

CONSTRUCTION PLANS

FOR

STORY ROCK

SUBDIVISION - UNIT 1

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-6500.81-20.11

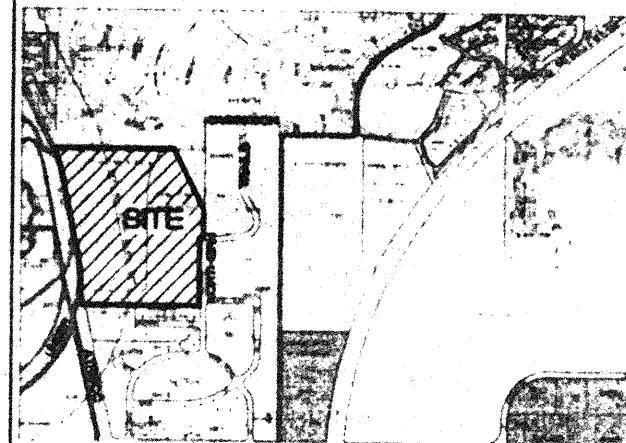
UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
NOVEMBER 2000



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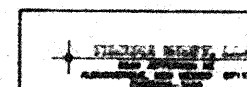
VICINITY MAP ZONE ATLAS F-11-Z

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 THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION (UPDATE #6).
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRED 24-HOUR CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXAMINE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (708-2961) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 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 PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

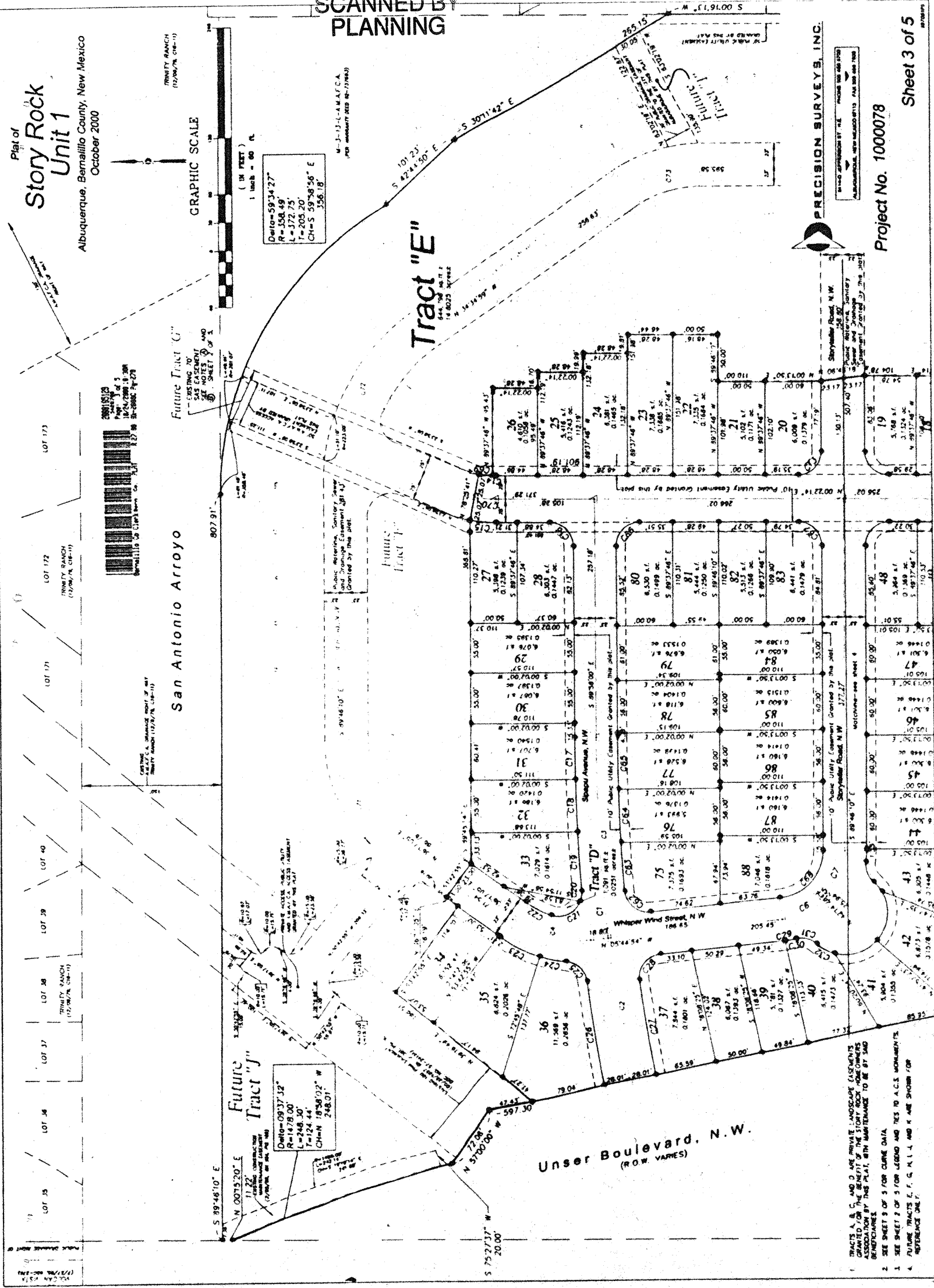
- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☐ SIDEWALKS AND SHOULDER ROPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEEPER 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.



REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE							
APPROVALS		ENGINEER		DATE		APPROVED FOR CONSTRUCTION	
DRC Chairman		[Signature]		2/2/01		[Signature] 3/2/01	
Transportation		[Signature]		02/15/01			
Water/Wastewater		[Signature]		02/15/01			
Hydrology		[Signature]		02/15/01			
CIP / P&S		[Signature]		02/15/01			
Const. Methods		[Signature]		02/15/01			
ASAFCA		[Signature]		02-01-01			
CITY PROJECT NO.				SHEET			
650081				1 of 35			

Plat of
Story Rock
Unit 1

Albuquerque, Bernalillo County, New Mexico
October 2000

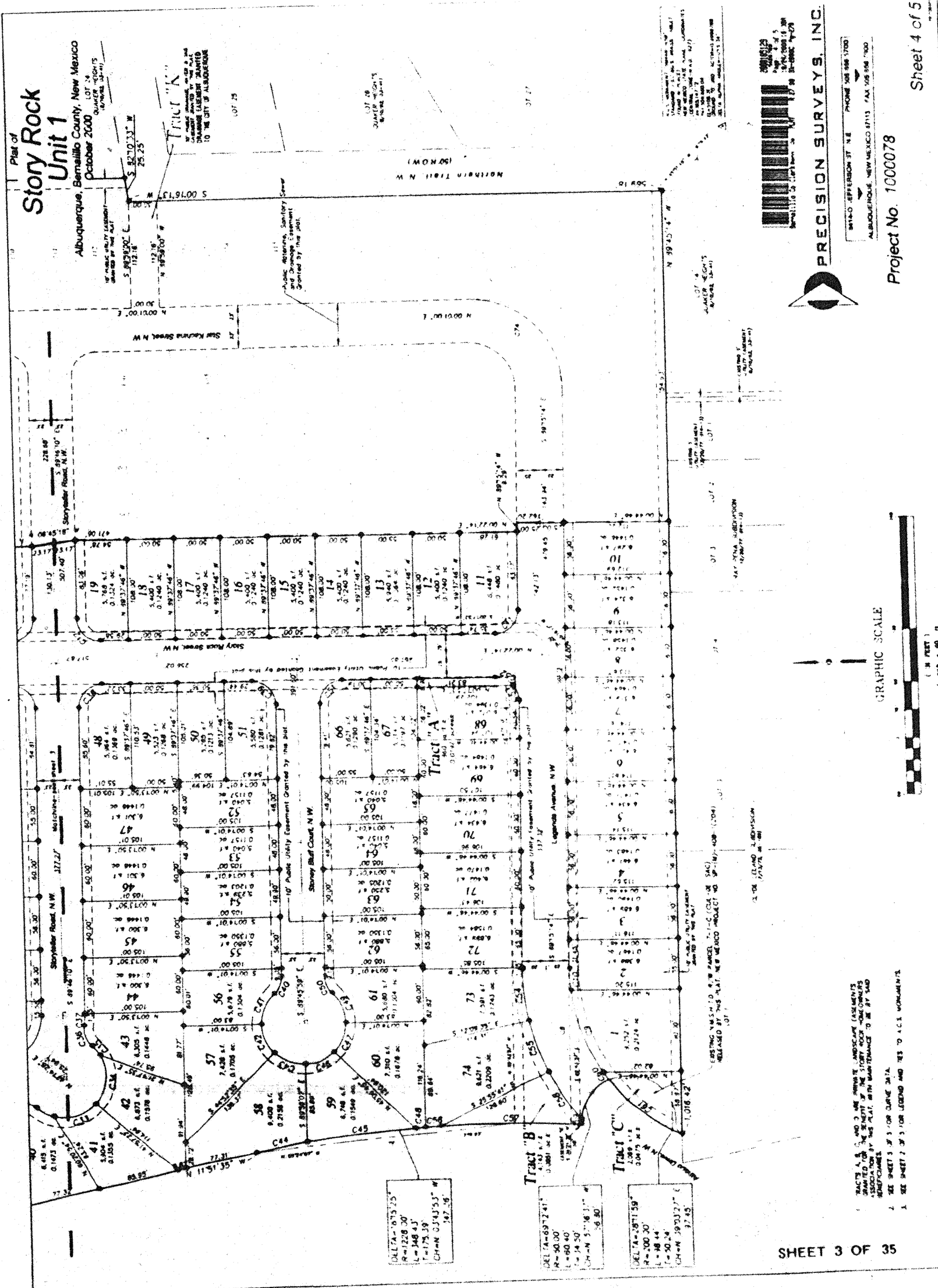


Project No. 1000078

Sheet 3 of 5

Plat of
Story Rock
Unit 1

Albuquerque, Bernalillo County, New Mexico
October 2000

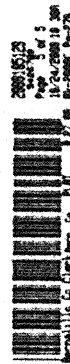


Project No. 1000078

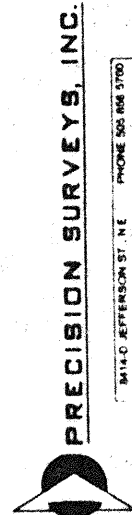
Sheet 4 of 5

SCANNED BY
PLANNING

Plat of
Story Rock
Unit 1
Albuquerque, Bernalillo County, New Mexico
October 2000

