

SCANNED BY
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CONSTRUCTION PLANS FOR *WEST MESA MINI STORAGE* *PHASE II* ALBUQUERQUE, NEW MEXICO

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SHEET NO.	SHEET
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2	PLAT
3-5	PAVING IMPROVEMENTS
6	STORMDRAIN & WATERLINE IMPROVEMENTS
6A & 6B	SIGNING AND TRAFFIC CONTROL PLAN

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, TUC Plumbing, and by the surveyor, Precision Survey, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

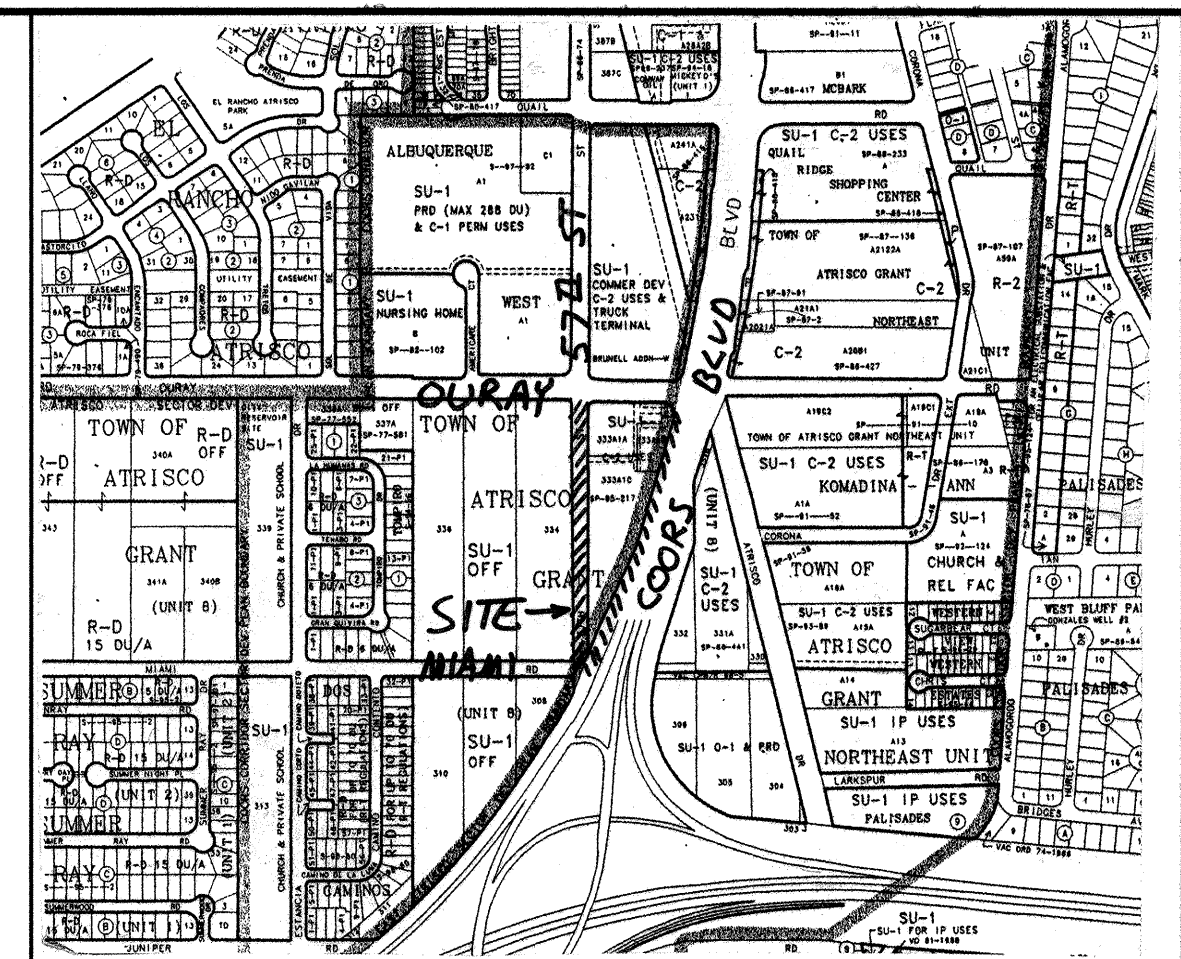
Gregory J. Kishik 3-31-99 NMPE 11929

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC CHAIRMAN	Billy G. Sanchez	10-12-98	APPROVED FOR CONSTRUCTION		
		TRANSPORTATION	R. W. Kane	9-30-98			
		WATER/WASTEWATER	R. W. Kane	9-30-98			
		HYDROLOGY	B. Montoya	9/30/98			
		CIP					
		CONSTR. MGMT.			CITY ENGINEER DATE		
		BERNALILLO CO.					
		CITY PROJECT NO.	599381	2-8-99	SHEET OF		
					1 6		

