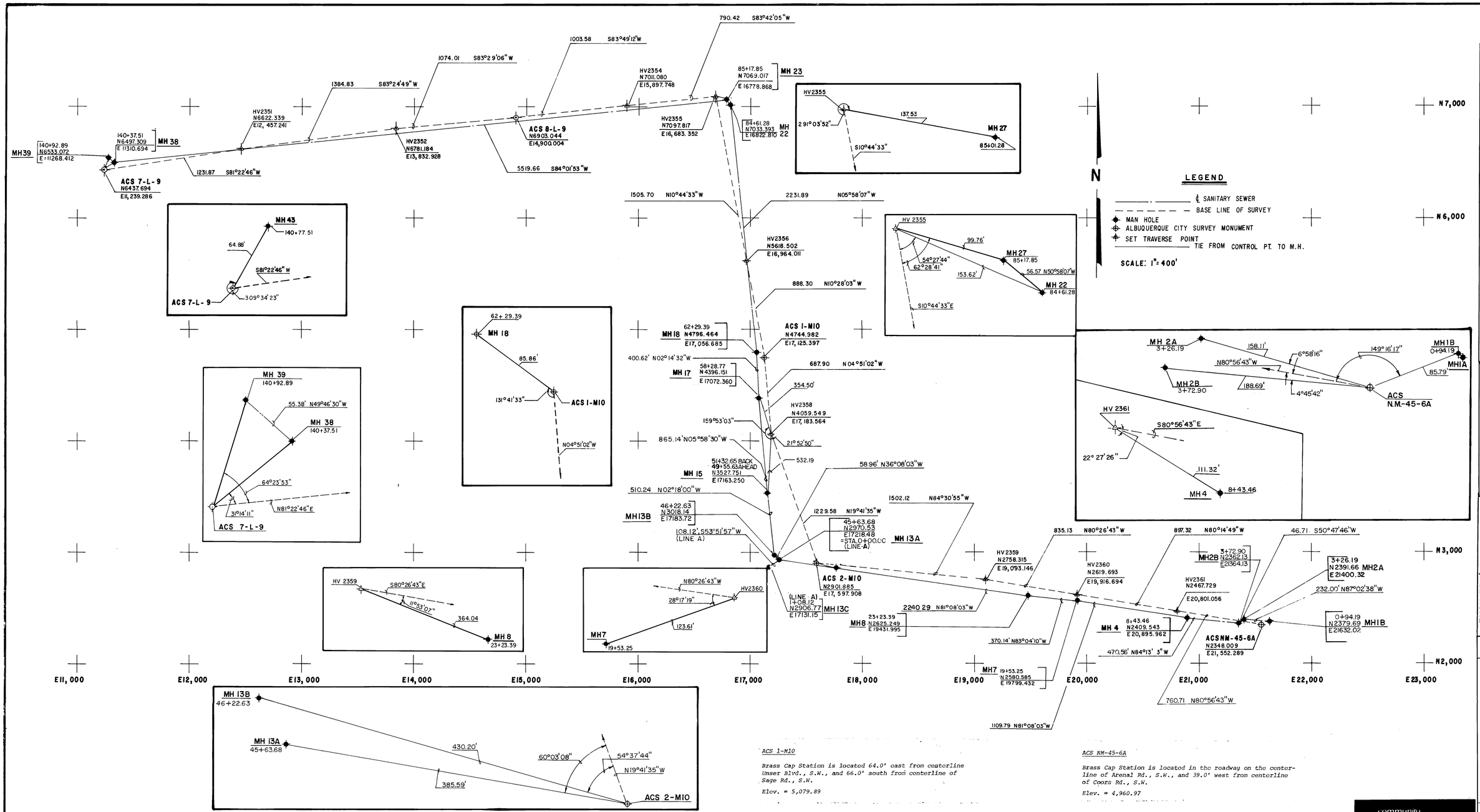
DATE: 6-20-86
SCALE: N/A
DESIGNED: M.J.Y.
DRAWN: W.W. C.S.S.
JOB NO. 73-05-267

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, New Mexico 87048

APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE 11/6/86

PROJECT NO. 1599

SHEET 1 OF 21



ACS 7-L9

Brass Cap Station is located 39.2' west from centerline 98th St., S.W. and 31.0' south from centerline of Tower Rd., S.W.

Elev. = 5,175.70

ACS 8-L9

Brass Cap Station is located approximately 235' east of the centerline of 86th St., S.W., and 34' north centerline Tower Rd., S.W.

Elev. = 5,101.31

ACS 1-M10

Brass Cap Station is located 64.0' east from centerline Unser Blvd., S.W., and 66.0' south from centerline of Sage Rd., S.W.

Elev. = 5,079.89

ACS 2-M10

Brass Cap Station is located 50.0' south from centerline of Arenal Rd., S.W., and approximately 350' east from extension of centerline of Unser Blvd., S.W.

Elev. = 5,031.43

ACS NM-45-6A

Brass Cap Station is located in the roadway on the centerline of Arenal Rd., S.W., and 39.0' west from centerline of Coors Rd., S.W.

Elev. = 4,960.97

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

THIS SHEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

6/25/86

NO	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	KMW	8-80
DRAWN BY	BH	8-80
CHECKED BY	RTW	8-80

community sciences corporation

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER

SURVEY CONTROL

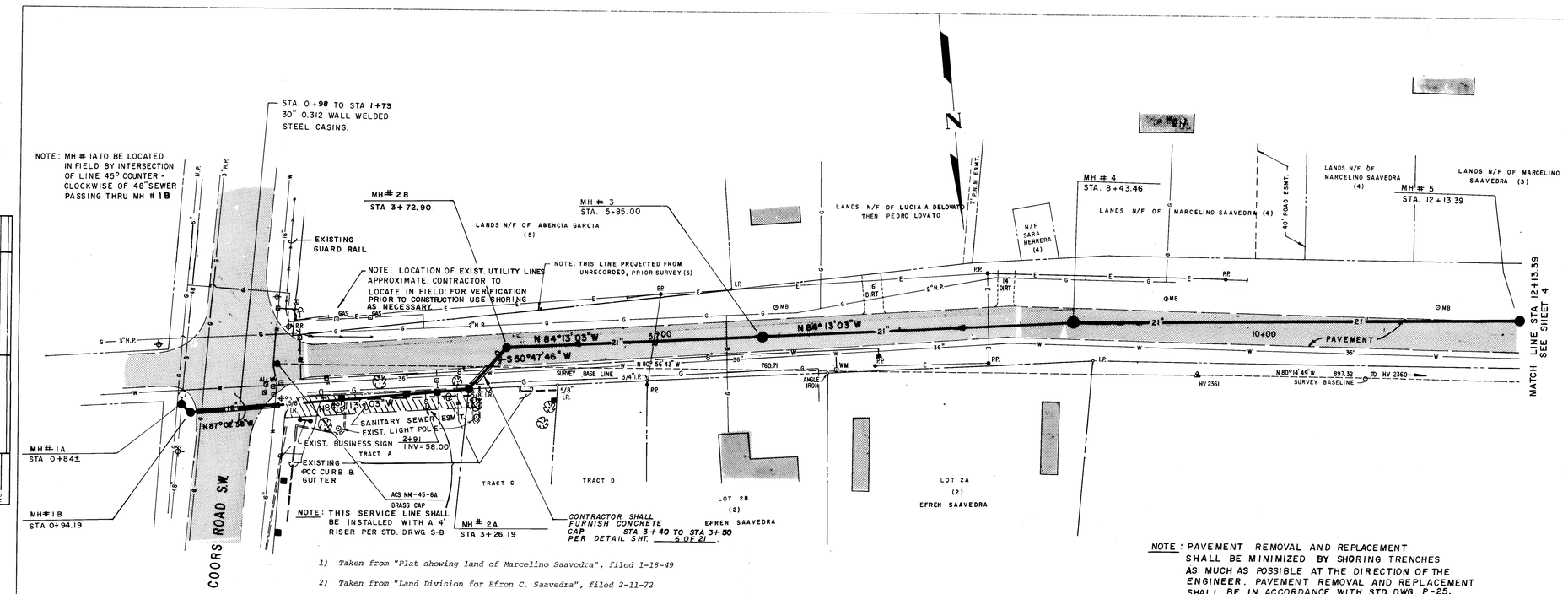
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/10/86	Liquid Waste	N/A	8/15/86
A.C.E.-Design	N/A	10/14/86	Traffic	N/A	
A.C.E.-Hydrology	N/A	"	Water Utilities	N/A	8/15/86
County Road Dept.		8/15/86			

26 15990288

APPROVED FOR CONSTRUCTION

CITY ENGINEER — DATE

DRAWING NO.	MAP NO.	SHEET	OF
1599	L-8	2	21

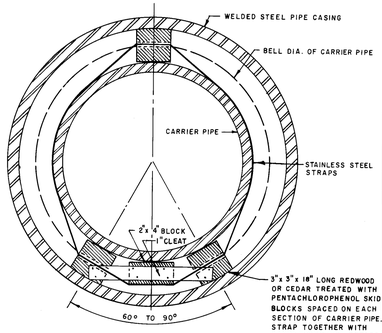


NOTE: TRAFFIC CONTROL PLAN FOR CONSTRUCTION AT THIS INTERSECTION SHALL INCLUDE TEMPORARY TRAFFIC LIGHT SIGNALS AT THE DIRECTION OF THE COUNTY ROAD DEPARTMENT.

1) Taken from "Plat showing land of Marcelino Saavedra", filed 1-18-49
2) Taken from "Land Division for Efren C. Saavedra", filed 2-11-72
3) Projected from Plat (see note 4, below)
4) Taken from Land Division plat for Marcelino & Florentina Saavedra, filed 3-23-77
5) Taken from result of survey plat prepared by Pete Sandoval, N.M.L.S. No. 240 (unrecorded). Surveyed on 3-24-59

NOTE: PAVEMENT REMOVAL AND REPLACEMENT SHALL BE MINIMIZED BY SHORING TRENCHES AS MUCH AS POSSIBLE AT THE DIRECTION OF THE ENGINEER. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH STD. DWG. P-25.

SANITARY SEWER EASEMENT
EXISTING TREES
UNDERGROUND SPRINKLER BOXES
Existing Power Line
Existing Sewer w/ size
Existing Water w/ size
Existing Gas w/ size
Found survey point
Set Traverse point
Albuquerque City Survey monument
Power/Telephone pole w/ guy wire
Light standard at intersection
Gas valve
Traffic control box
Existing Fire Hydrant
Water valve/motor
Dwelling & Existing asphalt pvmt.
Traffic Signal Poles



(STA 0+98 TO STA 1+78)
TYPICAL SECTION
BORING INSTALLATION
(SEE DWG. W-6)

ARENAL RD. S.W.

SHOWN FOR INFORMATION ONLY - NOT A PART OF THIS CONTRACT

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

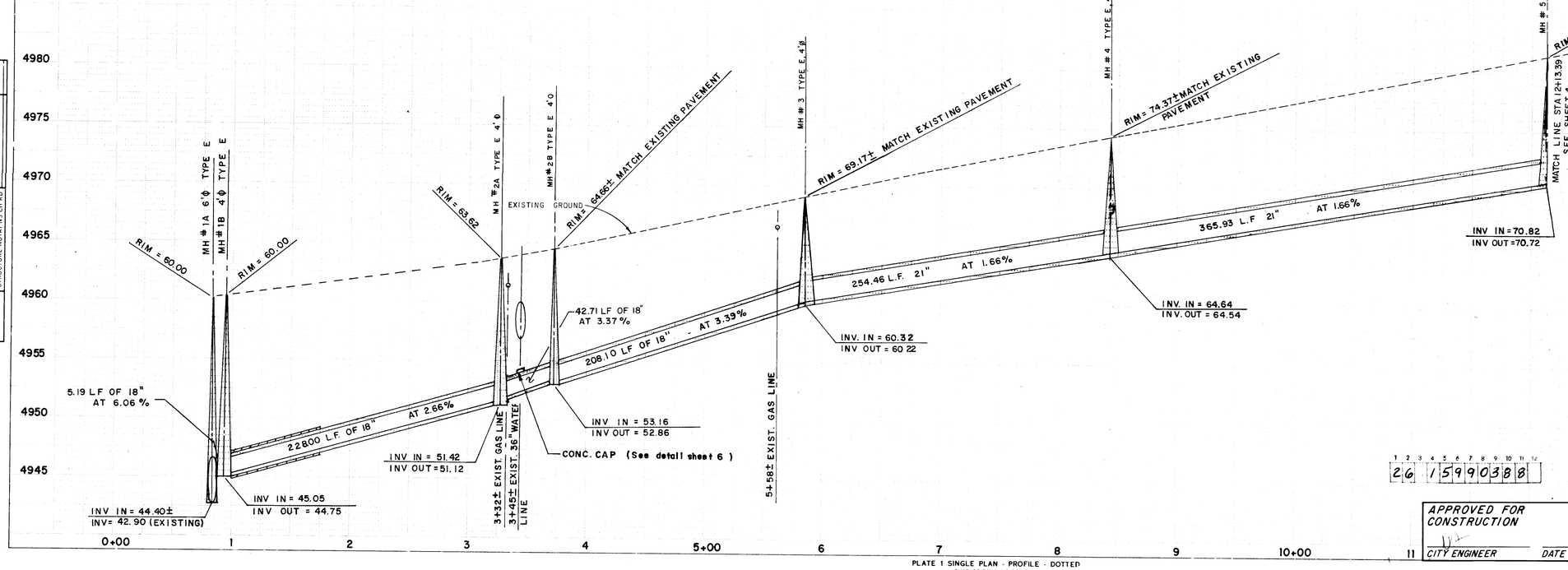


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

PLAN	BY	DATE
SURVEYED		
PLOTTED		
RIGHT OF WAY CHECKED		
RIGHT OF WAY CHECKED		
NOTE BOOK		
NO		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
GRADES CHECKED		
S.I.M. NOTED		
STRUCTURE NOTATNS CH'KD		
NOTE BOOK		
NO		

AS BUILT INFORMATION
CONTRACTOR
STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
COMPUTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	KMW	8-80
DRAWN BY	RDQ	8-80
CHECKED BY	RTW	8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

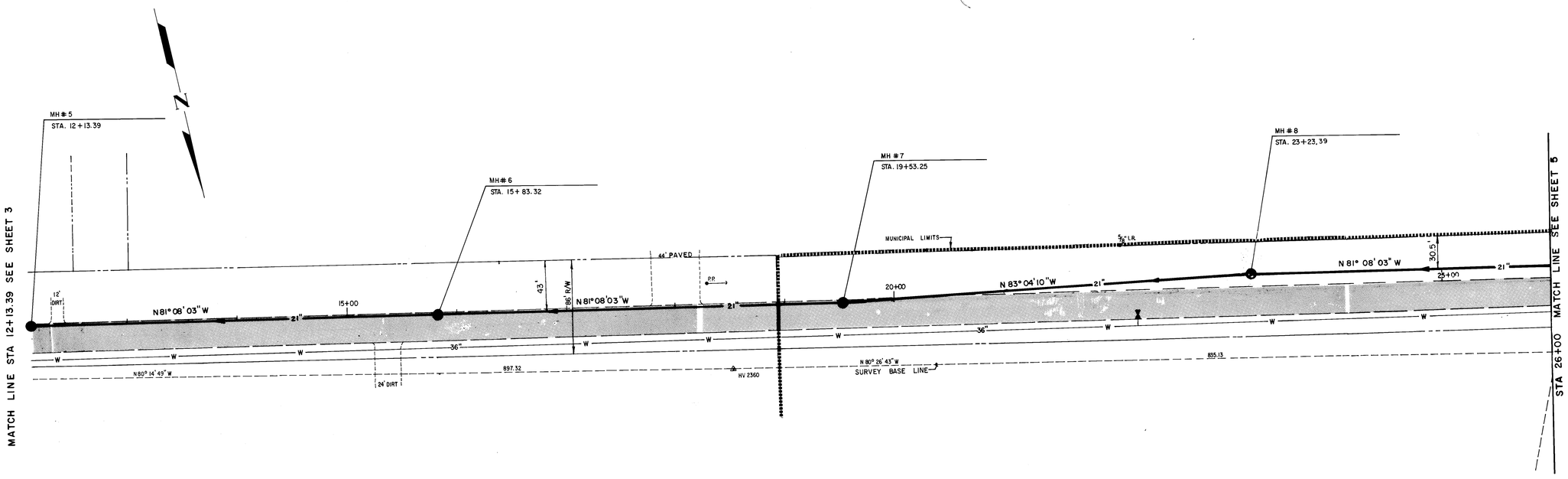
TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
STA. 0+80 — STA. 12+13.39 (MH # 1A - MH # 5)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		11/8/86	Liquid Waste	N/A W/W	8/15/86
A.C.E.- Design	N/A RWH	10/27/86	Traffic	N/A	
A.C.E.- Hydrology	N/A RWH	" "	Water Utilities	N/A W/W	8/15/86
County Rd. Dept					

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE

DRAWING NO.	MAP NO.	SHEET	OF
1599	M-11	3	21

1599 0388



ARENAL ROAD S.W.