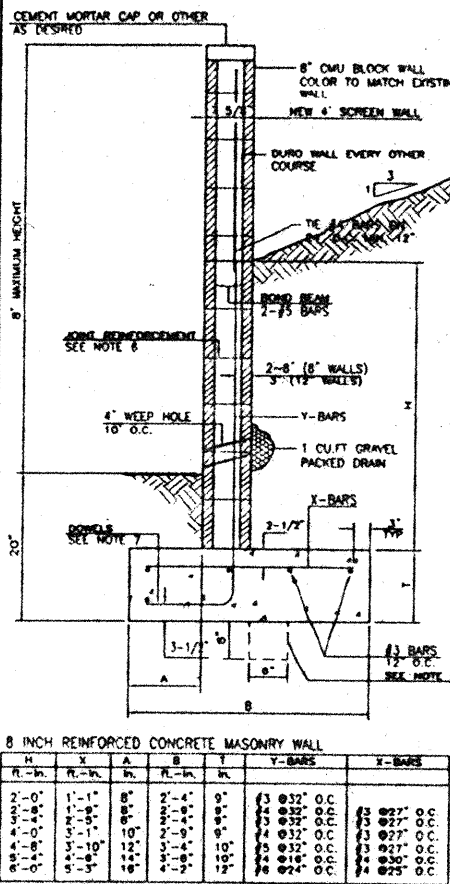


CURVE TABLE					CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	BEARING	CHORD	DELTA	CURVE	RADIUS	LENGTH
C1	2000.00'	371.77'	186.40'	S 84.54.32" W	371.18'	103.5264"	C31	2000.00'	371.77'
C2	2000.00'	156.48'	78.28'	S 81.21.31" W	156.44'	04.24258"	C32	2000.00'	156.48'
C3	2000.00'	215.24'	107.72'	S 83.21.78" W	215.17'	06.138358"	C33	2000.00'	215.24'
C4	1200.00'	68.03'	46.10'	S 123.13.95" W	68.07'	04.701158"	C34	1200.00'	68.03'
C5	75.00'	109.88'	81.38'	S 17.54.15" E	109.88'	04.701158"	C35	75.00'	109.88'
C6	75.00'	54.18'	28.60'	S 48.53.31" E	53.77'	42.00238"	C36	75.00'	54.18'
C7	75.00'	44.88'	28.73'	S 21.54.38" W	45.24'	3.732335"	C37	75.00'	44.88'
C8	200.00'	97.14'	49.35'	S 10.04.12" W	98.19'	2.744255"	C38	200.00'	97.14'
C9	200.00'	23.80'	11.81'	S 87.21.35" W	23.58'	08.55435"	C39	200.00'	23.80'
C10	200.00'	39.11'	24.84'	S 45.28.30" E	39.24'	09.21138"	C40	200.00'	39.11'
C11	25.00'	39.21'	24.84'	S 45.18.58" E	39.24'	09.21138"	C41	25.00'	39.21'
C12	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C42	25.00'	3.47'
C13	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C43	25.00'	3.47'
C14	154.00'	21.72'	13.90'	S 63.50.31" W	21.68'	10.57714"	C44	154.00'	21.72'
C15	25.00'	38.12'	24.85'	S 45.12.07" E	35.25'	09.27855"	C45	25.00'	38.12'
C16	2021.00'	55.08'	27.54'	S 87.21.31" W	55.08'	07.13102"	C46	2021.00'	55.08'
C17	2021.00'	55.04'	27.52'	S 87.21.31" W	55.08'	07.13102"	C47	2021.00'	55.04'
C18	2021.00'	61.90'	31.15'	S 80.52.54" E	61.87'	07.44135"	C48	2021.00'	61.90'
C19	2021.00'	11.78'	6.11'	S 05.52.54" E	11.87'	2.728358"	C49	2021.00'	11.78'
C20	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C50	25.00'	3.47'
C21	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C51	25.00'	3.47'
C22	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C52	25.00'	3.47'
C23	141.00'	47.54'	23.99'	S 23.54.38" W	47.32'	12.28135"	C53	141.00'	47.54'
C24	141.00'	28.11'	14.41'	S 17.28.31" W	28.68'	11.35238"	C54	141.00'	28.11'
C25	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C55	25.00'	3.47'
C26	2008.00'	115.51'	57.78'	S 80.52.54" E	115.50'	07.44135"	C56	2008.00'	115.51'
C27	123.00'	104.70'	52.36'	S 18.54.31" E	104.72'	07.44135"	C57	123.00'	104.70'
C28	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C58	25.00'	3.47'
C29	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C59	25.00'	3.47'
C30	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C60	25.00'	3.47'
C31	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C61	25.00'	3.47'
C32	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C62	25.00'	3.47'
C33	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C63	25.00'	3.47'
C34	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C64	25.00'	3.47'
C35	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C65	25.00'	3.47'
C36	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C66	25.00'	3.47'
C37	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C67	25.00'	3.47'
C38	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C68	25.00'	3.47'
C39	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C69	25.00'	3.47'
C40	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C70	25.00'	3.47'
C41	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C71	25.00'	3.47'
C42	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C72	25.00'	3.47'
C43	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C73	25.00'	3.47'
C44	25.00'	3.47'	1.71'	S 01.41.11" W	3.42'	02.02278"	C74	25.00'	3.47'