D.R.B 98-3



VICINITY MAP ZONE ATLAS H-11-Z
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

- CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR IN EXISTING OR NEW LOCATION AS INDICATED BY THIS SET.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

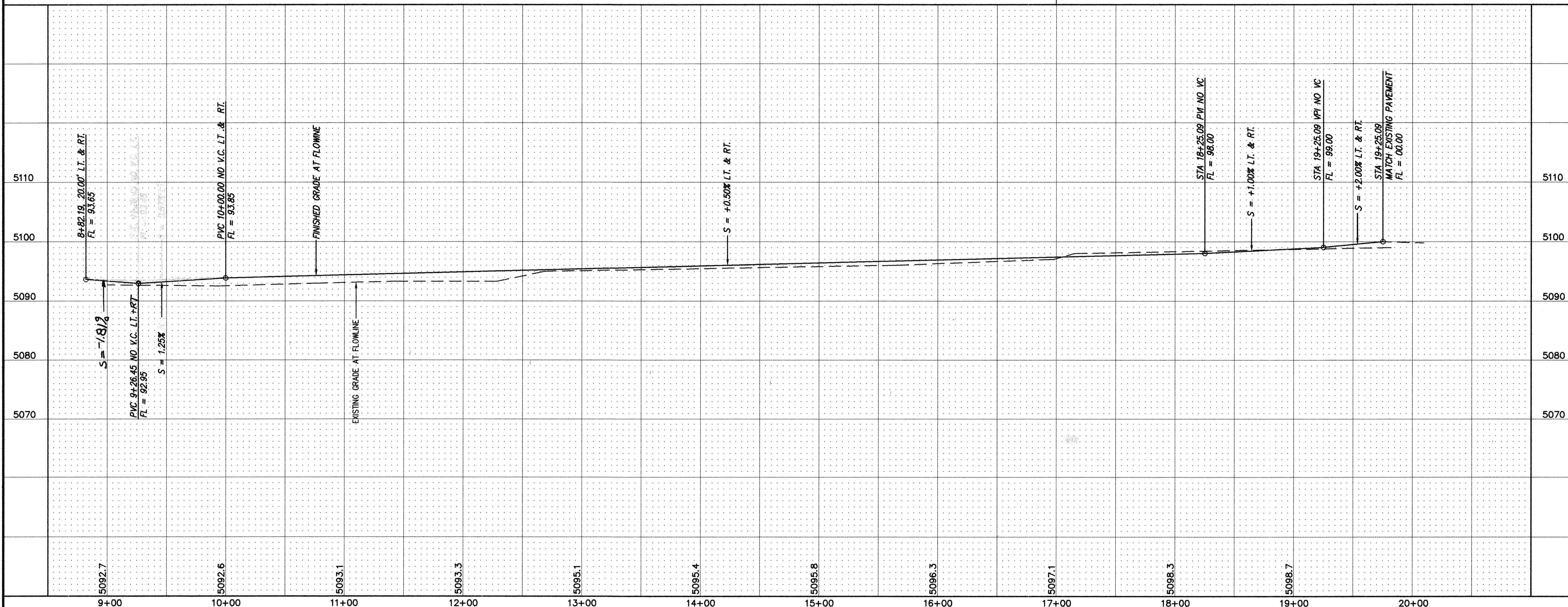
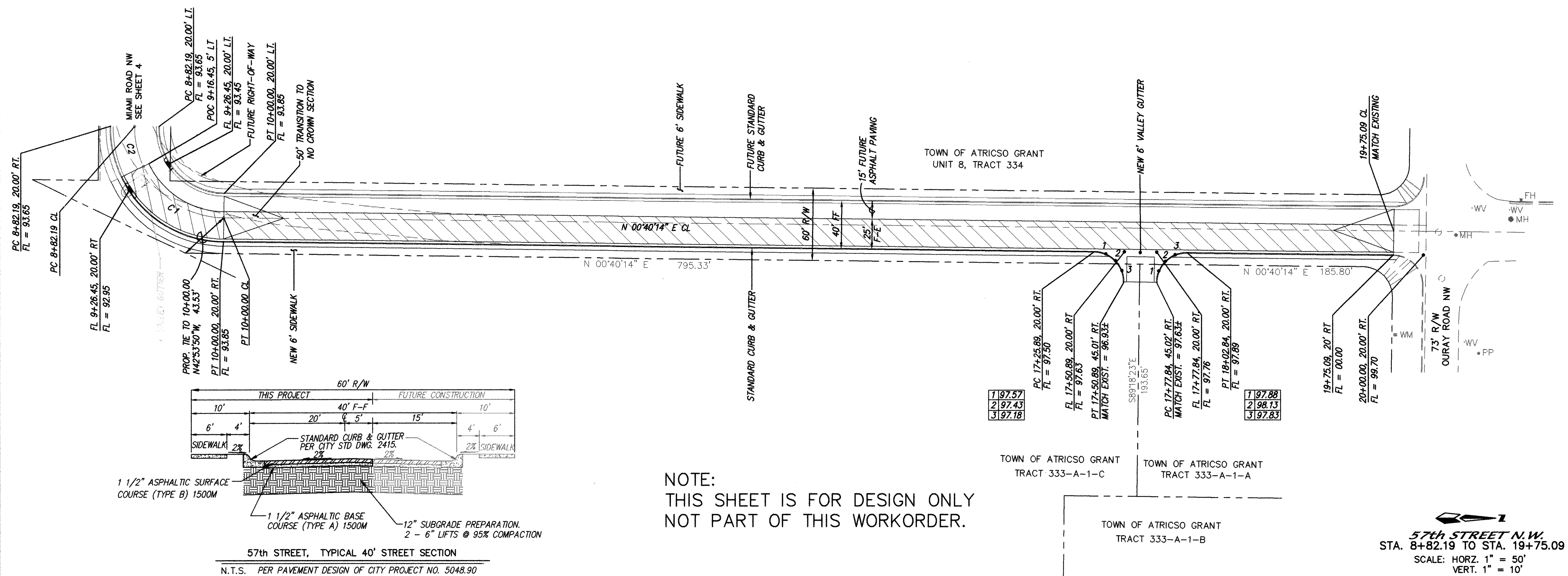
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ 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.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