SHOWN FOR INFORMATION ONLY - NOT A PART OF THIS CONTRACT

SCALE : 1" = 50' H.
1" = 5' V.

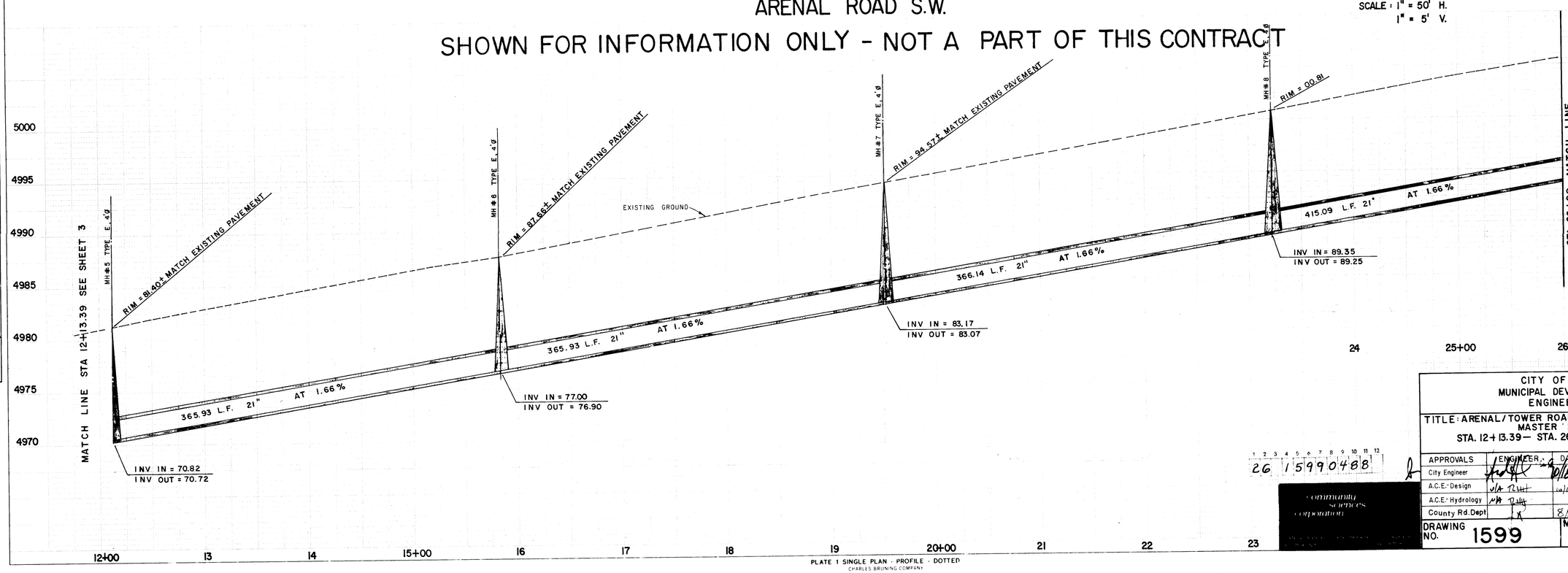


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NOTE BOOK		
NO		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
R/W NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK		
NO		

SEE SHEET 5

BENCH MARKS

SEE SHEET 2

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

AS BUILT INFORMATION

CONTRACTOR	
STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEERS SEAL

Michael J. Chaat
6/25/86

NO	DATE	REMARKS	BY

REVISIONS

DESIGN		DATE
DESIGNED BY	KMW	8-80
DRAWN BY	KCW	8-80
CHECKED BY	RTW	8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

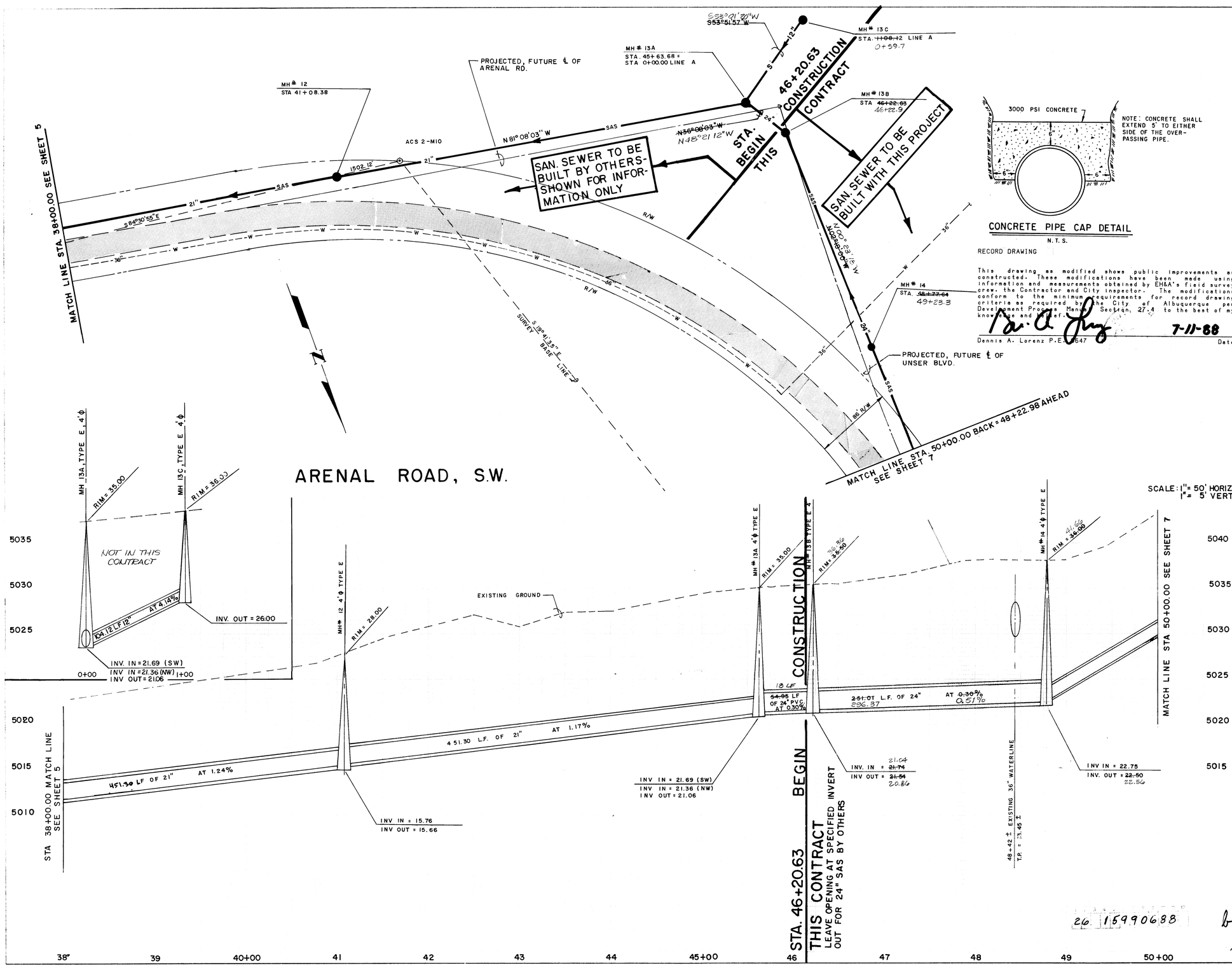
TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 12+13.39 — STA. 26+17.59 (MH # 5 — MH # 8)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/18/86	Liquid Waste	N/A W/W	8/15/86
A.C.E.-Design	N/A RWT	10/21/86	Traffic	N/A DWH	
A.C.E.-Hydrology	N/A		Water Utilities	N/A W/W	8/15/86
County Rd. Dept		8/15/86			

26 1599 0488

community services corporation

DRAWING NO.	MAP NO.	SHEET	OF
1599	M-11	4	21



NOTE: CONCRETE SHALL EXTEND 5' TO EITHER SIDE OF THE OVER-PASSING PIPE.

CONCRETE PIPE CAP DETAIL

N.T.S.

RECORD DRAWING

This drawing, as modified, shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section, 27.4 to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 5647 — 7-11-88 Date

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

AS BUILT INFORMATION
COM
EH&A
EH&A DATE 1/87
EH&A DATE 1/88
MICROFILM INFORMATION

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
NO. FIELD NOTES BY DATE

ENGINEER'S SEAL
Michael J. Chavez
6/25/86

NO.	DATE	REMARKS	BY
1	7/86	12" SEWER STUB	MJV

REVISIONS

DESIGN — DATE
DESIGNED BY — DATE
DRAWN BY — DATE
REVIEWED BY — DATE

[redacted]

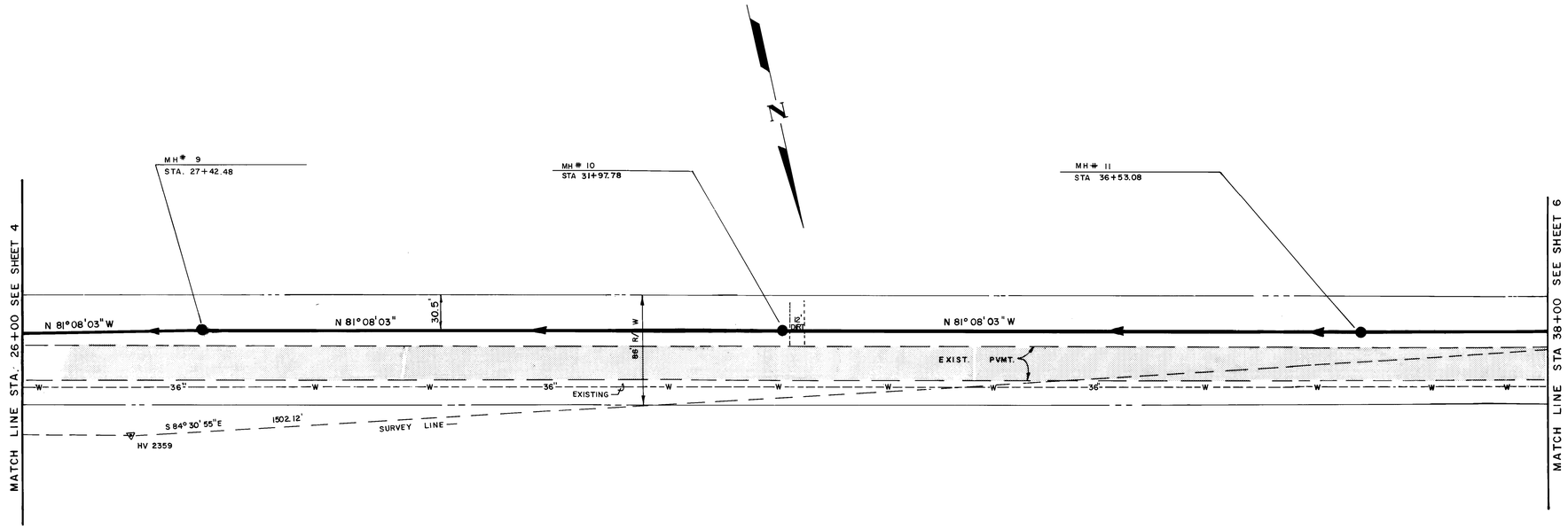
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
STA. 38+00.00 – STA. 50+00.00 BACK, STA 48+22.98 AHEAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/20/86	Liquid Waste		8/15/86
A.C.E. - Design		10/15/86	Traffic		
A.C.E. - Hydrology		8/15/86	Water Utilities		8/15/86
County Rd. Dept.					

26 15990688

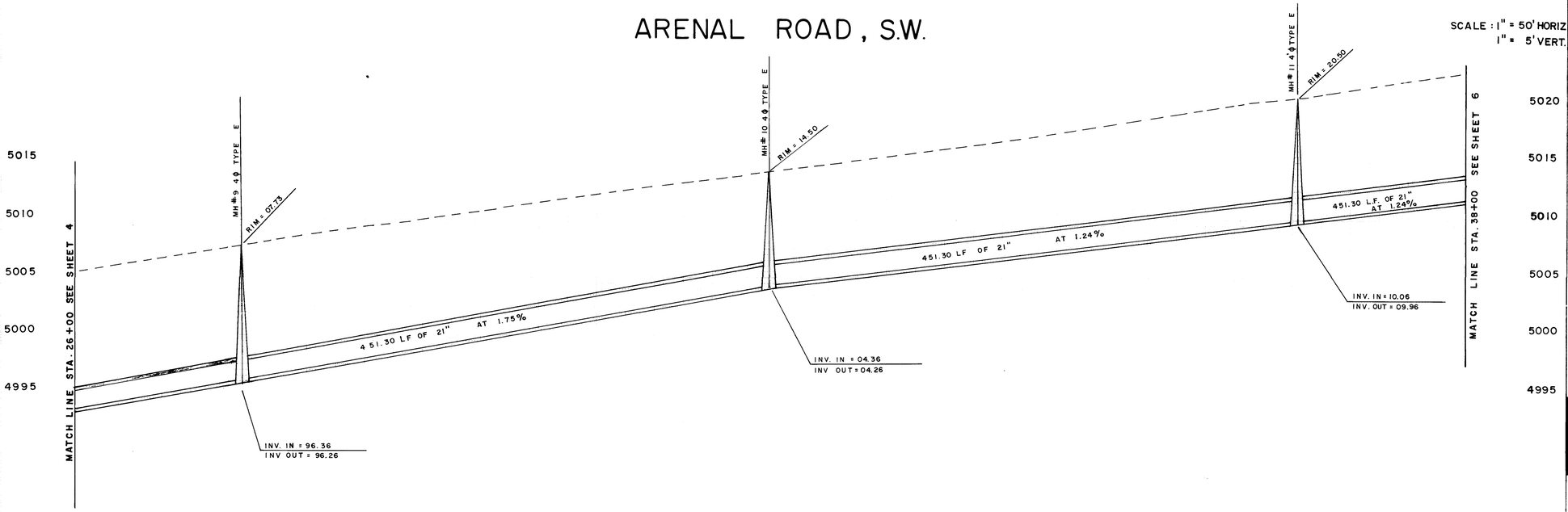
DRAWING NO.	MAP NO.	SHEET	OF
1599	M-10	6	21



SHOWN FOR INFORMATION ONLY - NOT A PART OF THIS CONTRACT

ARENAL ROAD, S.W.