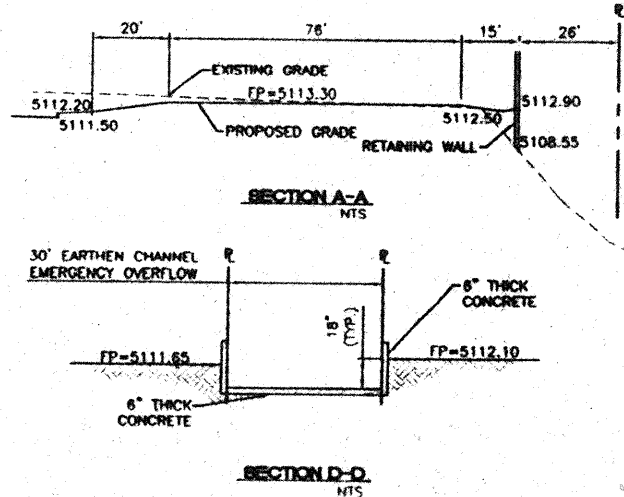
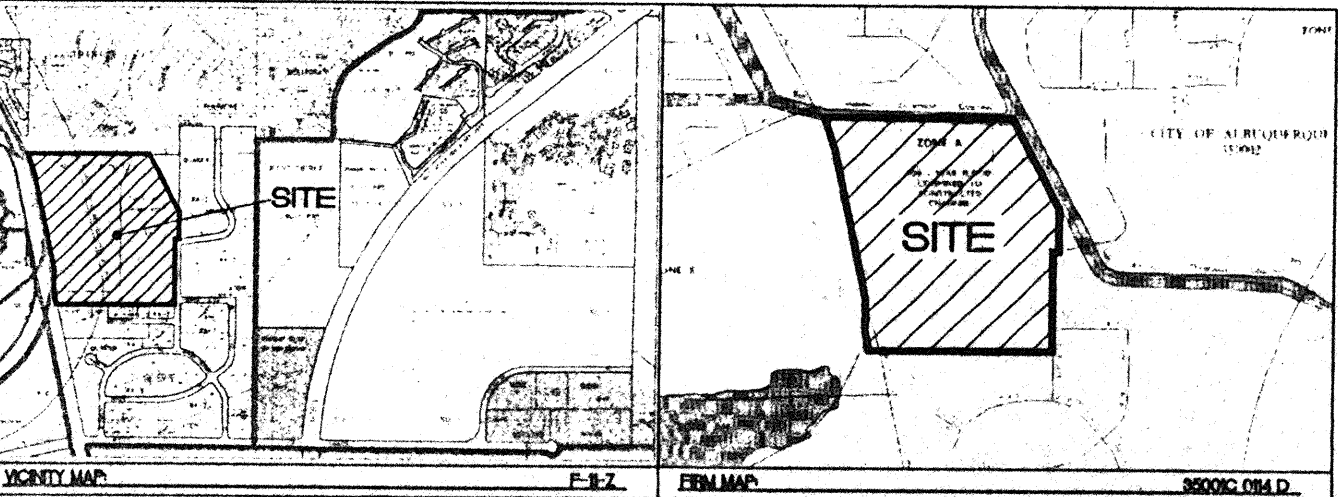
11410 JEFFERSON ST. N.E.
ALBUQUERQUE, NEW MEXICO 87113
PHONE 505.886.5700
FAX 505.886.7000

Project No. 10000078



- GENERAL NOTES:**
1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
 2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12\"/>