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NUMBER	Radius'	Delta	Length'	Chord'	Bearing
C1	75.00	63°49'52"	83.55	79.30	N32°35'10"E
C2	75.00	26°10'08"	34.26	33.96	N77°35'10"E



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY	DATE			
					STATION MARK IS A STANDARD INMSCC BRASS TABLET STAMPED		CONTRACTOR
					"M448-IN3, 1989" SET IN TOP OF A CONCRETE POST, FLUSH		WORK STARTED BY
					THE PAVEMENT. STATION IS IN THE WEST EDGE OF PARKING LOT		INSPECTOR'S FIELD VERIFICATION BY
					AT WEST MESA BOWL BOWLING ALLEY, 2.4 MILES NORTH OF THE		DATE
					INTERSECTION OF CENTRAL AVE. NW & COORS RD. NW.		DRAWN DATE
							MICRO-FILM INFORMATION
					X = 0		RECORDED BY
					Y = 0		NO.
					Z = 5000.503		

FOR INFORMATION ONLY

dmc

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **WEST MESA MINI STORAGE PHASE II
PAVING IMPROVEMETS**

DESIGN REVIEW COMMITTEE
APPROVED
OCT 12 1998
DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LATEST DESIGN UPDATE

MO./DAY/YR.	MO./DAY/YR.