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



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

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	8/8/86	Liquid Waste	N/A W/W	8/15/86
A C E - Design	N/A	10/13/86	Traffic	" "	" "
A C E - Hydrology	N/A	"	Water Utilities	N/A W/W	8/15/86
County Rd. Dept.	JK	8/15/86			

DRAWING NO 1599 | MAP NO. M-10 | SHEET 5 OF 21

AS BUILT INFORMATION

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION

ENGINEER'S SEAL

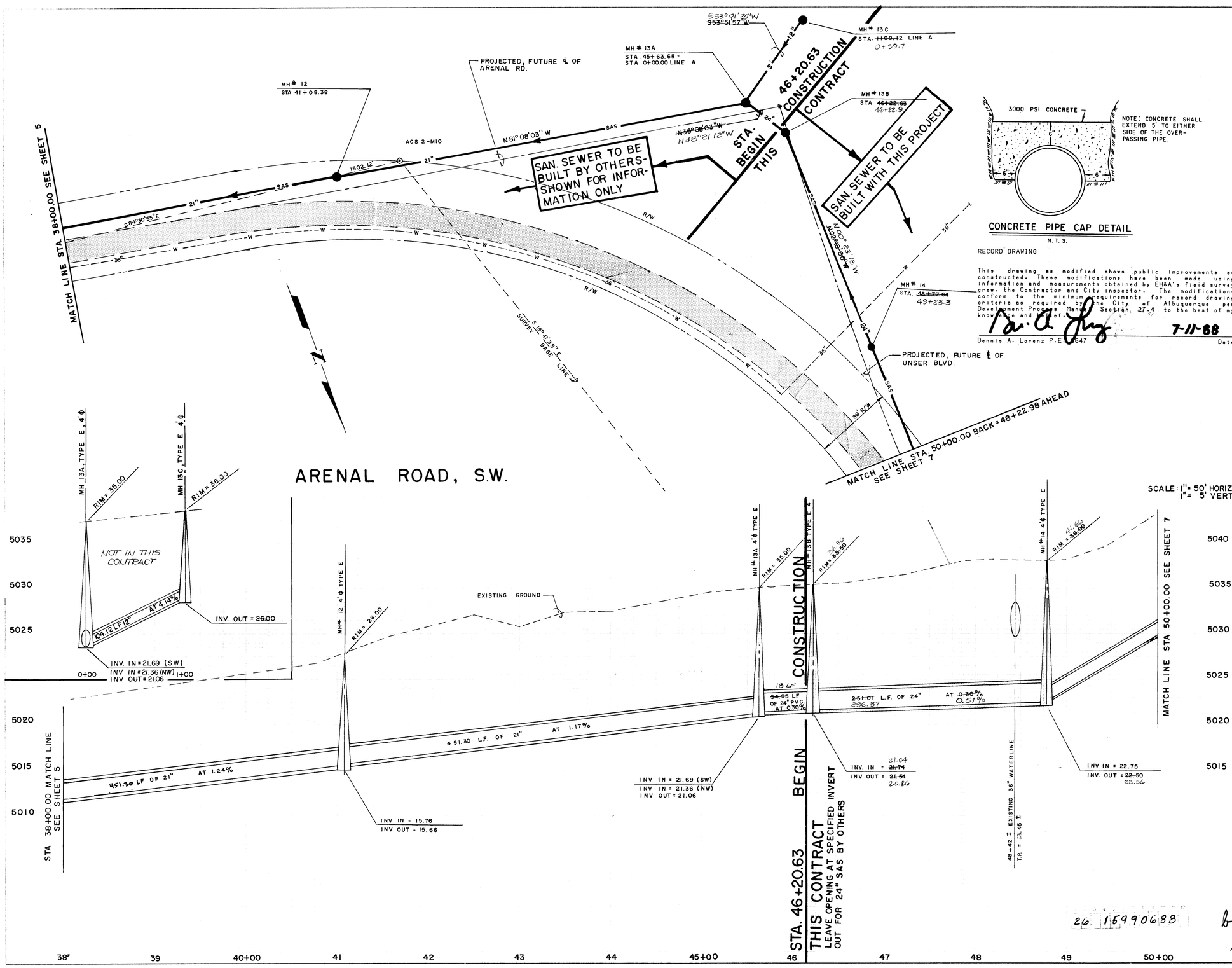
Michael J. Gallagher
6/25/86

NO	DATE	REMARKS	BY	DATE
		REVISIONS		
		DESIGN	M.J.Y.	6-86
		DRAWN	W.V.W.	6-86
		REVIEWED	K.M.W.	6-86

Community Services Corporation

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 26+00 - STA 38+00 (MH # 9 - 38+00.00)



NOTE: CONCRETE SHALL EXTEND 5' TO EITHER SIDE OF THE OVER-PASSING PIPE.

CONCRETE PIPE CAP DETAIL

N.T.S.

RECORD DRAWING

This drawing, as modified, shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section, 27.4 to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 5647 — 7-11-88 Date

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

AS BUILT INFORMATION
COM
EH&A
EH&A DATE 1/87
EH&A DATE 1/88
MICROFILM INFORMATION

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
NO. FIELD NOTES BY DATE

ENGINEER'S SEAL
Michael J. Chavez
6/25/86

NO.	DATE	REMARKS	BY
1	7/86	12" SEWER STUB	MJV

REVISIONS

DESIGN — DATE
DESIGNED BY — DATE
DRAWN BY — DATE
REVIEWED BY — DATE

[redacted]

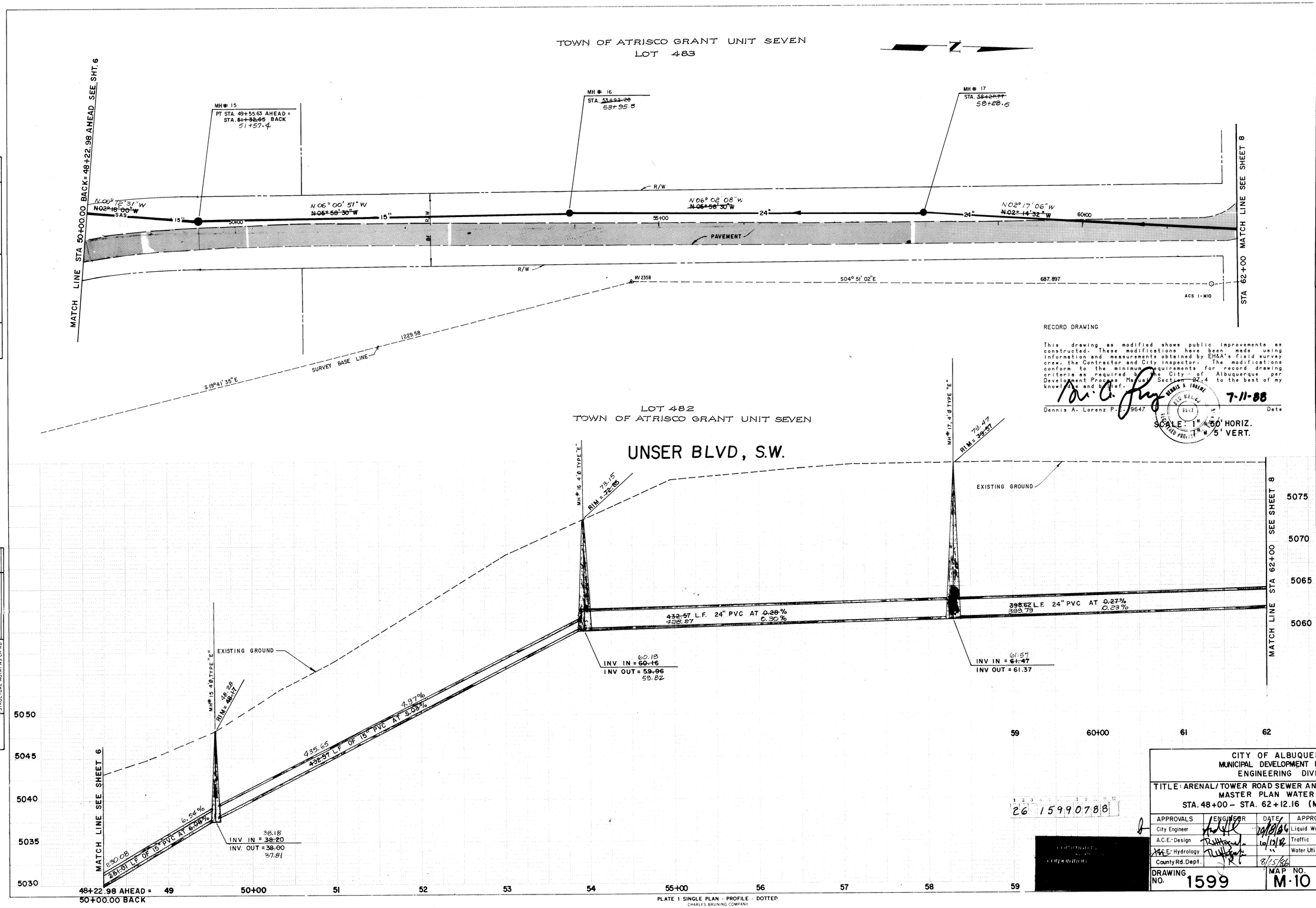
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
STA. 38+00.00 – STA. 50+00.00 BACK, STA 48+22.98 AHEAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/20/86	Liquid Waste		8/15/86
A.C.E. - Design		10/15/86	Traffic		
A.C.E. - Hydrology		8/15/86	Water Utilities		8/15/86
County Rd. Dept.					

26 15990688

DRAWING NO.	MAP NO.	SHEET	OF
1599	M-10	6	21



PLAN
SURVEYED
PLOTTED
CALCULATED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CH'KD
NOTE BOOK
NO.
BY
DATE

AS BUILT INFORMATION
CONTRACTOR CCM
WORK STAKED BY EHAA DATE 1 '87
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY EHAA DATE 1 '87
DRAWINGS CORRECTED BY EHAA DATE 8 88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

SEAL

ENGINEER'S SEAL
Michael J. Grant
6/25/86

NO	DATE	REMARKS	BY

REVISIONS

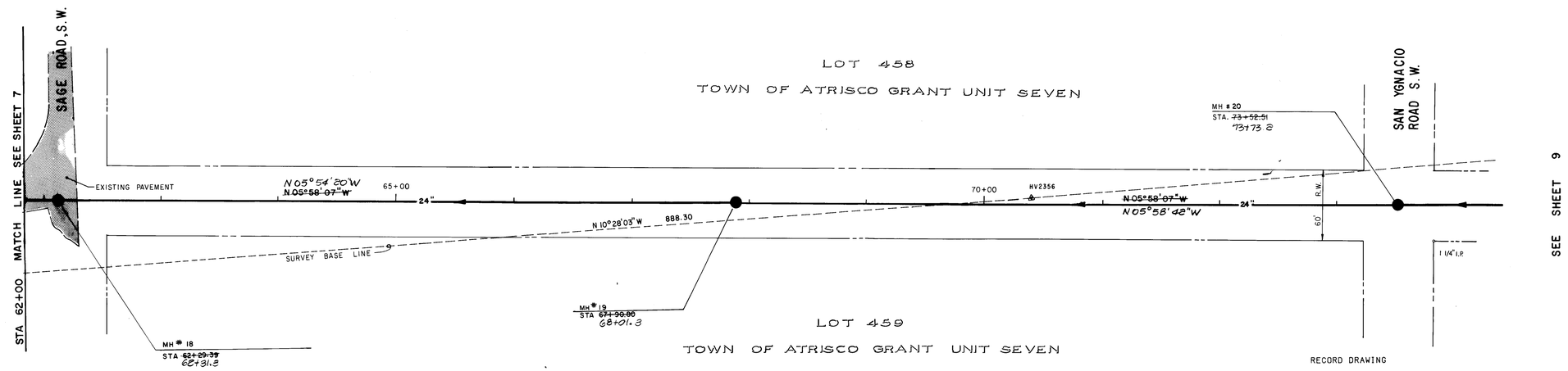
		DATE
DESIGNED BY	KMW	8-80
DRAWN BY	KCW MKS	8-80
CHECKED BY	RTW	8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 48+00 – STA. 62+12.16 (MH # 15 – MH # 17)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/8/86	Liquid Waste		8/15/86
A.C.E.-Design		10/13/86	Traffic		
A.C.E.-Hydrology			Water Utilities		8/15/86
County Rd. Dept.		8/15/86			

DRAWING NO. 1599
MAP NO. M-10
SHEET 7 OF 21



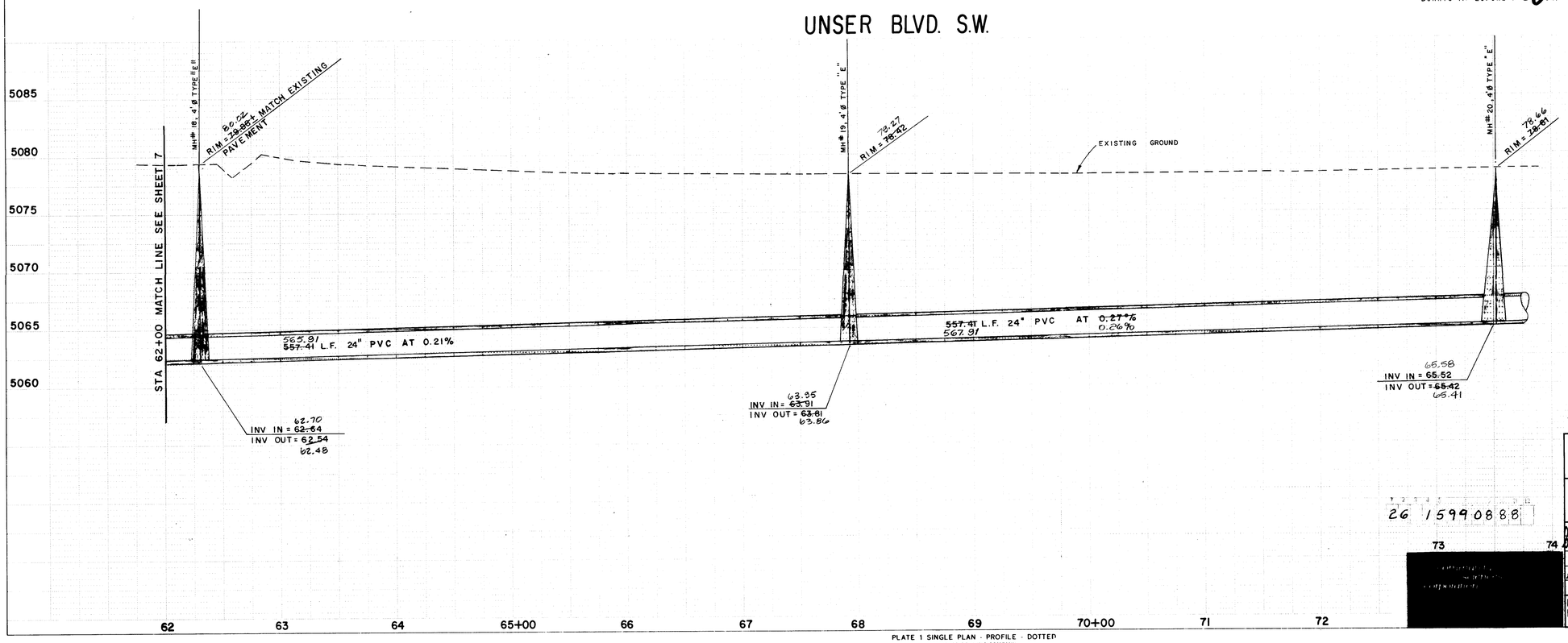
RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHAA's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section 2. To the best of my knowledge and belief.