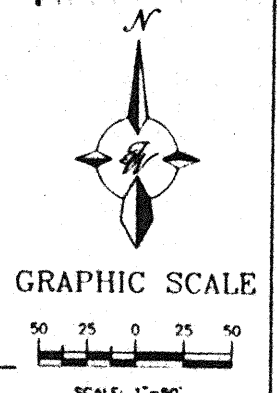
RETAINING WALL DETAIL
NTS

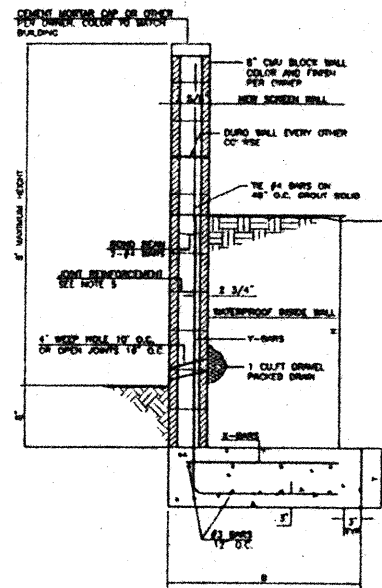


- LEGAL DESCRIPTION**
AREA OF UNPLATTED LAND OF LANDS OF CLARKE-ANNE SIMM CLARKE
- NOTES:**
1. ALL ELEVATIONS SHOWN ARE FLOWLINE, UNLESS OTHERWISE NOTED.
 2. ALL CURBWORK IS MOUNTABLE CURB & GUTTER, UNLESS OTHERWISE NOTED.
 3. ALL TRACTS A-K, GRADED SMOOTH PER GRADING & DRAINAGE PLAN (REFER TO LANDSCAPING PLAN FOR FINAL TREATMENTS).
 4. REFER TO SITE PLAN-GENERAL NOTES FOR ALL WALL TREATMENTS.
- LEGEND**
- BOUNDARY LINE
 - EASEMENT
 - EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - PROPOSED LOT LINE
 - PROPOSED SETBACK
 - PROPOSED SIDEWALK
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - EXISTING STORM SEWER LINE
 - EXISTING STORM SEWER MANHOLE
 - PROPOSED STORM SEWER LINE
 - PROPOSED STORM SEWER MANHOLE
 - PROPOSED DOUBLE 'A' BUILT

ROUGH GRADING APPROVAL

	STORY ROCK SUBDIVISION		DRAWN BY DATE 12-05-2000 9950096.DWG
	GRADING AND DRAINAGE PLAN-SHEET 'A'		SHEET # 5 OF 35 JOB # 990040.C02
TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)856-3100			

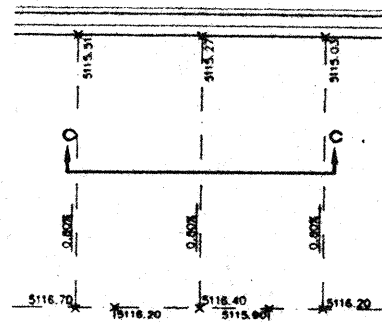




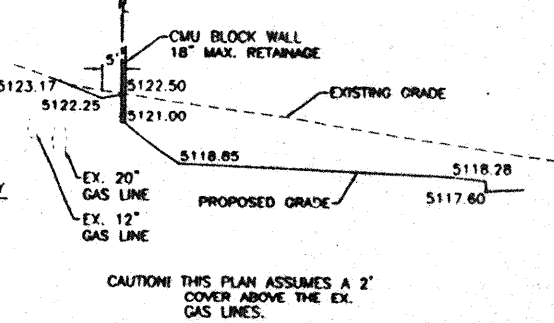
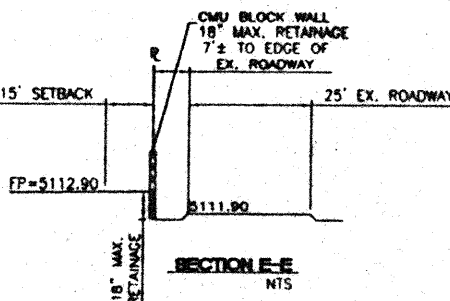
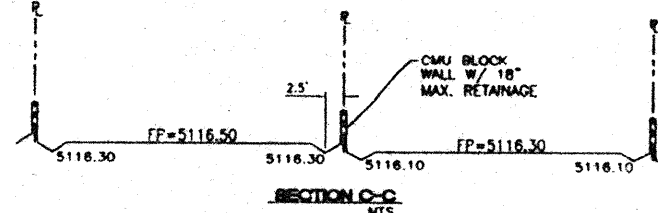
8 INCH REINFORCED CONCRETE MASONRY WALL (FOR RETAINING PORTION ONLY)			
H	B	V-BARS	X-BARS
1'-4"	1'-8"	#4 @ 24" O.C.	#4 @ 16" O.C.
1'-6"	1'-10"	#4 @ 24" O.C.	#4 @ 16" O.C.
1'-8"	1'-12"	#4 @ 24" O.C.	#4 @ 16" O.C.
2'-0"	2'-0"	#4 @ 24" O.C.	#4 @ 16" O.C.
2'-2"	2'-2"	#4 @ 24" O.C.	#4 @ 16" O.C.
2'-4"	2'-4"	#4 @ 24" O.C.	#4 @ 16" O.C.
2'-6"	2'-6"	#4 @ 24" O.C.	#4 @ 16" O.C.
2'-8"	2'-8"	#4 @ 24" O.C.	#4 @ 16" O.C.
3'-0"	3'-0"	#4 @ 24" O.C.	#4 @ 16" O.C.