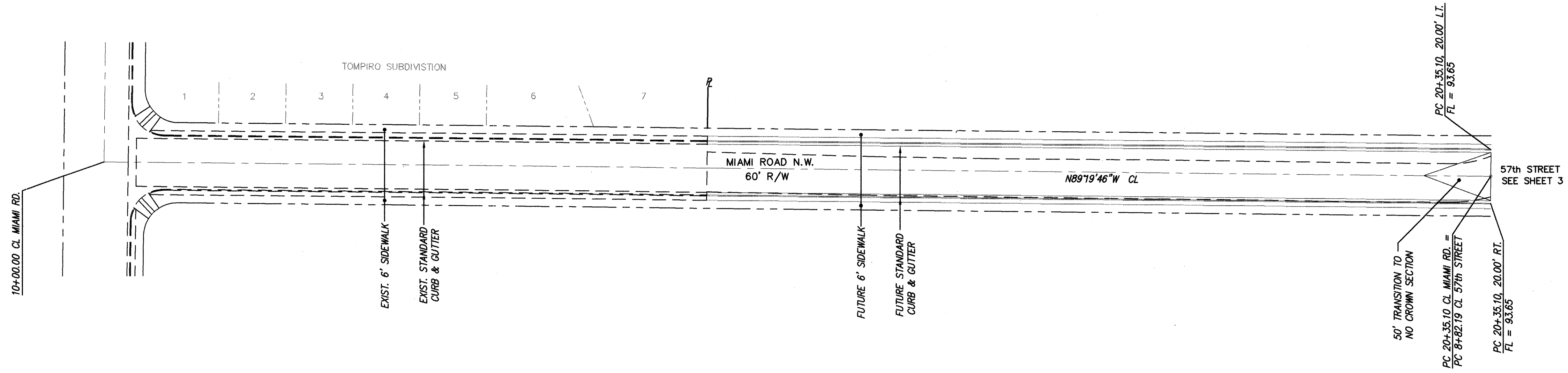
CITY PROJECT NO. 599381

ZONE MAP NO.

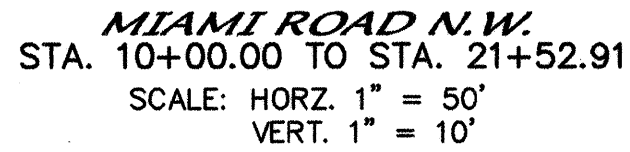
SHEET OF

8031WMMS\8031-PP1\9-23-98

SCANNED BY
MESA REPRO



NOTE:
THIS SHEET IS FOR DESIGN ONLY
NOT PART OF THIS WORKORDER.



The drawing is a profile view of a road section. The vertical axis represents elevation in feet, with major grid lines every 10 feet (5070, 5080, 5090, 5100, 5110). The horizontal axis represents stationing, with major grid lines every 1000 feet (10+00 to 21+00). The profile shows an existing road with a -0.47% grade from station 10+20.01 to 14+50.01, and a future road with a 0.4% grade from station 14+50.01 to 20+35.10. Key points include existing grade lines (FL = 97.39, FL = 95.97, FL = 93.65) and future grade lines (LI & RT).

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

[illegible]

~~FOR~~ INFORMATION ONLY

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ALBUQUERQUE, NEW MEXICO 87199
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	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP
	TITLE: <i>WEST MESA MINI STORAGE PHASE 1 PAVING IMPROVEMENTS</i>

DESIGN REVIEW COMMITTEE

APPROVED

OCT 12 1998

DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR.