Dennis A. Lorenz P.E. 5647 — Date 9-4-88

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER DENNIS A. LORENZ 5647

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



26 15990888

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
NOTE BOOK	RT OF WAY CHECKED		
NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
NOTE BOOK	B.M. NOTED		
NO.	STRUCTURE NOTATNS CH'KD		

AS BUILT INFORMATION		
CONTRACTOR	CSM	DATE '87
WORK STAKED BY	EHAA	DATE
INSPECTION & ACCEPTANCE BY	EHAA	DATE '87
FIELD VERIFICATION BY	EHAA	DATE '88
DRAWINGS CORRECTED BY	MICRO-FILM INFORMATION	
RECORDED BY		DATE
NO.		

BENCH MARKS: SEE SHEET 2

SURVEY INFORMATION — FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGN		DATE
DESIGNED BY	KMW	8-80
DRAWN BY	MKS & WW	8-80
CHECKED BY	RTW	8-80

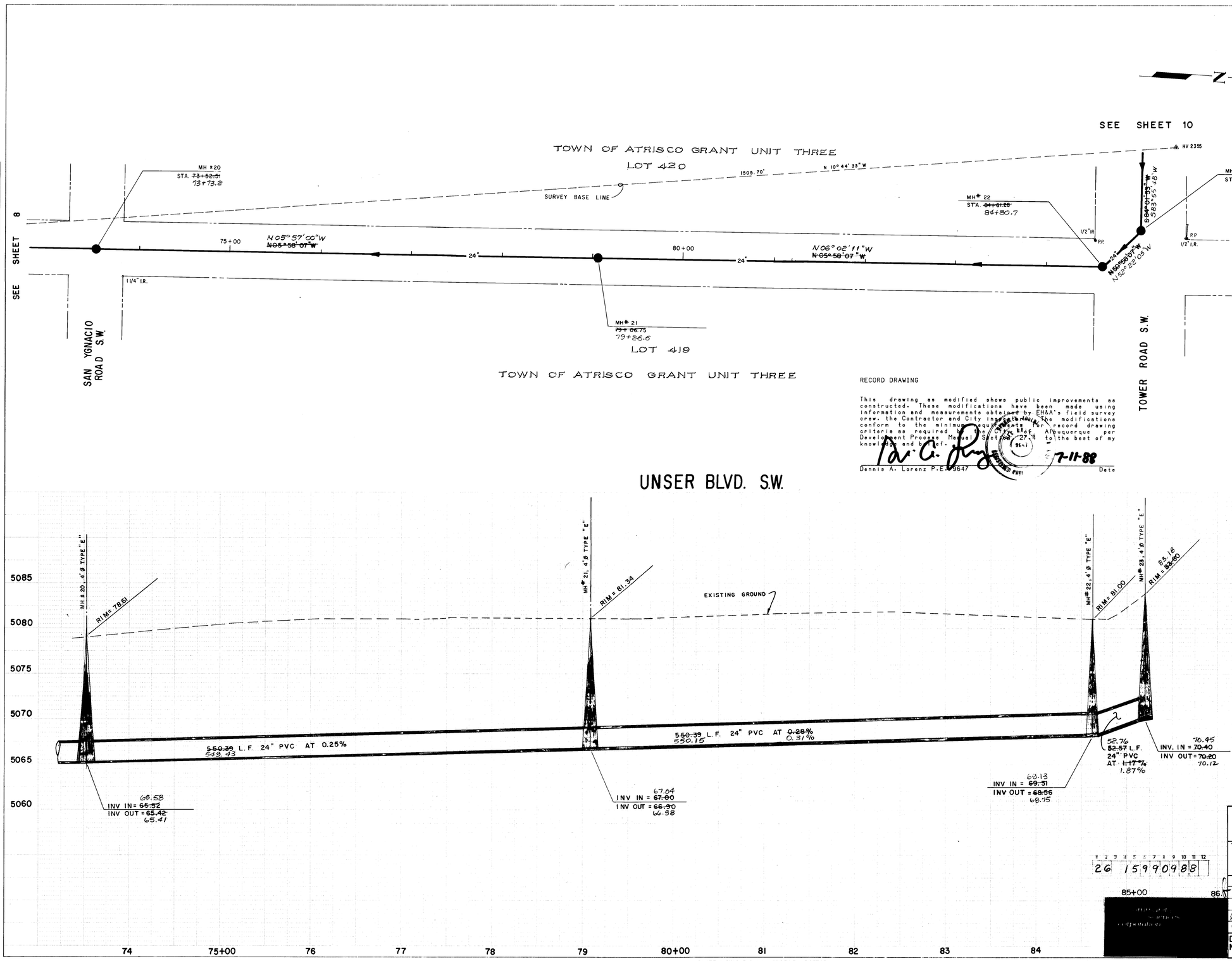
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
STA. 62+00.00— STA. 73+52.51 (MH#18 — MH#20)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/13/86	Liquid Waste		8/15/86
A.C.E.-Design		10/13/86	Traffic		7/8/86
A.C.E.-Hydrology		"	Water Utilities		8/15/86
County Rd. Dept		8/15/86			

DRAWING NO.	MAP NO.	SHEET	OF
1599	L-10	8	21

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspectors. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section 27.4 to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

PLAN — NOTE BOOK — NO. — SURVEYED — PLOTTED — R/W & EASEMENT CHECKED — RT OF WAY CHECKED — BY — DATE

PROFILE — NOTE BOOK — NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

AS BUILT INFORMATION
CONTRACTOR CCM
WORK STAKED BY EH&A DATE '87
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY EH&A DATE '87
REDLINES DRAWINGS CORRECTED BY EH&A DATE '88
MICRO-FILM INFORMATION RECORDED BY DATE
NO.

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL
Michael J. Vigil
6/25/86

NO	DATE	REMARKS	BY

REVISIONS
DESIGN

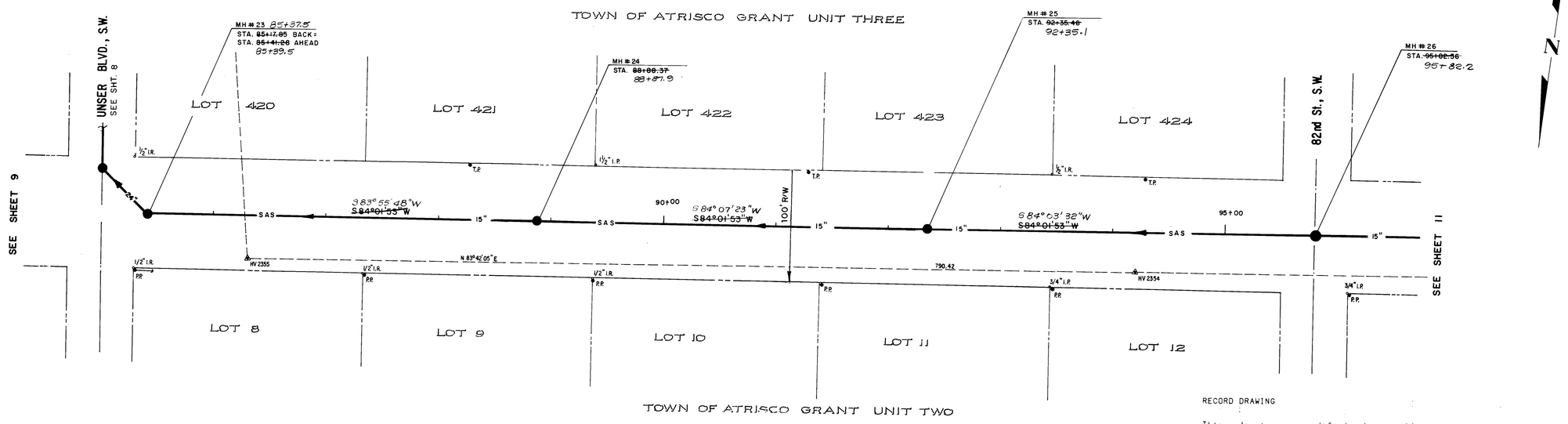
		DATE
DESIGNED BY	K.M.W.	8-80
DRAWN BY	K.C.W. M.K.S.	8-80
CHECKED BY	R.T.W.	

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 73+52.51 — STA. 85+17.85 (MH #20 — MH #23)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/20/86	Liquid Waste		8/15/86
A.C.E.-Design		10/20/86	Traffic		
A.C.E.-Hydrology			Water Utilities		8/15/86
County Rd. Dept.		8/15/86			

DRAWING NO. 1599 — SHEET 9 OF 21



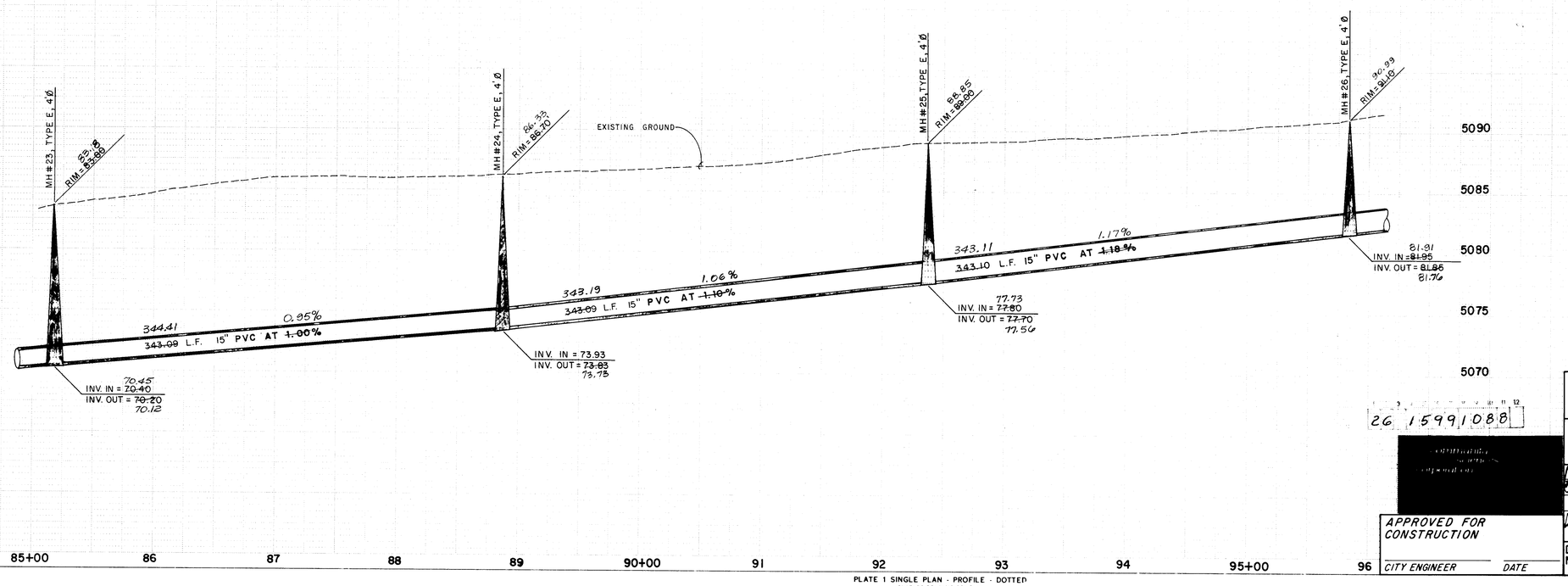
RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section [illegible] to the best of my knowledge and belief.

Dennis A. Lorenz P.E. [illegible] 7-11-88 Date

DENNIS A. LORENZ NEW MEXICO 8887 REGISTERED PROF ENGINEER

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



26 1599 1088

[redacted]

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

PLAN		
NOTE BOOK NO.	SURVEYED	
	PLOTTED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	BY	DATE

PROFILE		
NOTE BOOK NO.	SURVEYED	
	PLOTTED	
	GRADES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CHKD	
	BY	DATE

AS BUILT INFORMATION

CONTRACTOR	CCA		
WORK STAKED BY	EH&A	DATE	'87
WORK CHECKED BY		DATE	
ACCEPTANCE			
FIELD VERIFICATION BY	EH&A	DATE	'87
FINAL DRAWINGS CORRECTED BY	EH&A	DATE	'88
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

SEE SHEET 2

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

MICHAEL J. YOST NEW MEXICO 6857 REGISTERED PROFESSIONAL ENGINEER
6/25/86

NO	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	KMW	DATE	8-80
DRAWN BY	RDQ & WW	DATE	8-80
CHECKED BY	RTW	DATE	8-80

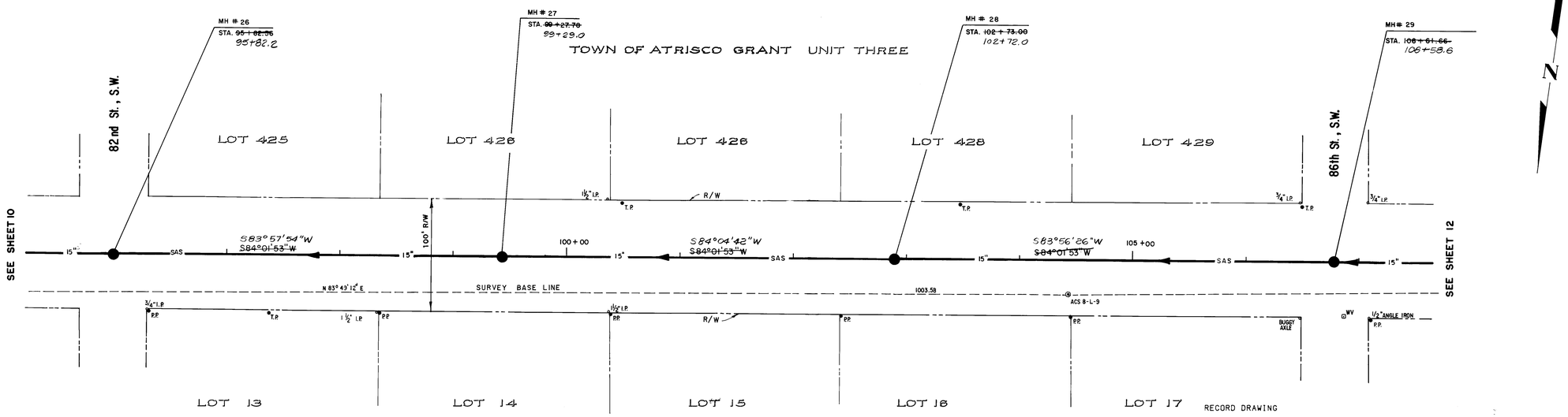
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL / TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN SEWER
STA. 85+17.85 — STA. 95+82.56 (MH #23 — MH #26)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	10/28/86	Liquid Waste	[illegible]	9/15/86
A.C.E.-Design	[illegible]	10/13/86	Traffic	[illegible]	9/3/86
A.C.E.-Hydrology	[illegible]		Water Utilities	[illegible]	8/15/86
County Rd. Dept.		8/15/86			