- GENERAL NOTES:
1. ALL CONCRETE IS TO BE 3000 PSI @ 28 DAYS.
 2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE $\pm 2.0\%$.
 3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
 4. ALL BARS ARE TO BE GRADE 60, ASTM B15.
 5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
 6. USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 12'.
 7. 30 BAR DIAMETER LAPS TYPICAL.
 8. DUR-O-WALL HORIZONTAL JOINT REINFORCEMENT 16" O.C.
 9. GROUT JOINTS 16" O.C. TYPICAL AT FIRST COURSE.
 10. OWNER TO SELECT MASONRY COLOR AND/OR FINISH.
 11. SOLID MASONRY CAP COURSE TYPICAL.
 12. WATER PROOF WALL.

L-FOOTING
RETAINING WALL DETAIL
NTS

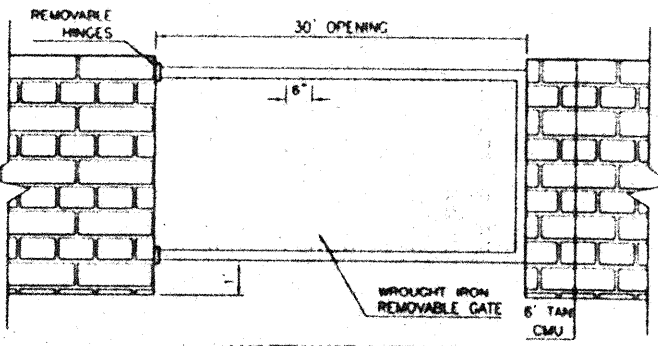
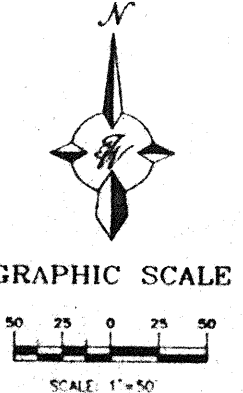


TYPICAL LOT GRADING DETAIL
SCALE: 1"=30'



- NOTES:
1. ALL ELEVATIONS SHOWN ARE FLOWLINE, UNLESS OTHERWISE NOTED.
 2. ALL CURBWORK IS MOUNTABLE CURB & GUTTER, UNLESS OTHERWISE NOTED.
 3. ALL TRACTS A-K, GRADED SMOOTH PER GRADING & DRAINAGE PLAN (REFER TO LANDSCAPING PLAN FOR FINAL TREATMENTS).
 4. REFER TO SITE PLAN-GENERAL NOTES FOR ALL WALL TREATMENTS.

- LEGEND
- BOUNDARY LINE
 - EASEMENT
 - EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - PROPOSED LOT LINE
 - PROPOSED SETBACK
 - PROPOSED SIDEWALK
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - EX- 48" RCP
 - EX- 36" RCP
 - PROPOSED STORM SEWER LINE
 - PROPOSED STORM SEWER MANHOLE
 - PROPOSED DOUBLE "A" INLET