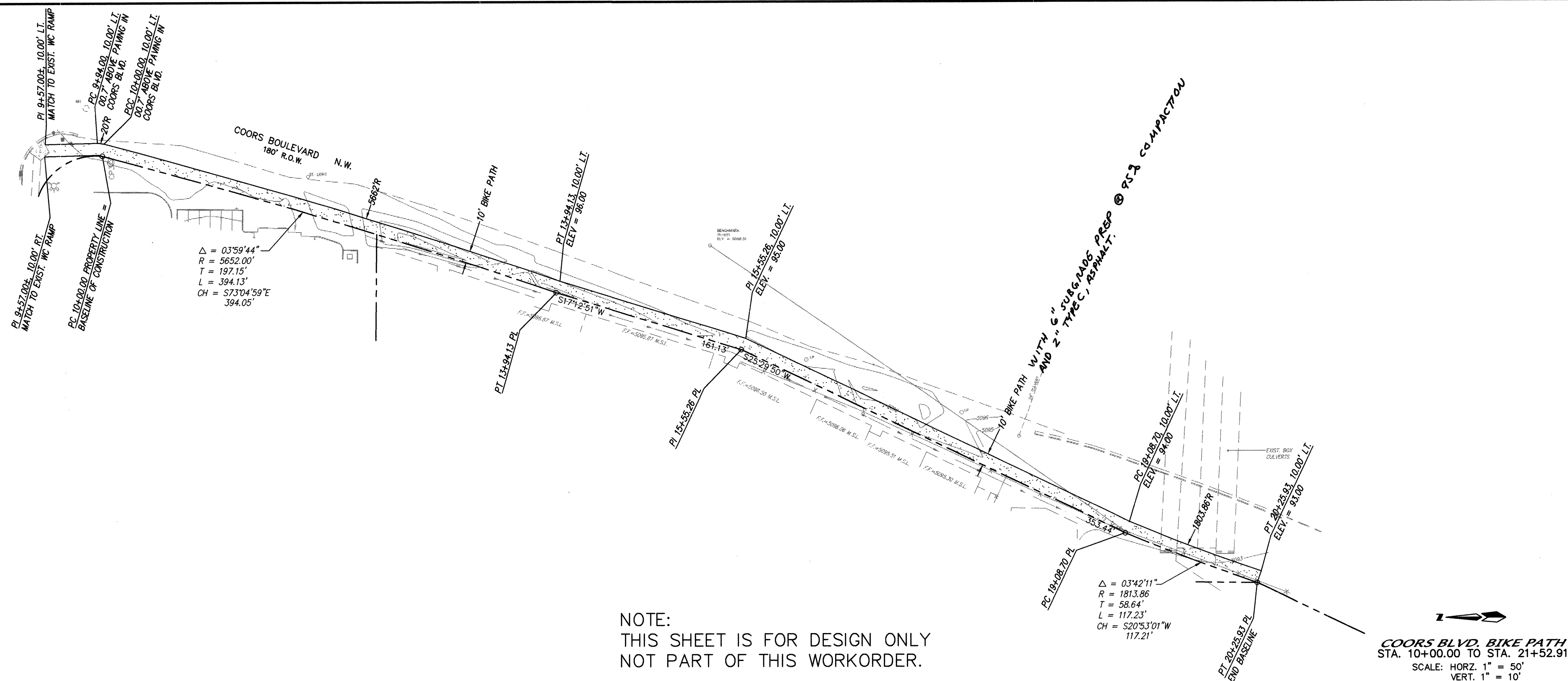
MO./DAY/YR.

CITY PROJECT NO. 599381

ZONE MAP NO.
H11

SHEET 4 OF 6

8031WMMS\8031-PP2\9-23-98



NOTE:
THIS SHEET IS FOR DESIGN ONLY
NOT PART OF THIS WORKORDER.

COORS BLVD. BIKE PATH
STA. 10+00.00 TO STA. 21+52.91
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

[illegible]

10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00
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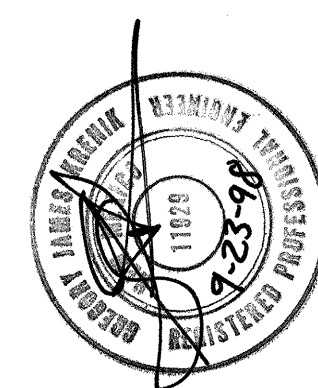
8031WMMS\8031-PP3\9-23-98

NOTES

1. ALL STATIONING IS PROPERTY LINE STATIONING.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	STATION MARK IS A STANDARD INWGS BRASS TABLET STAMPED	CONTRACTOR	WORK	DATE
		"MM448-N3, 1969" SET IN TOP OF A CONCRETE POST, FLUSH WITH THE PAVEMENT. STATION IS IN THE WEST EDGE OF PARKING LOT AT WEST MESA BOWL BOWLING ALLEY, 2.4 MILES NORTH OF THE INTERSECTION OF CENTRAL AVE. NW & COORS RD. NW.	STARTED BY	ACCEPTANCE BY	DATE
			FIELD	VEGETATION BY	DATE
			DRAWINGS	CORRECTED BY	DATE
			MICRO-FILM INFORMATION		
		X = 0	RECORDED BY		DATE
		Y = 0	NO.		
		Z = 5099.527			