DRAWING NO.	MAP NO.	SHEET	OF
1599	L-10	10	21

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



TOWN OF ATRISCO GRANT UNIT TWO

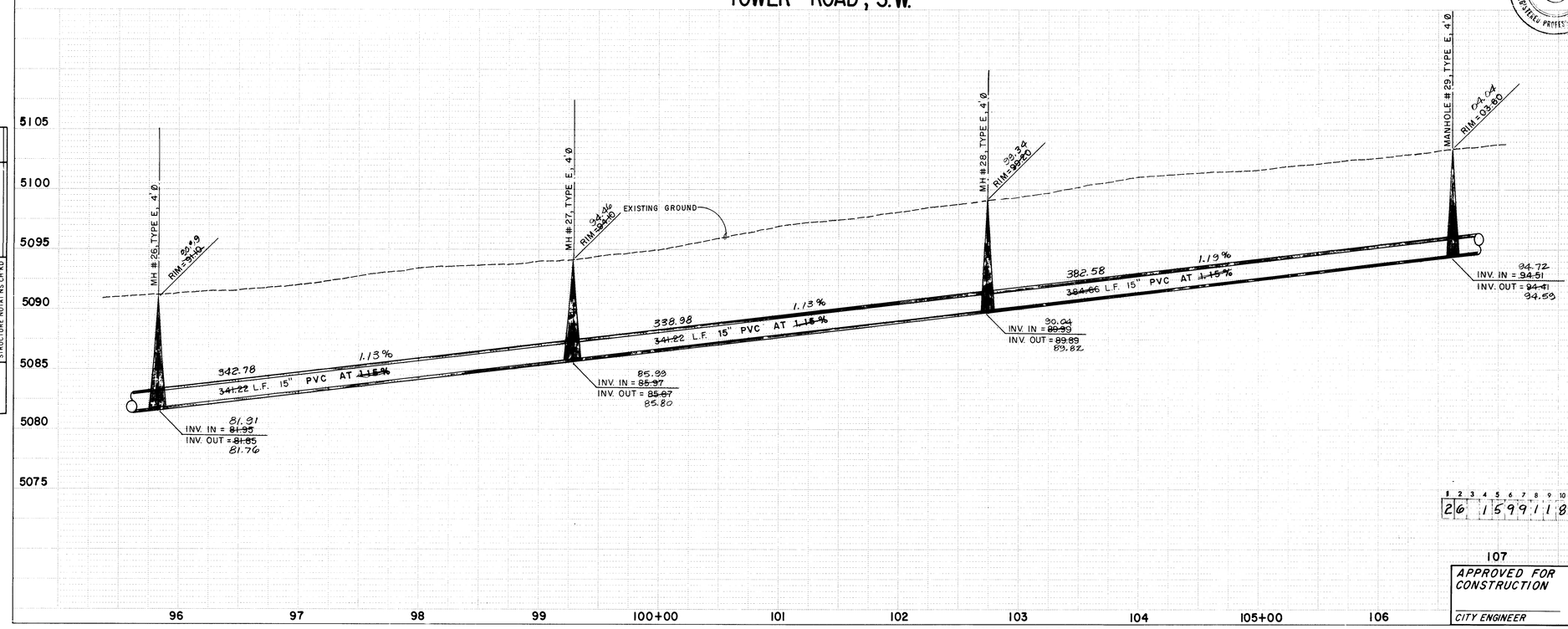
RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section 6-14(H) to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 6847 — Date 7-11-88

TOWER ROAD, S.W.

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



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

107

APPROVED FOR CONSTRUCTION

CITY ENGINEER — DATE

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

PLAN — NOTE BOOK — NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — BY — DATE

PROFILE — NOTE BOOK — NO. — SURVEYED — PLOTTED — GRADES CHECKED — B. M. NOTED — STRUCTURE NOTATNS CH'KD — BY — DATE

AS BUILT INFORMATION

CONTRACTOR	CGM	DATE 8/7
WORK STAKED BY	EH&A	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	EH&A	DATE 8/7
DRAWINGS CORRECTED BY	EH&A	DATE 8/8
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS: SEE SHEET 2

SURVEY INFORMATION — FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGN

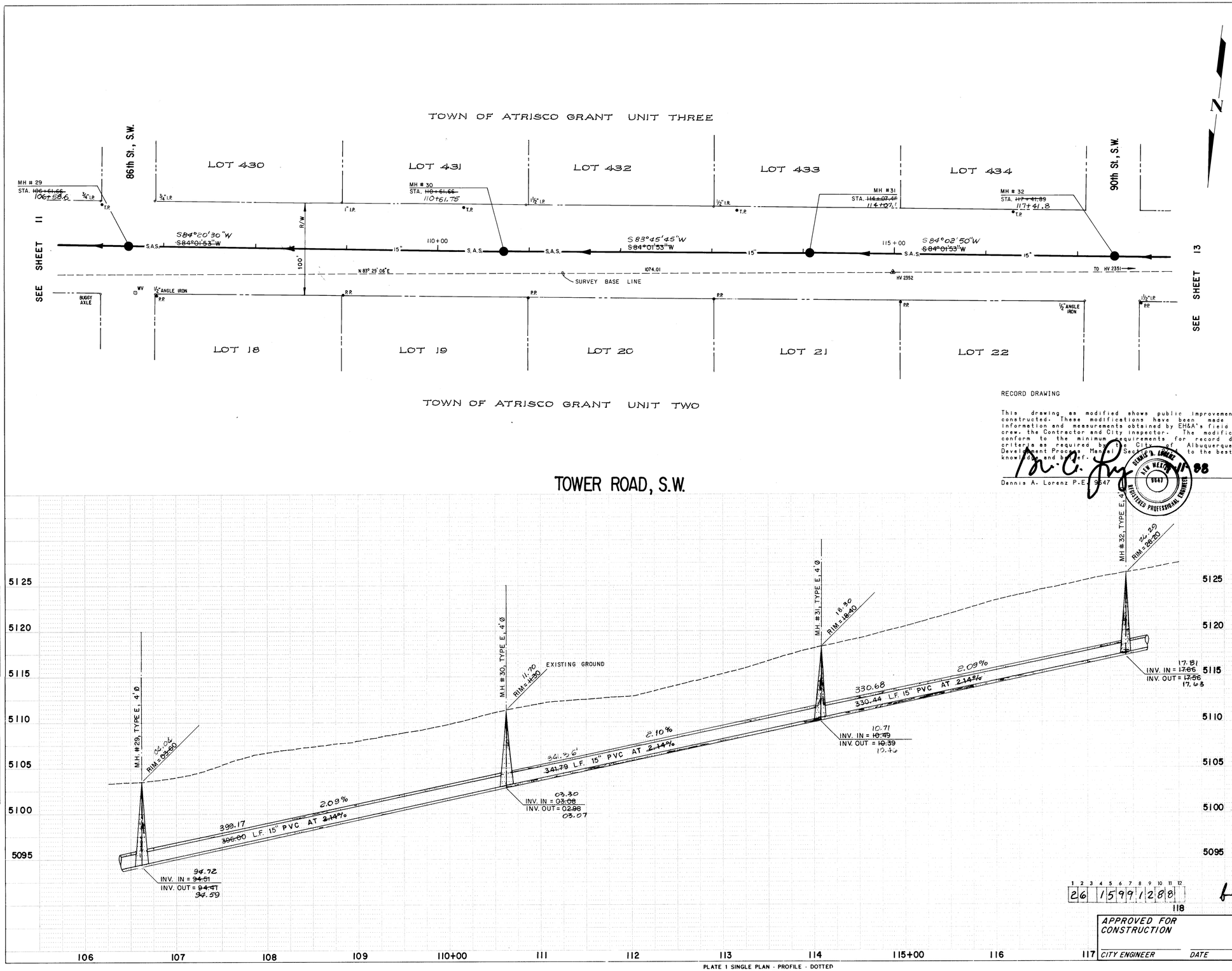
DESIGNED BY	KMW	DATE 8-80
DRAWN BY	KCW & MKS	DATE 8-80
CHECKED BY	RTW	DATE 8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/ TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
STA. 95+82.56 – STA. 106+61.66 (MH # 26 – MH # 29)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/10/86	Liquid Waste		8/5/86
A.C.E.-Design		8/11/86	Traffic		7/3/86
~~A.C.E.~~ Hydrology		"	Water Utilities		8/5/86
County Rd. Dept.		8/15/86			

DRAWING NO. 1599 — MAP NO. L-9 — SHEET 11 OF 21



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHAA's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section 9. To the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 11-1-88

NEW MEXICO DENNIS A. LORENZ 9647 REGISTERED PROFESSIONAL ENGINEER

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

PLATE 1 SINGLE PLAN · PROFILE · DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

PLAN — NOTE BOOK NO. — SURVEYED ___ PLOTTED ___ CHARTS CHECKED ___ RT. OF WAY CHECKED ___ BY ___ DATE

PROFILE — NOTE BOOK NO. ___ — SURVEYED ___ PLOTTED ___ CHARTS CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATIONS CH'KD ___ BY ___ DATE

AS BUILT INFORMATION
CONTRACTOR CCM
WORK STAKED BY EHAA DATE '87
INSPECTOR'S ACCEPTANCE BY ___ DATE ___
FIELD VERIFICATION BY EHAA DATE '87
DRAWINGS CORRECTED BY EHAA DATE '88
MICRO-FILM INFORMATION
RECORDED BY ___ DATE ___
NO. ___

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES
NO. ___ BY ___ DATE ___

ENGINEER'S SEAL
MICHAEL J. GIBSON NEW MEXICO 7977 REGISTERED PROFESSIONAL ENGINEER
Michael J. Gibson 6/25/86

NO	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	K.M.W.	8-80
DRAWN BY	K.C.W.	8-80
CHECKED BY	R.W.	8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

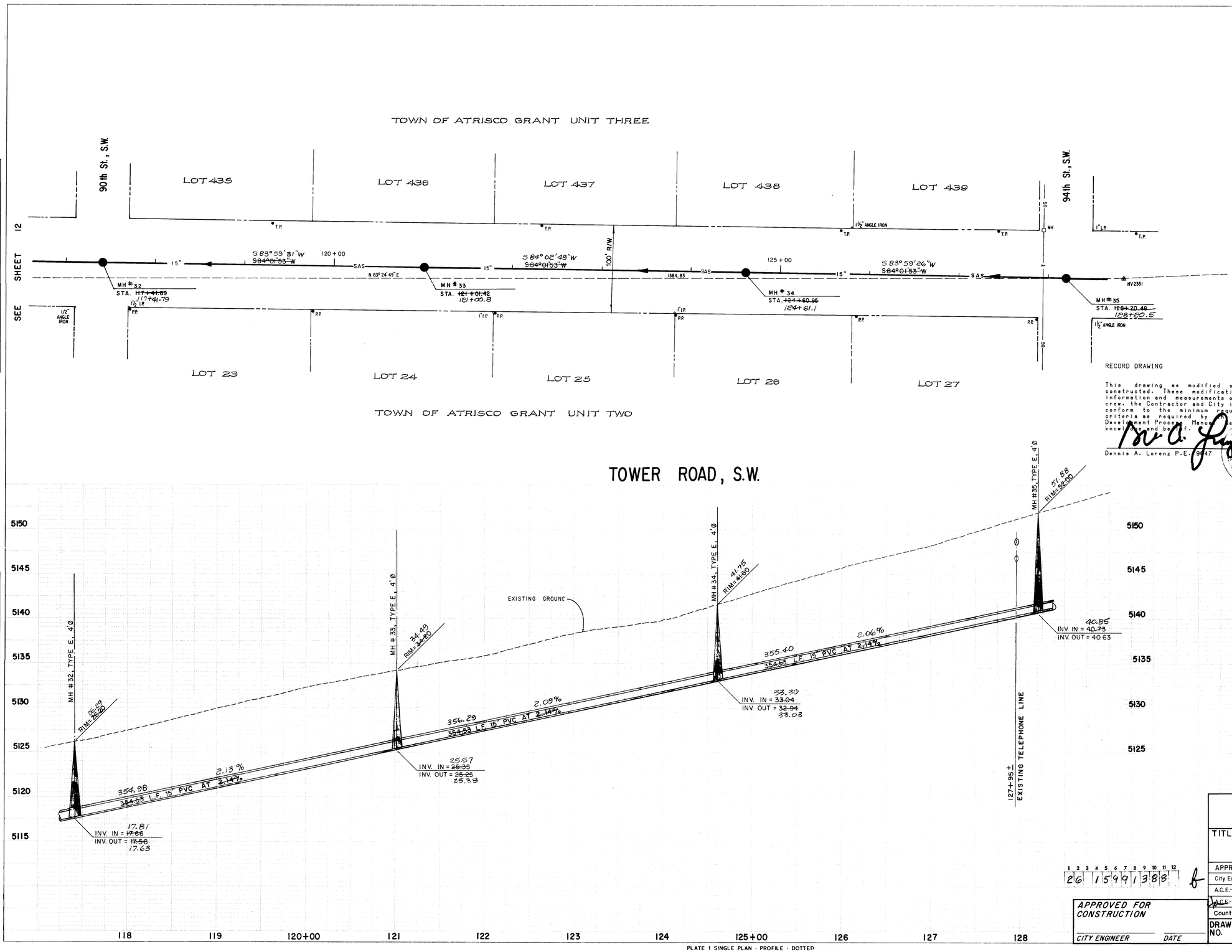
TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 106+61.66 — STA. 117+41.89 (MH #29 — MH #32)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/10/86	Liquid Waste		8/5/86
A.C.E.-Design		10/10/86	Traffic		7/8/86
A.C.E.-Hydrology		"	Water Utilities		8/5/86
County Rd. Dept.		8/5/86			

26 1599 1288

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE

DRAWING NO. 1599 — MAP NO. L-9 — SHEET 12 OF 21



PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

AS BUILT INFORMATION
CONTRACTOR CSM
WORK STAKED BY EHAA DATE 8/1
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY EHAA DATE 8/1
DRAWINGS CORRECTED BY EHAA DATE 8/8
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6/25/86

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY KMW DATE 8-80
DRAWN BY KCW & MKS DATE 8-80
CHECKED BY RTW DATE 8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 117+41.89 – STA. 128+20.48 (MH# 32 – MH# 35)

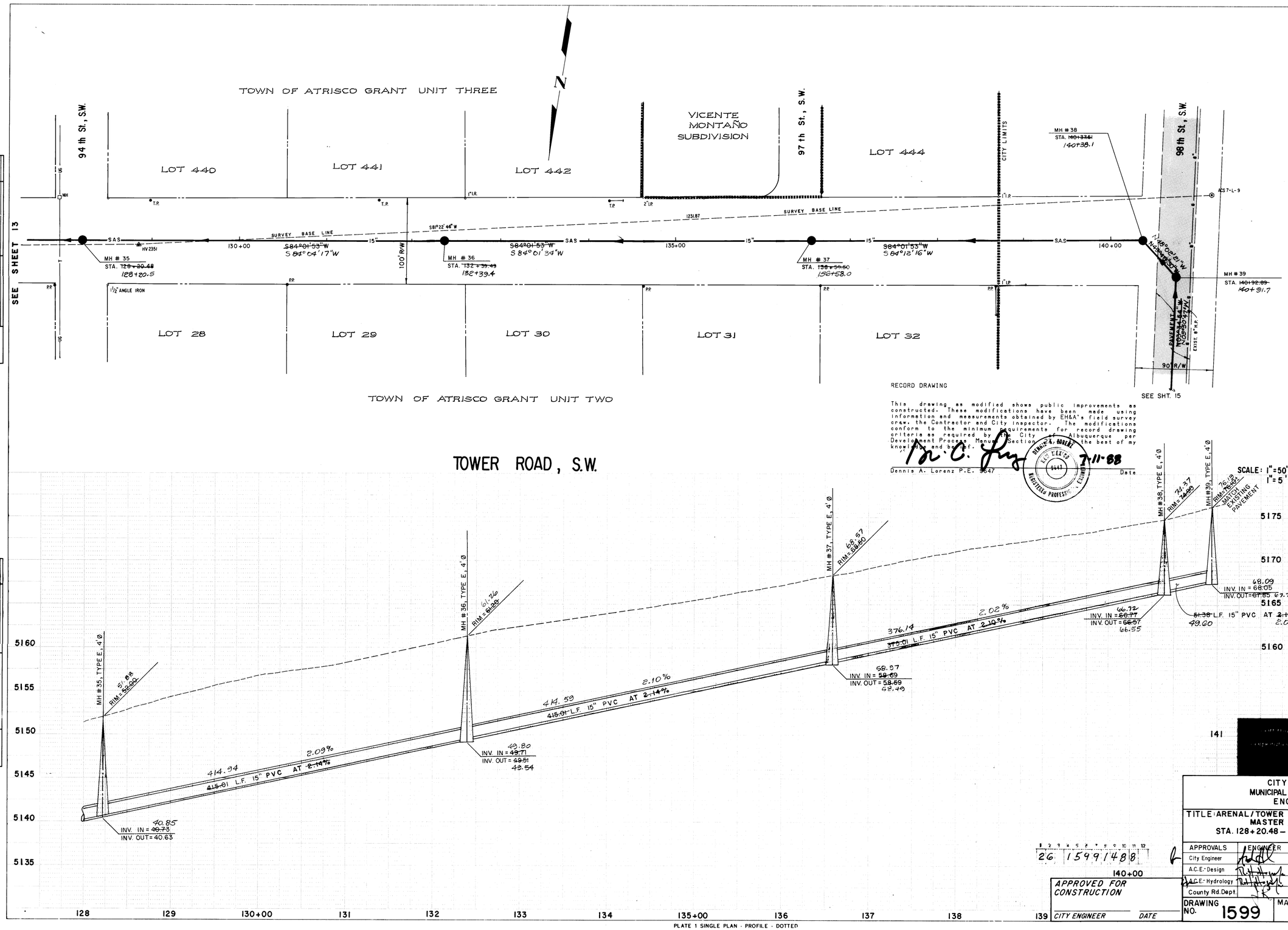
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/10/86	Liquid Waste		8/5/86
A.C.E.-Design		10/13/86	Traffic	NA	7/8/86
A.C.E.-Hydrology		"	Water Utilities		8/5/86
County Rd. Dept.		8/15/86			