ENGINEER'S SEAL

[illegible]

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

DESIGN REVIEW COMMITTEE
APPROVE
OCT 12 1998
DESIGN
REVIEW COMMITTEE

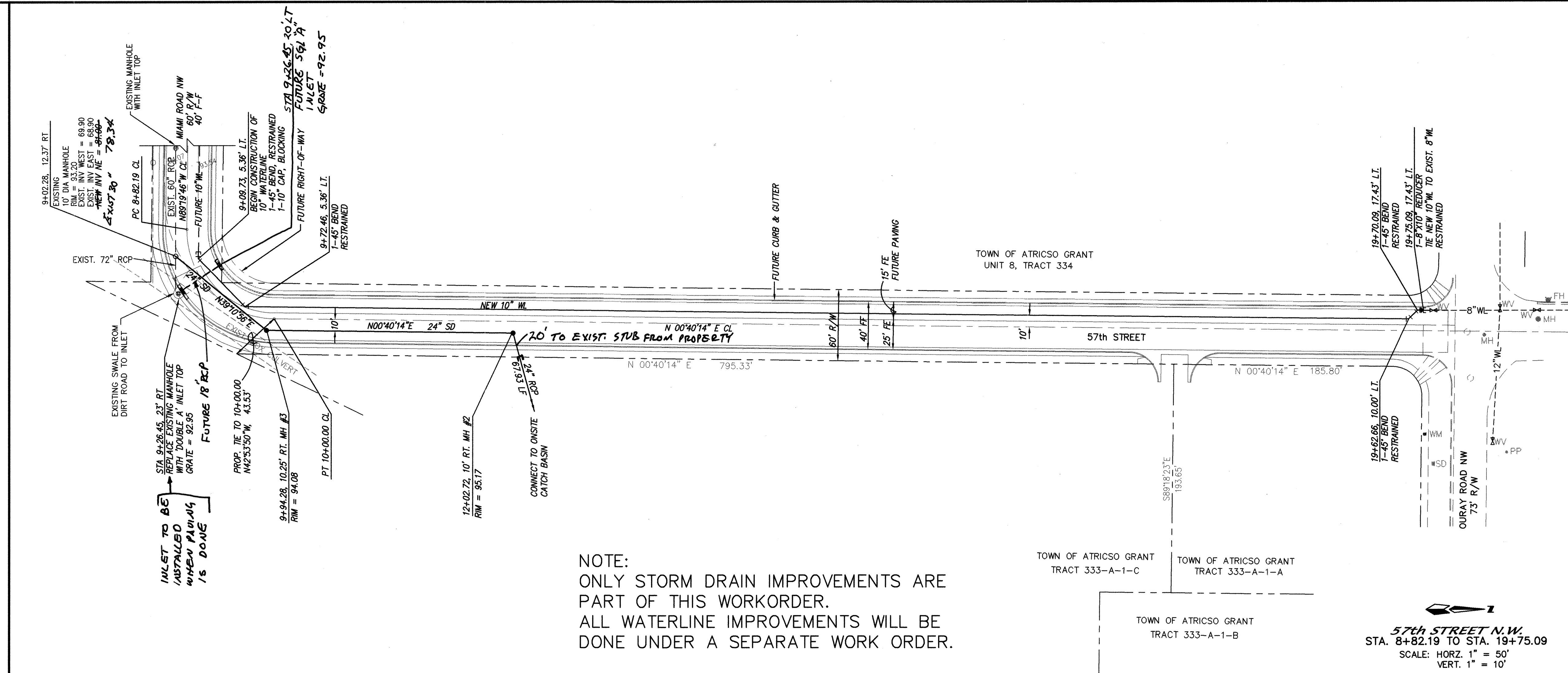
CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