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

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

DRAWING NO. 1599 MAP NO. L-9 SHEET 13 OF 21

73-5-055



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section ... to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88

DENNIS A. LORENZ — NEW MEXICO — 9647 — REGISTERED PROFESSIONAL ENGINEER

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

AS BUILT INFORMATION			
CONTRACTOR	CCNA		
WORK STAKED BY	EH&A	DATE	1/87
INSPECTOR'S ACCEPTANCE BY		DATE	
FIELD VERIFICATION BY	EH&A	DATE	1/87
DRAWINGS CORRECTED BY	EH&A	DATE	1/88
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

MANUEL J. VIGIL — NEW MEXICO — 6947 — REGISTERED PROFESSIONAL ENGINEER

Michael J. Vigil 6/25/86

NO	DATE	REMARKS	BY
		REVISIONS	

			DATE
DESIGNED BY	K.M.W.		8-80
DRAWN BY	K.C.W.	M.K.S.	8-80
CHECKED BY	R.T.W.		8-80

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
STA. 128+20.48 – STA. 140+79.26 (MH # 35 – MH # 39)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/10/86	Liquid Waste		8/5/86
A.C.E.-Design		4/13/88	Traffic		7/8/88
A.C.E.-Hydrology			Water Utilities		8/5/86
County Rd. Dept.		8/15/86			

DRAWING NO.	MAP NO.	SHEET	OF
1599	L-9	14	21

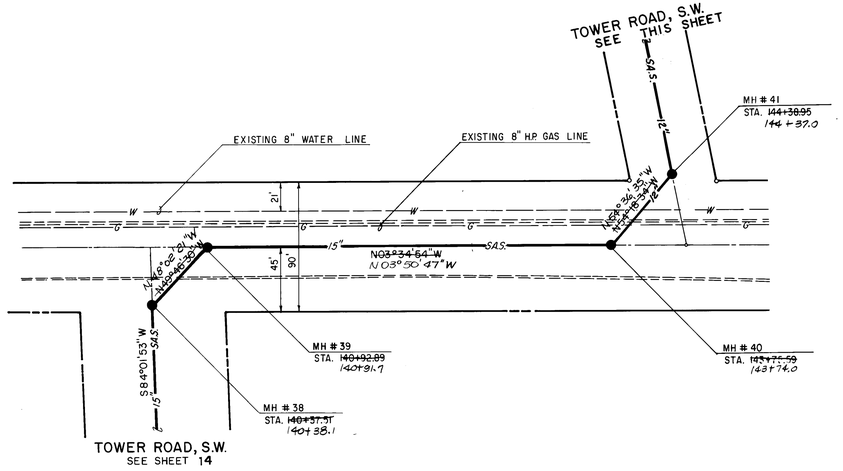
26 1599 1488

140+00

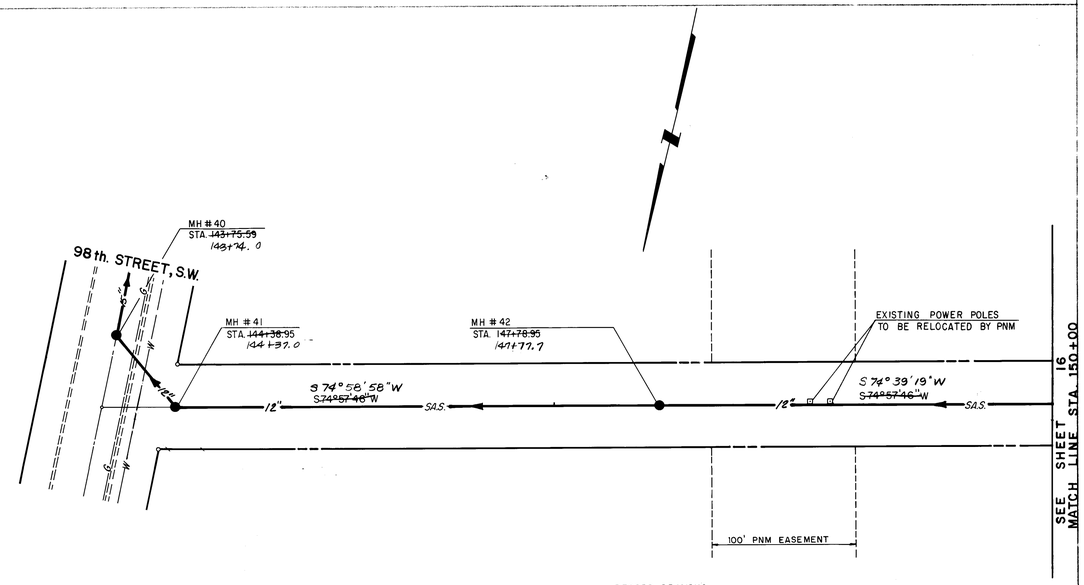
APPROVED FOR CONSTRUCTION

CITY ENGINEER — DATE

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



98th. STREET, S.W.



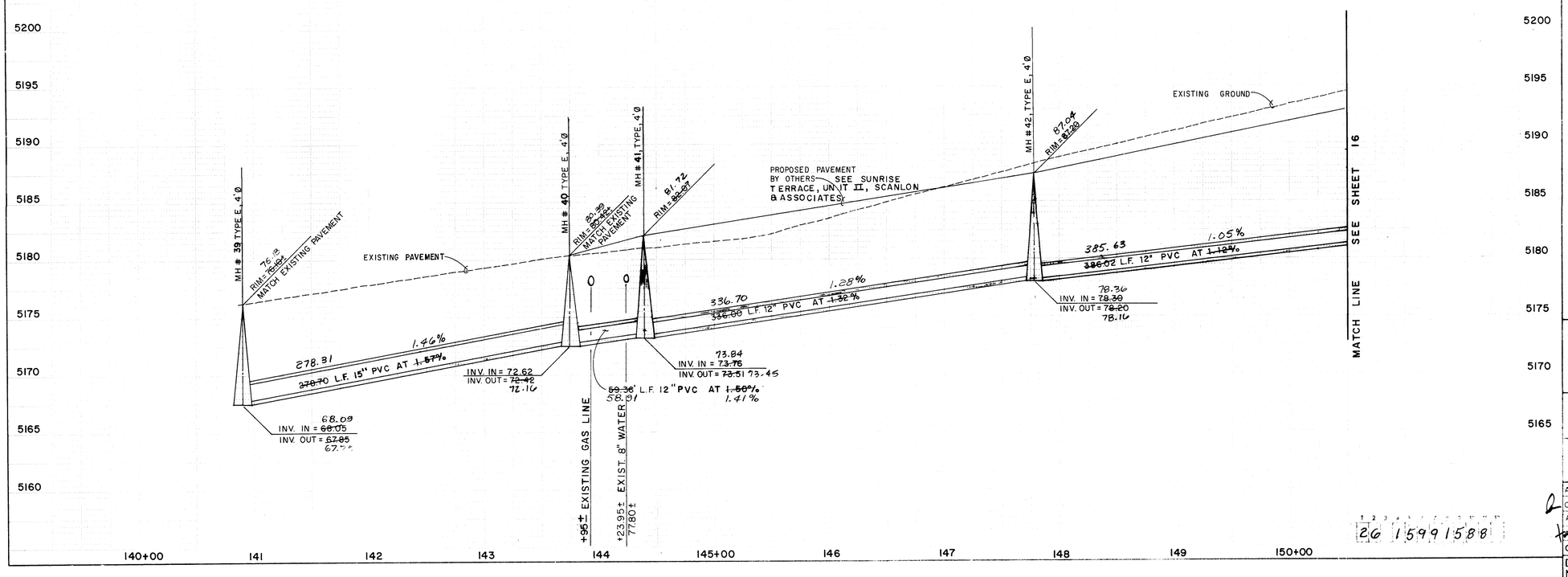
TOWER ROAD, S.W.

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section [illegible]. To the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88

DENNIS A. LORENZ — NEW MEXICO — 9647 — REGISTERED PROFESSIONAL ENGINEER



26 15991588

AS BUILT INFORMATION	
CONTRACTOR	CCM
WORK STAKED BY	EH&A DATE '87
INSP. PERS.	
ACCEPTED BY	DATE
FIELD VERIFICATION BY	EH&A DATE '87
DRAWINGS CORRECTED BY	EH&A DATE '88
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS

SEE SHEET 2

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

Michael J. Yost 6/25/86

NO	DATE	REMARKS	BY
7/86	12" WATERLINE LOCATION		MJY

REVISIONS

DESIGN

		DATE
DESIGNED BY	M.J.Y.	6-86
DRAWN BY	W.J.W.	6-86
CHECKED BY	K.M.W.	6-86

SCALE:
1" = 50' HOR
1" = 5' VER.

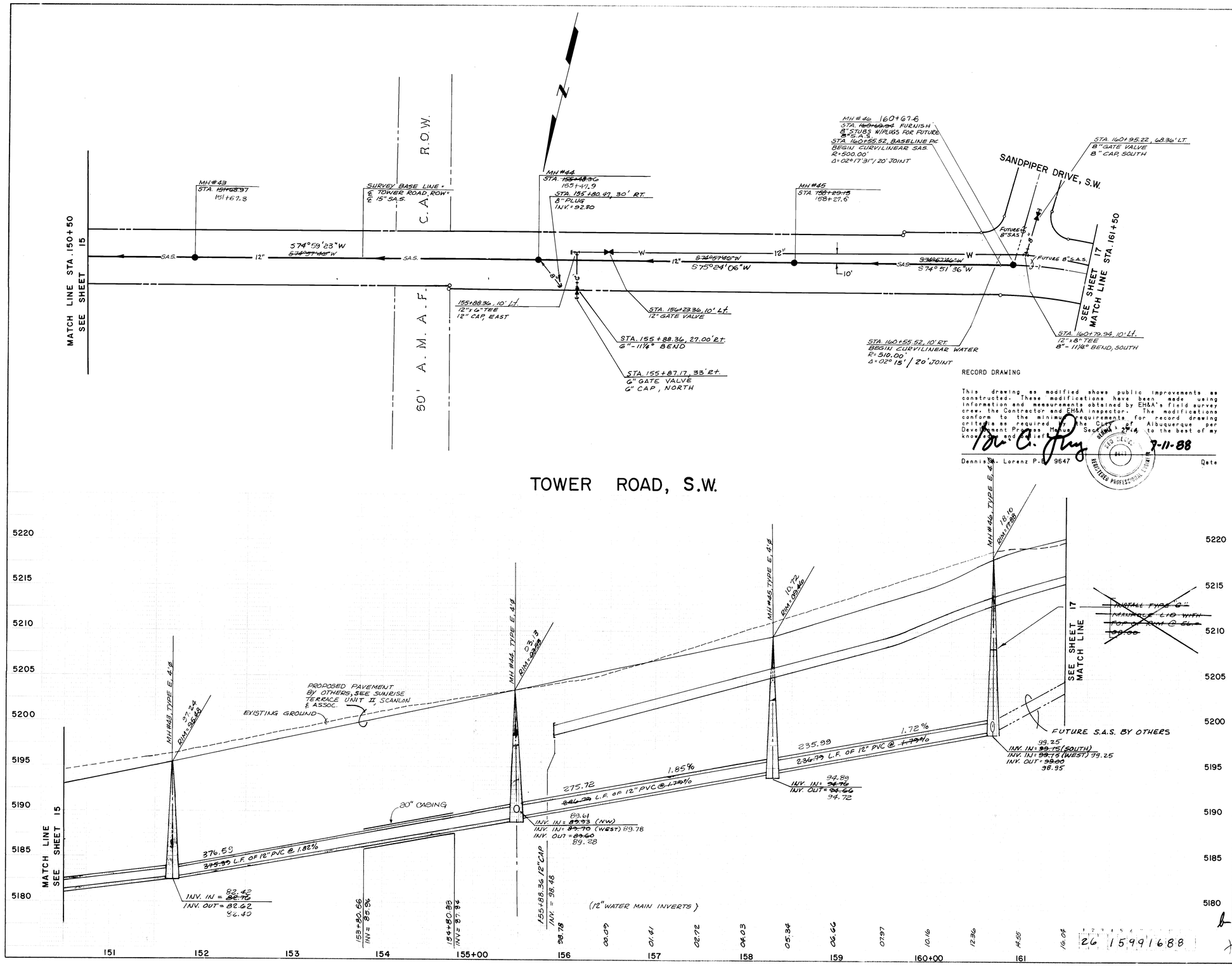
[redacted]

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL / TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
SANITARY SEWER AND WATER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	8/15/86	Liquid Waste	[illegible]	8/15/86
A.C.E. - Design	[illegible]	10/13/86	Traffic	[illegible]	[illegible]
A.C.E. - Hydrology	[illegible]	" "	Water Utilities	[illegible]	8/15/86
County Rd. Dept.	[illegible]	8/15/86			

DRAWING NO	MAP NO.	SHEET	OF
1599	L-8	15	21



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and EH&A inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual Section 2-7.4 to the best of my knowledge and belief.

Dennis M. Lorenz 7-11-88

Dennis M. Lorenz P.E. 9647 Date

REGISTERED PROFESSIONAL ENGINEER

SCALE:
1" = 50' HOR.
1" = 5' VER.