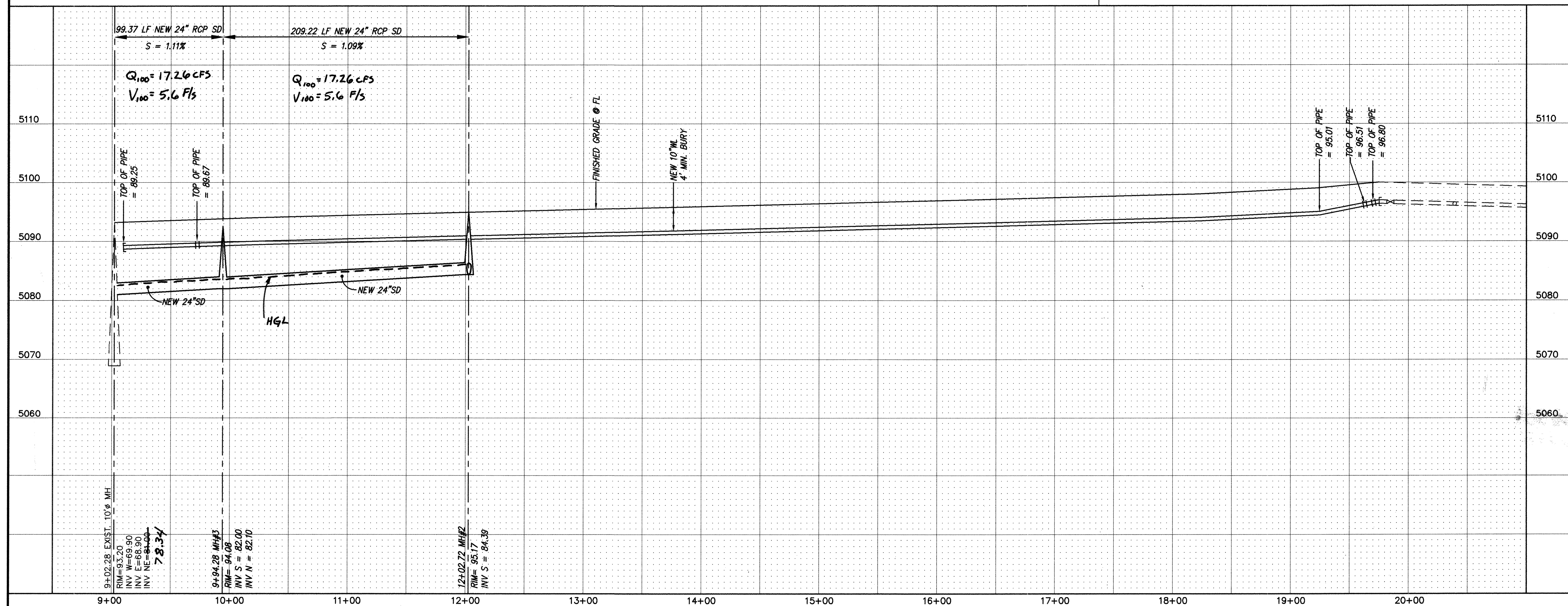
CITY PROJECT NO. 599381

ZONE MAP NO.
H11

SHEET 5 OF 6



NOTE:
ONLY STORM DRAIN IMPROVEMENTS ARE
PART OF THIS WORKORDER.
ALL WATERLINE IMPROVEMENTS WILL BE
DONE UNDER A SEPARATE WORK ORDER.



NOTES

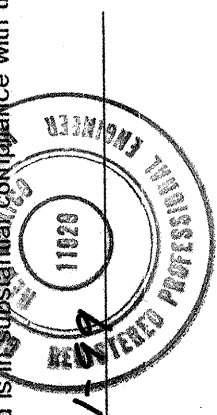
1. ALL STATIONING IS CENTERLINE STATIONING.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	STATION MARK IS A STANDARD MNSG GRASS TABLET STAMPED	CONTRACTOR
				"M448B-M3, 1969 SET IN TOP OF A CONCRETE POST. FLUSH	WORK BY P2C PLUMBING
				THE PAVEMENT. STATION IS IN THE WEST EDGE OF PARKING LOT	INSPECTOR'S DATE 99
				AT WEST MESA BOWL BOWLING ALLEY, 2.4 MILES NORTH OF THE	ACCEPTANCE BY MGA DATE 99
				INTERSECTION OF CENTRAL AVE. NW & COOPS RD. NW.	FIELD VERIFICATION BY P2C PLUMBING DATE 99
					DRAWINGS CORRECTED BY MGA DATE 99
					MICRO-FILM INFORMATION
				X = 0	RECORDED BY
				Y = 0	DATE
				Z = 5099.527	NO.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, T.C. Plumbing, and by the surveyor, Precision Survey, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the

L.D.



Professional Engineer Seal for the State of Texas, No. 17029, signed by J. Edgar Smith, dated 9-23-98.

NO.	DATE	REMARKS	BY			
<i>REVISONS</i>						
DESIGN						
DESIGNED BY	GJK	DATE	9/98			
DRAWN BY	STAFF	DATE	9/98			
CHECKED BY	GJK	DATE	9/98			

FOR INFORMATION ONLY

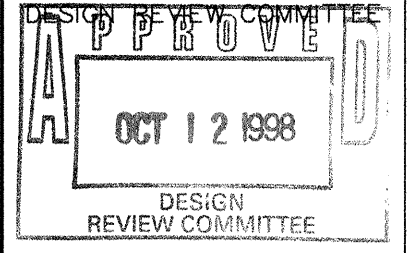
$$\frac{dm}{m} = \frac{M}{P}$$

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **WEST MESA MINI STORAGE PHASE II
STORMDRAIN & WATERLINE IMPROVEMENTS**



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAT./TR.	MO./DAT./TR.

CITY PROJECT NO. 599381

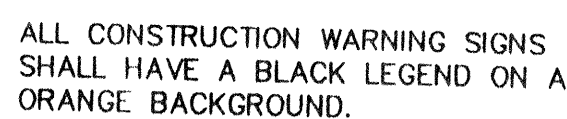
ZONE MAP NO.
H11

SHEET 6 OF 6

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MESA REPRO

- ETC5TND1 DWC

- SIGN FACE DETAILS



	WORK AREA
•	BARRICADE - TYPE I, TYPE II, OR BARREL
— —	BARRICADE - TYPE III
X	VERTICAL PANEL
⋈	WARNING SIGN
D	DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
T	FLAGMAN POSITION
S	SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
L	TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM SPACING IN FEET AFTER TAPER	DEVICE AFTER TAPER
	10' LANE	11' LANE	12' LANE			
20	70	75	80	5	20	20
25	105	115	125	5	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

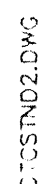
<u>TYPE OF TAPER</u>	<u>TAPER LENGTH</u>
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

SPEED LIMIT

40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

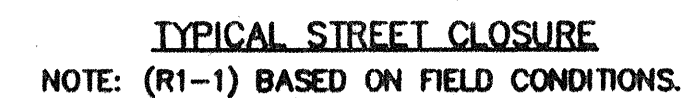
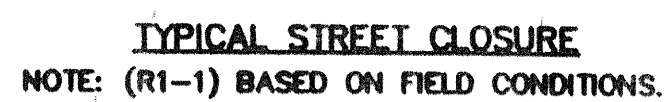
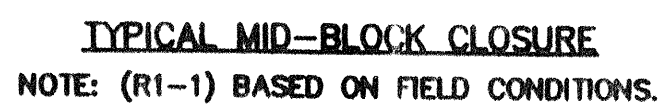
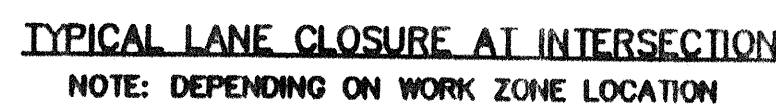
L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK
85-PERCENTILE SPEED IN MPH

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: WEST MESA MINI STORAGE PHASE II SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO / DAY / YR
			MO / DAY / YR
PROJECT NO. 599381	MAP NO. H-11	SHEET 6A OF 6	



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



FOR INFORMATION ONLY.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
WEST MESA MINI STORAGE PHASE
TYPICAL TRAFFIC CONTROL &
SIGNING EXAMPLES (REF. MUT.C.D.)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DAY/YR.	MO./DAY/YR.
PROJECT NO. 599381	MAP NO. H-11	SHEET 68	OF 6	

				ENGINEER'S SEAL	SURVEY INFORMATION	BENCH MARKS	AS BUILT INFORMATION
					FIELD NOTES		
					NO.	BY	DATE
							WORK DATE
							STARTED BY DATE
			J.D.L.				ACCEPTANCE BY DATE
			BY				FIELD DATE
							DRAWN BY DATE
							CHECKED BY DATE
							MICRO-FILM INFORMATION
							RECORDED BY DATE
							NO.