[redacted]

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
SANITARY SEWER AND WATER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/15/86	Liquid Waste		8/15/86
A.C.E. - Design		10/13/86	Traffic		
A.C.E. - Hydrology		"	Water Utilities		8/15/86
County Rd. Dept		8/15/86			

DRAWING NO 1599 MAP NO L-8 SHEET 16 OF 21

AS BUILT INFORMATION
CONTRACTOR OGM
WORK STAKED BY EH&A DATE 1/87
INSPECTED BY
AS-BUILT BY DATE
FIELD VERIFICATION BY EH&A DATE 1/87
DRAWINGS CORRECTED BY EH&A DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

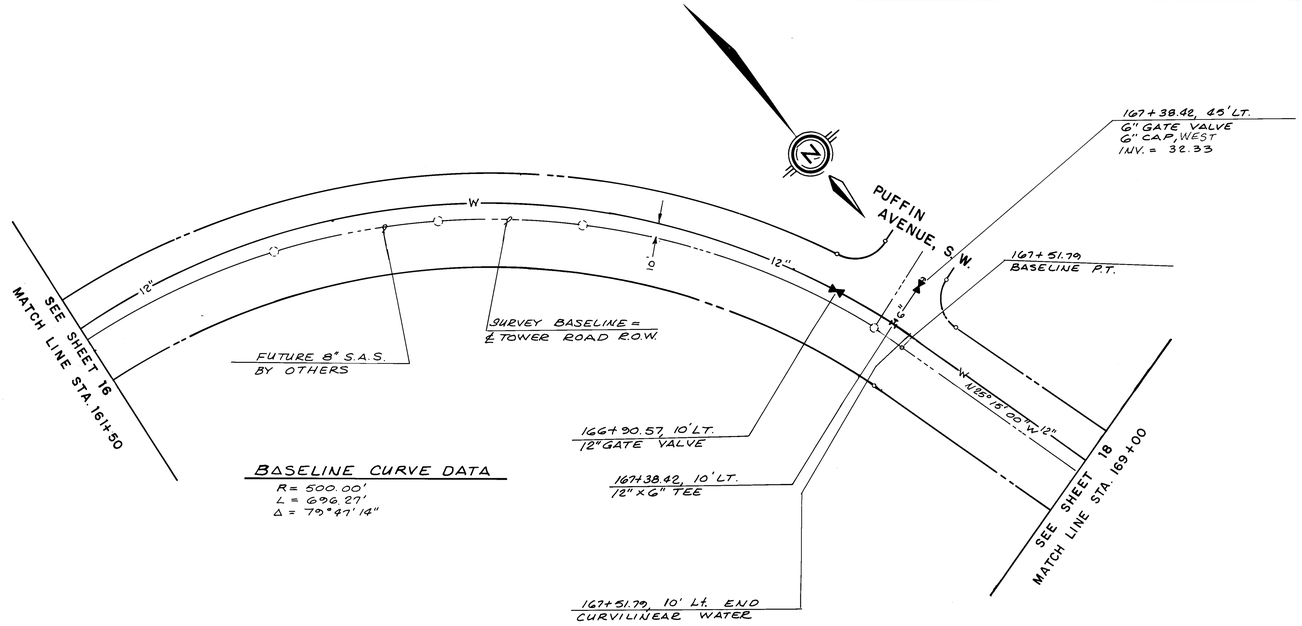
BENCH MARKS
SEE SHEET 2

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

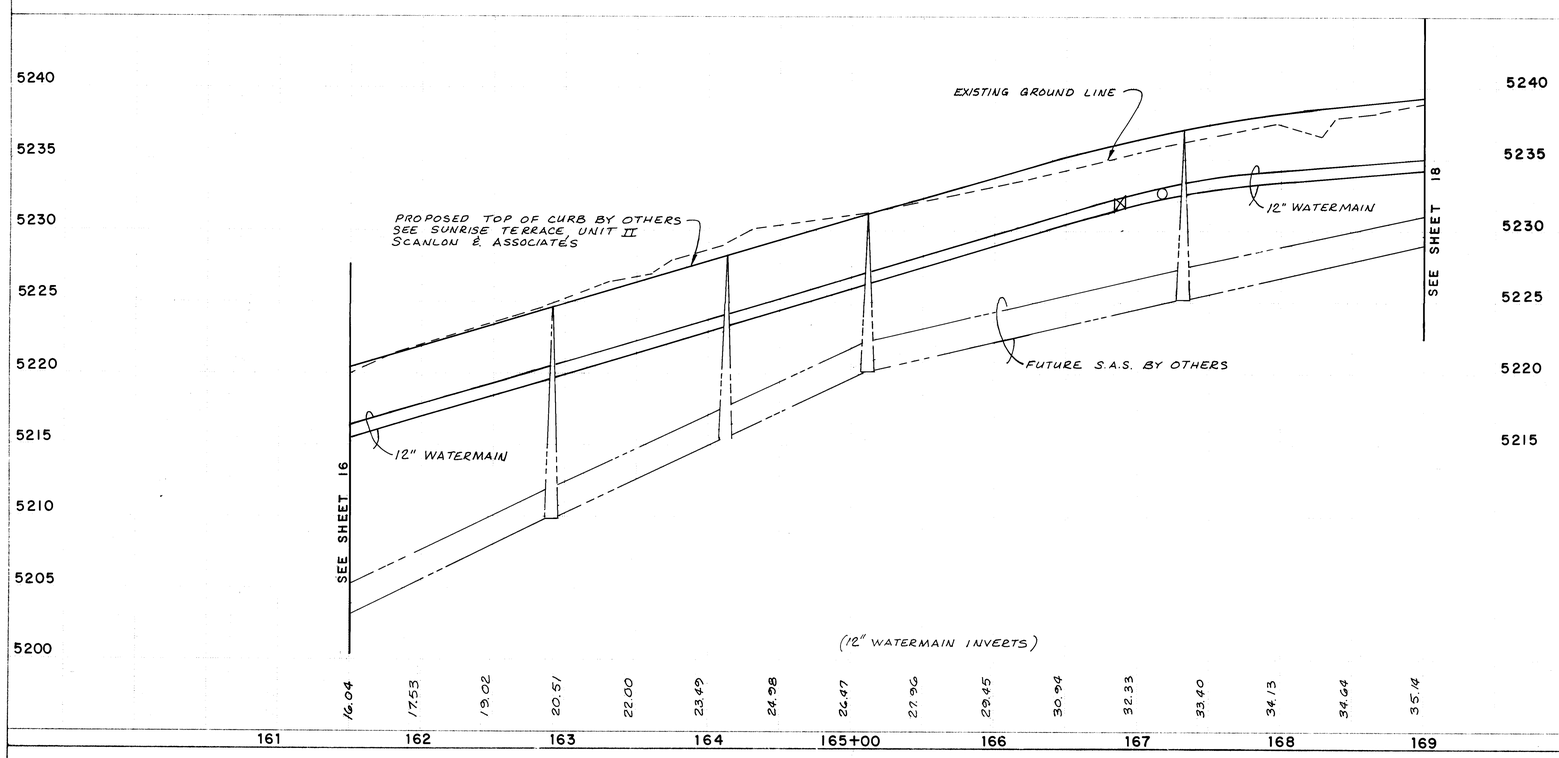
ENGINEER'S SEAL
6/25/86

NO.	DATE	REMARKS	BY
		12" WATERLINE LOCATION	MJY
1	7/86	REVISIONS	
		DESIGN	

DESIGNED BY M.J.Y. DATE 6-86
DRAWN BY W.J.W. DATE 6-86
CHECKED BY K.M.W. DATE 6-86



TOWER ROAD, S.W.



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHA's field survey crew. The Contractor and City Inspector have certified to the accuracy of the modifications and criteria as required by the Construction Drawing Development Procedure Manual. Such certification is to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88

AS BUILT INFORMATION
CONTRACTOR CGM
PLANS REVIEWED BY EHA
INSPECTOR'S DATE 1/87
ASBUILT PLANS REVIEWED BY EHA DATE 1/87
VERIFICATION BY EHA DATE 1/87
DRAWINGS CORRECTED BY EHA DATE 3/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE SHEET 2.

SURVEY INFORMATION
FIELD NOTES:
NO. BY DATE

ENGINEER'S SEAL
6/25/86

12" WATERMAIN LOCATION — MJY — 7/86

REVISIONS
NO. DATE REMARKS BY
1 6-86 M.J.Y.
2 6-86 W.J.W.
3 6-86 E.M.W.

SCALE:
1" = 50' HOR.
1" = 5' VER.

[redacted]

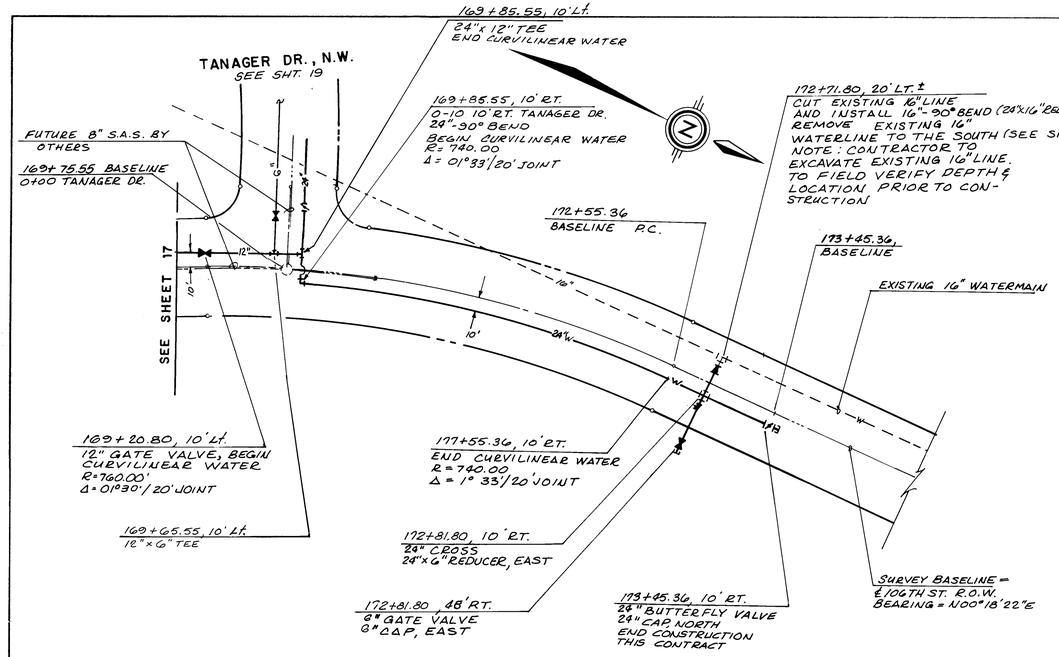
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
12" WATERMAIN

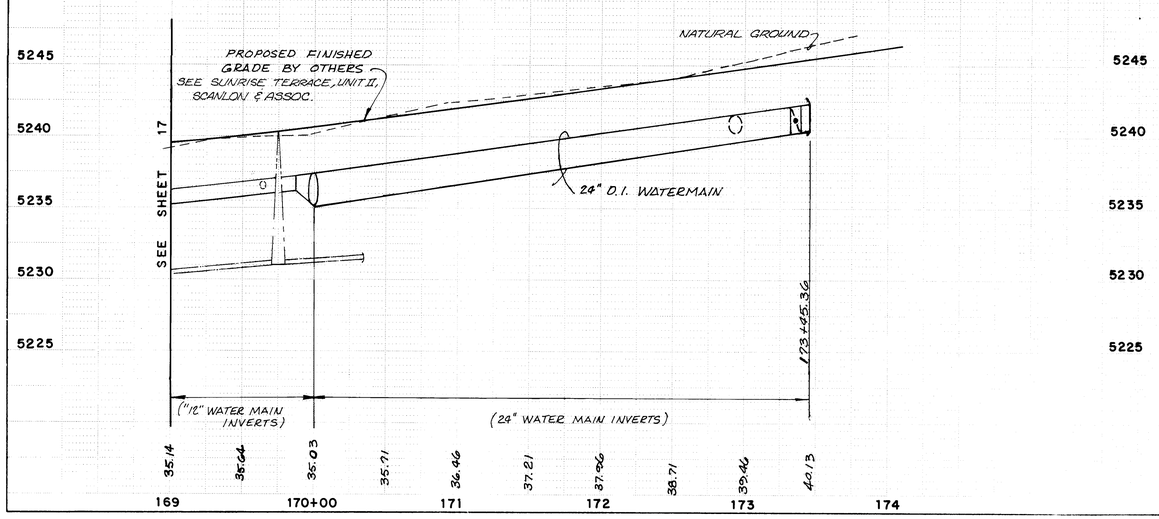
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/8/86	Liquid Waste		8/5/86
A.C.E. - Design		10/13/86	Traffic		7/15/86
A.C.E. - Hydrology		"	Water Utilities		8/5/86
County Rd. Dept.		8/15/86			

26 15991788

DRAWING NO. 1599 — MAP NO. L-8 — SHEET 17 OF 20



106 th. ST. S.W. WATERMAIN



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHA's field survey crew, the Contractor's redlines, and/or field drawings conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque. Date of last field survey 7-11-88

Dennis A. Lorenz P.E. 6847 — Date

AS BUILT INFORMATION

CONTRACTOR	CXM	
WORK STAKED BY	EHA	DATE '87
INSPECTED BY		DATE
ACCEPTANCE BY		
FIELD VERIFICATION BY	EHA	DATE '87
DRAWINGS CORRECTED BY	EHA	DATE '88
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO		

BENCH MARKS
SEE SHEET 2.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Michael J. Stout 6/25/86

NO.	DATE	REMARKS	BY
1	7/86	12" WATERMAIN LOCATION	MJY

REVISIONS

DESIGN		
DESIGNED BY	M.Y.	DATE 6-85
DRAWN BY	W.J.W.	DATE 6-85
CHECKED BY	M.Y. & K.M.W.	DATE 6-85

SCALE:
1" = 50' HOR.
1" = 5' VER.

[redacted]

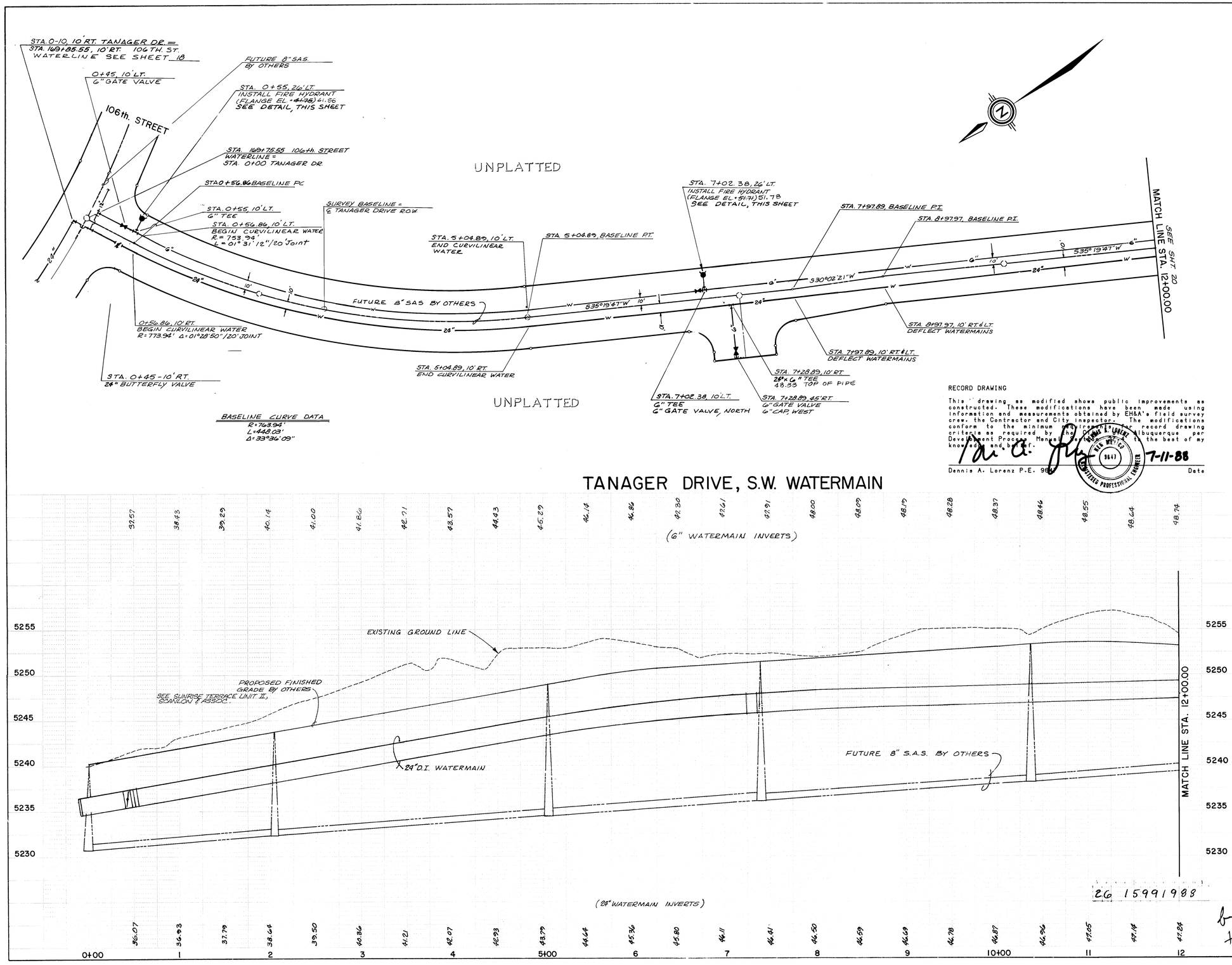
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE
MASTER PLAN WATER
106th. STREET, N.W. - 16" WATERMAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/18/86	Liquid Waste		8/15/86
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		8/15/86
County Road Dept.		8/15/86			

26 1599 1888

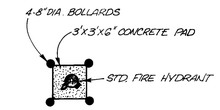
DRAWING NO. 1599 | MAP NO. L-8 | SHEET 18 OF 21



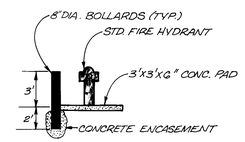
RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EH&A's field survey crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual. To the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88



PLAN VIEW



SECTION VIEW

FIRE HYDRANT PROTECTION DETAIL

N.T.S.

NOTE: Bollards not required if the construction of Sunrise Terrace Unit II commences while this project is under construction.

AS BUILT INFORMATION

CONTRACTOR: CCM
WORK STAKED BY: EH&A DATE '87
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: EH&A DATE '87
DRAWINGS CORRECTED BY: EH&A DATE '88
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
SEE SHEET 2.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY M.Y. DATE 6-85
DRAWN BY W.J.W. & C.S.S. DATE 6-85
CHECKED BY M.Y. & K.M.W. DATE 6-85

SCALE:
1" = 50' HOR.
1" = 5' VER.

community sciences corporation
LAND PLANNING, P.O. Box 1328 — ENGINEERING, SURVEYING, Corrales, New Mexico 87048

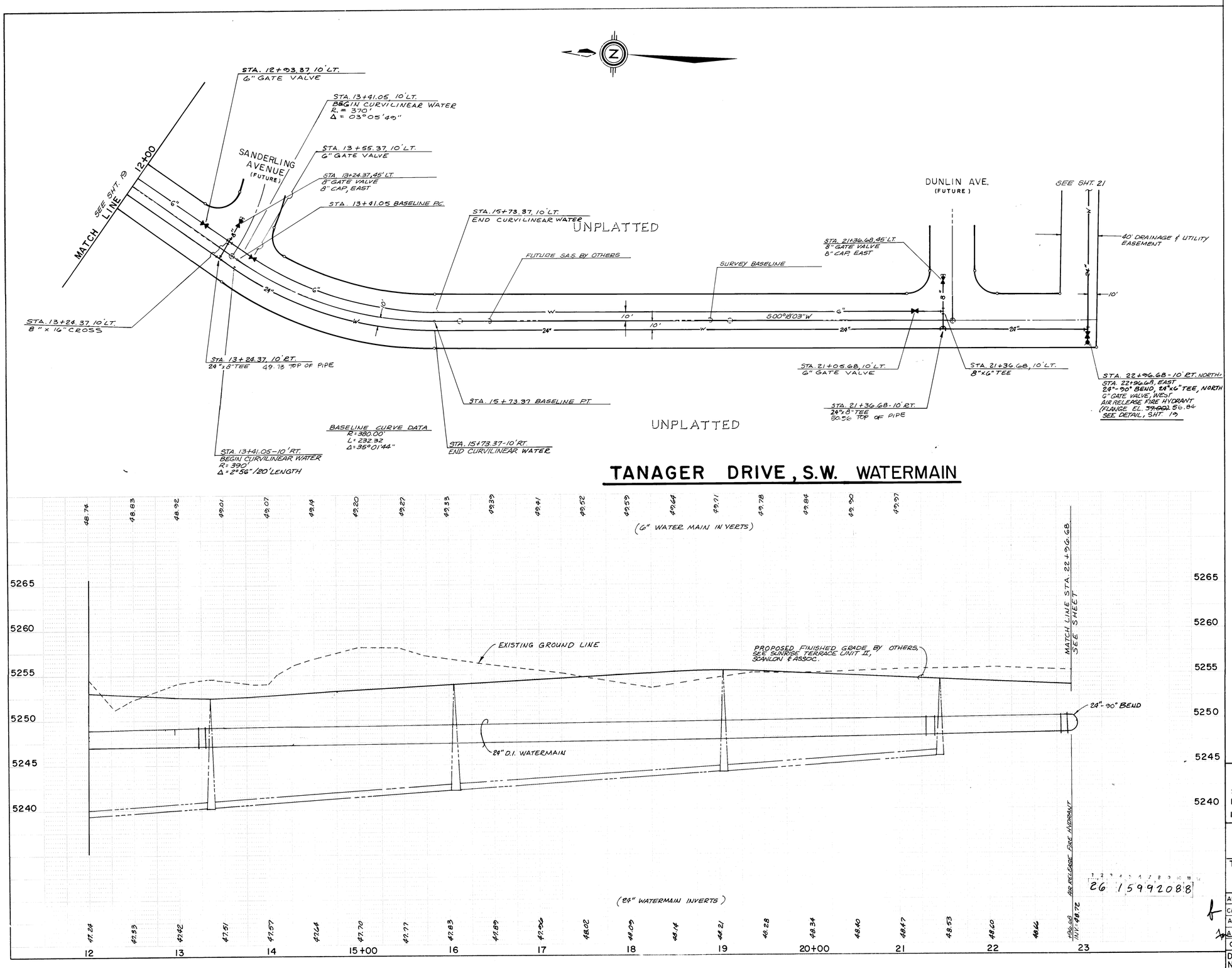
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
TANAGER DRIVE, S.W. - 16" WATERMAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/19/86	Liquid Waste		8/15/86
A C E - Design		10/19/86	Traffic		
A C E - Hydrology		"	Water		8/15/86
County Road Dept.					

5/15/86

DRAWING NO. 1599 — MAP NO. L-8 — SHEET 19 OF 21



TANAGER DRIVE, S.W. WATERMAIN

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHAA's field survey crew. Contractor warrants that the improvements shown conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Design Procedures Manual, Vol. 2, Chapter 6 and to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9647 — Date 7-11-88

AS BUILT INFORMATION

CONTRACTOR	CCM	
WORK STAKED BY	EHAA	DATE '87
INSPECTORS ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	EHAA	DATE '87
DRAWINGS CORRECTED BY	EHAA	DATE '88

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

SEE SHEET 2.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

6/25/86

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY	M.Y.	DATE 6-85
DRAWN BY	W.J.W. & C.S.S.	DATE 6-85
CHECKED BY	M.Y. & K.M.W.	DATE 6-85

SCALE:
1" = 50' HOR.
1" = 5' VER.

community services corporation

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

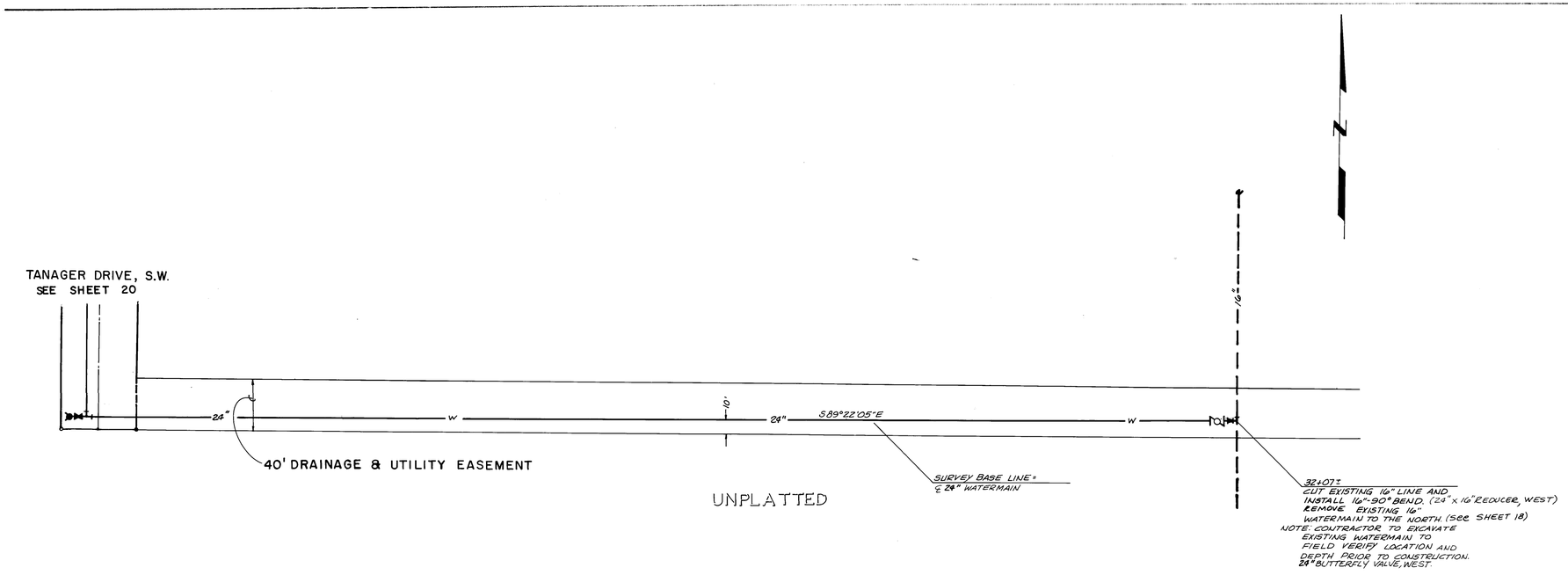
TITLE: ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER

TANAGER DRIVE, S.W. - 16" WATERMAIN

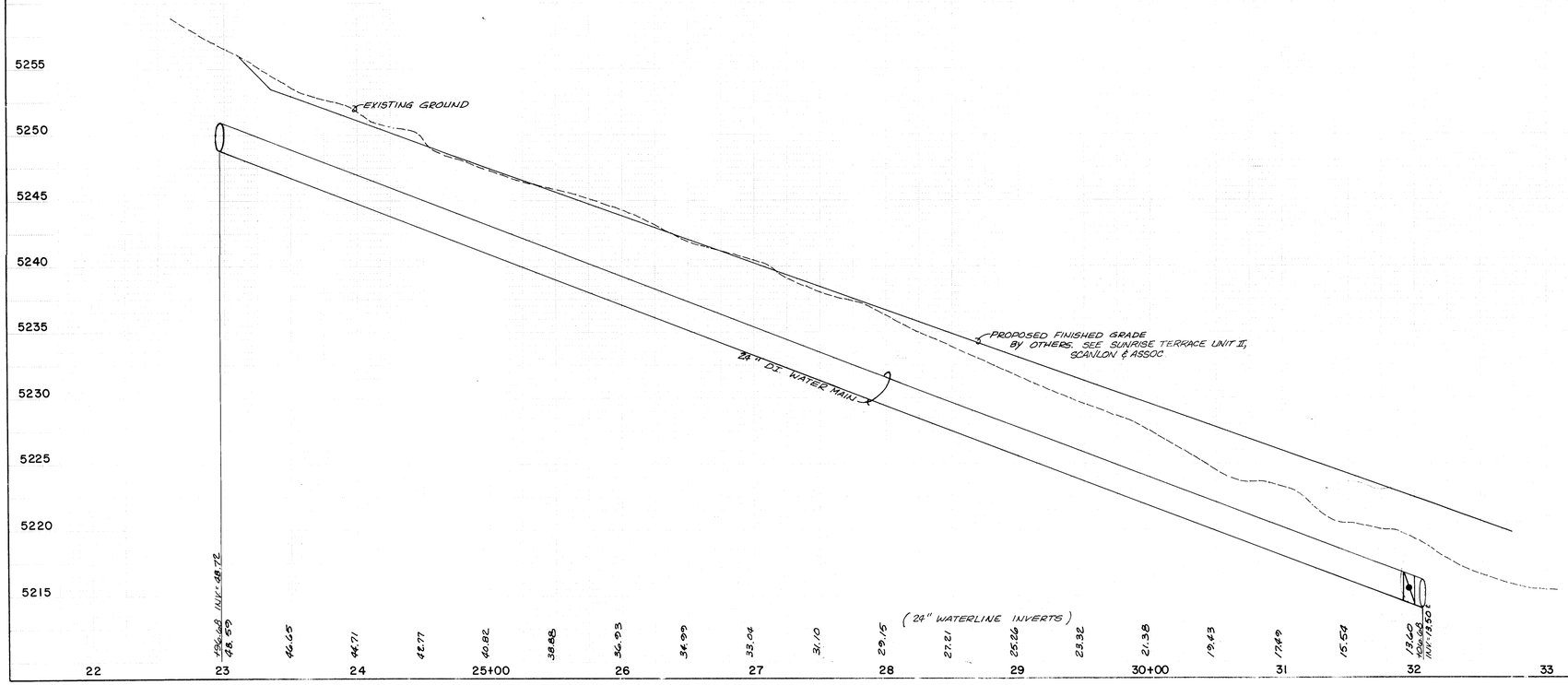
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/10/86	Liquid Waste		8/15/86
A.C.E.-Design		10/13/86	Traffic		
A.C.E.-Hydrology			Water		8/15/86
County Rd. Dept.		5/15/86			

26 15992088

DRAWING NO.	MAP NO.	SHEET	OF
1599	L-8	20	21



WATERLINE CONNECTION



26 15992188

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHAA's field survey crew in the form of notes and/or drawings provided by the inspector. The modifications conform to the minimum standards of Albuquerque drawing criteria as required by the Development Process Manual, Chapter 7-4 to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9640 — Date 7-11-88

SURVEY INFORMATION			BENCH MARKS	AS BUILT INFORMATION
FIELD NOTES			SEE SHEET 2	CONTRACTOR CCM
NO.	BY	DATE		WORK STAKED BY EHAA DATE 1-87
				INSPECTED BY DATE
				AS-BUILT BY EHAA DATE 1-87
				FIELD VERIFICATION BY EHAA DATE 1-87
				DRAWINGS COMPILED BY EHAA DATE 1-88
				MICRO-FILM INFORMATION
				RECORDED BY DATE
				NO

ENGINEER'S SEAL — 6/25/86

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY M.J.Y. DATE 6-85
DRAWN BY C.S.S. & W.J.W. DATE 6-85
CHECKED BY M.J.Y. & R.M.W. DATE

SCALE:
1" = 50' HOR.
1" = 5' VER.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE ARENAL/TOWER ROAD SEWER AND SUNRISE TERRACE MASTER PLAN WATER
16" WATERLINE CONNECTION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/18/86	Liquid Waste		8/15/86
A.C.E. Design		10/21/86	Traffic		7/7/86
A.C.E. Hydrology		8/15/86	Water		8/15/86
County Rd. Dept					

DRAWING NO 1599 — MAP NO L-8 — SHEET 21 OF 21