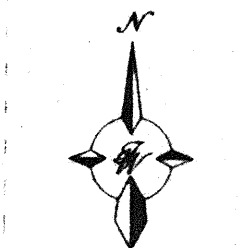
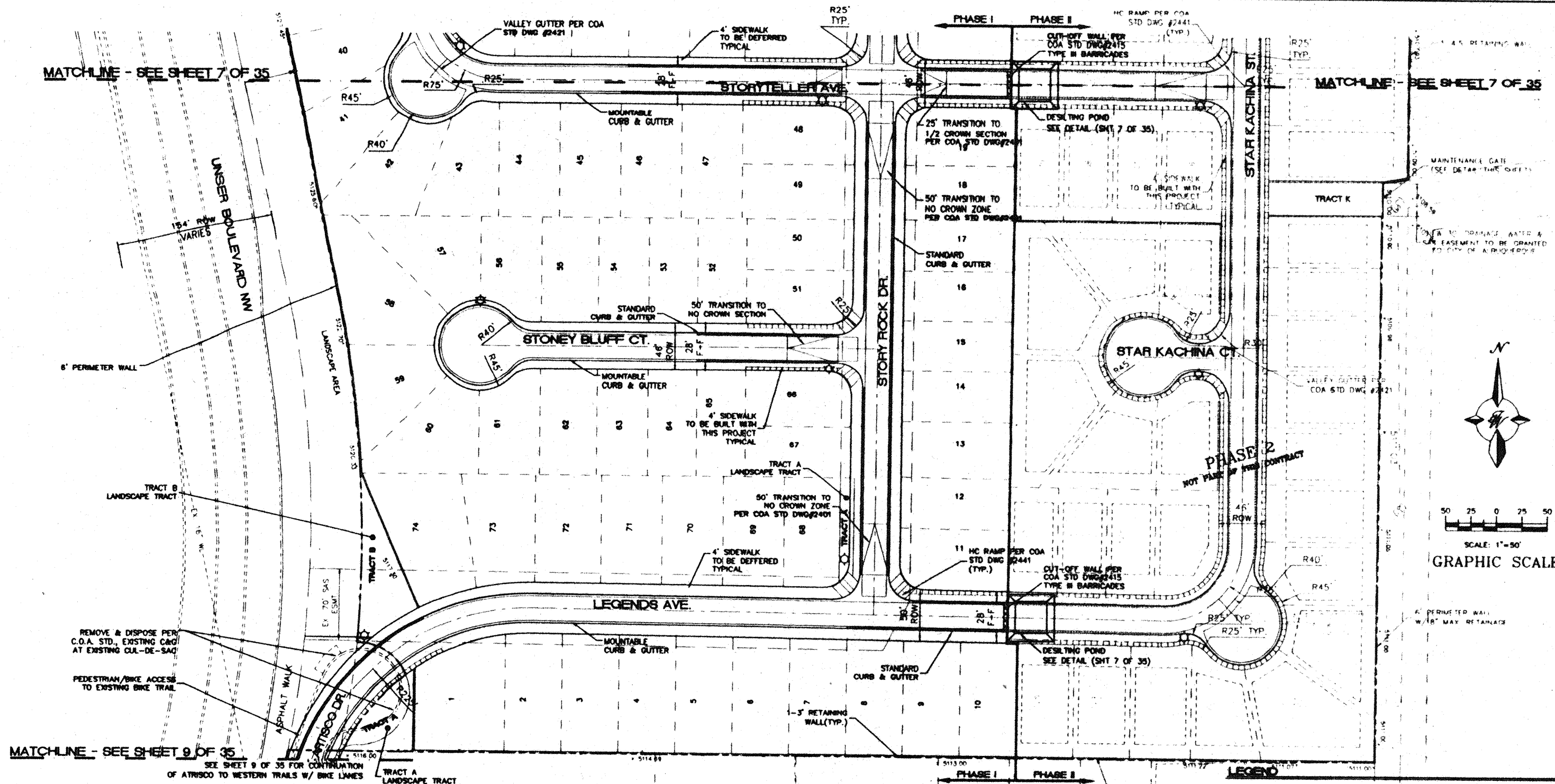
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	GRADING AND DRAINAGE PLAN-SHEET "B"		DATE: 12-05-2000
	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505) 898-3100		DESIGNED BY: DBS
			SHEET # 6 OF 35

[illegible]

 TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NM 87113 (505) 858-3100	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	NO DATE	NO DATE	AL CIVIL-40 JAMES NAWAS AL CIVIL-40 AL CIVIL-40 AL CIVIL-40
TITLE	STORY ROCK SUBDIVISION - UNIT 1 MASTER PAVING PLAN - A			
DESIGN REVIEW COMMITTEE REF: 3 DESIGN REVIEW COMMITTEE	DESIGN REVIEW COMMITTEE MSR - 7 2001 CITY ENGINEER	NO DATE	NO DATE	
CITY PROJECT NO. 650081	70156 MSR 12 1 1 2	DATE	NO	36

[illegible]

SCANNED BY
PLANNING



50 25 0 25 50

SCALE: 1"=50'

GRAPHIC SCALE

BENCH MARKS		AS BUILT INFORMATION	
ACS 1-110*	CENTRAL STATION DATA	CONTRACT NO.	DATE
	NAME STATE PLANE COORDINATES	PROJECT NO.	DATE
		DESIGNATION BY	DATE
	Control Zone	DESIGNATION BY	DATE
	Re=302210.44	PROJECTED BY	DATE
	Re=150855.87		
	2-0-0-0.8896704		
	Re=-00715.95*		
	LEV=-3255.21		

SURVEY INFORMATION

ENGINEER'S SEAL



NO		DATE	REMARKS
DESIGN			
DESIGNED BY	UP	DATE	10-2000
DRAWN BY	UP	DATE	12-2000
CHECKED BY	DS	DATE	12-2000

EXISTING CURB & GUTTER
- BOUNDARY LINE
EASEMENT
PROPOSED SIDEWALK, TO BE BUILT WITH THIS PROJECT
PROPOSED SIDEWALK, TO BE DEFERRED
- PROPOSED STANDARD CURB & GUTTER
PROPOSED MOUNTABLE CURB & GUTTER
PROPOSED STREET LIGHT

TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

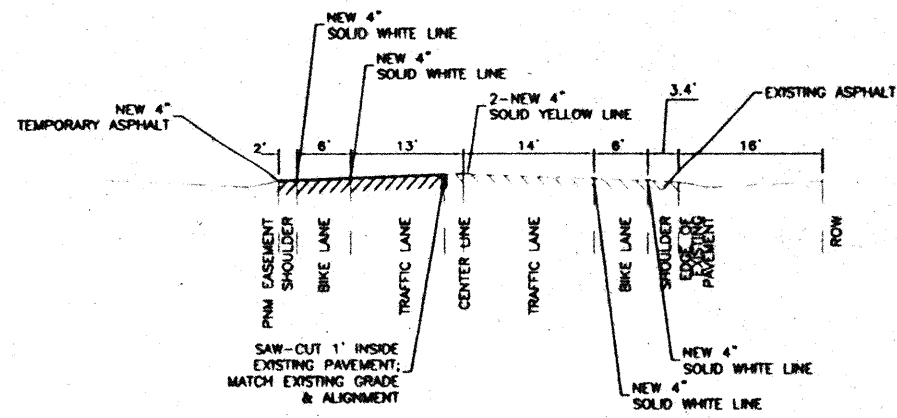
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **STORY ROCK SUBDIVISION - UNIT 1**
MASTER PAVING PLAN - B

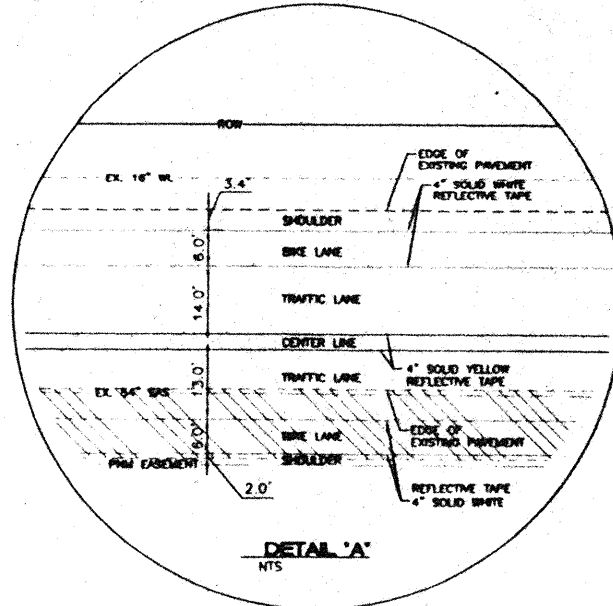
APPROVED: MAY 3 1964
CITY ENGINEER

CITY PROJECT NO	ZONE MAP NO	SHEET	OF
650081	8-11-2	8	35

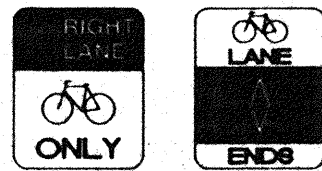
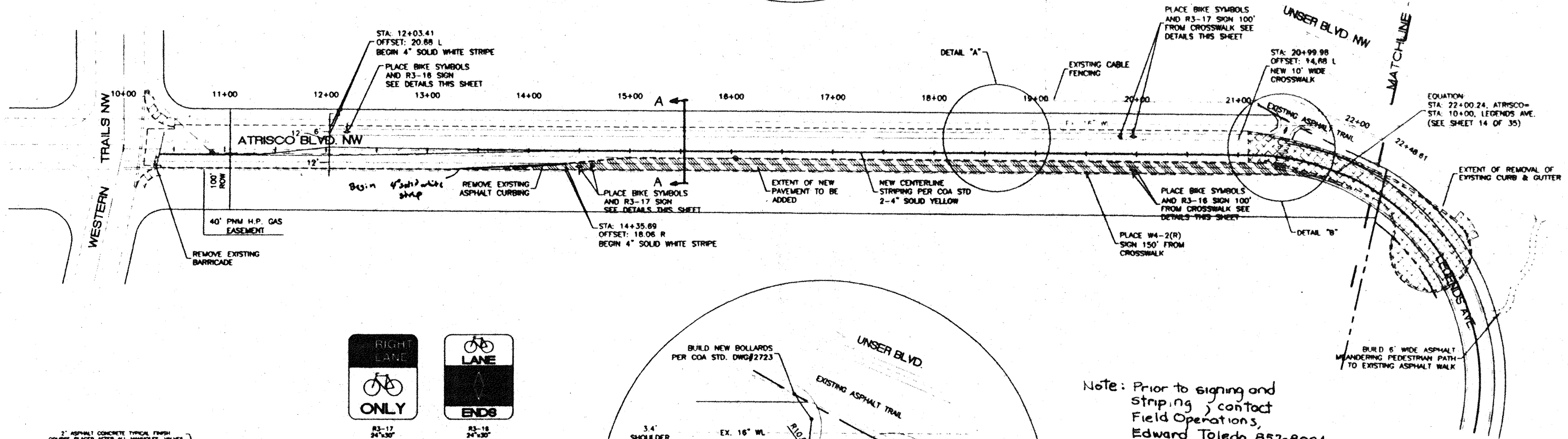
SCANNED BY
PLANNING



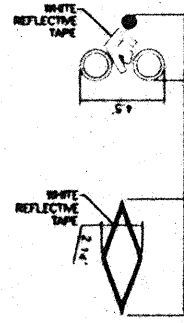
SECTION A-A
NTS



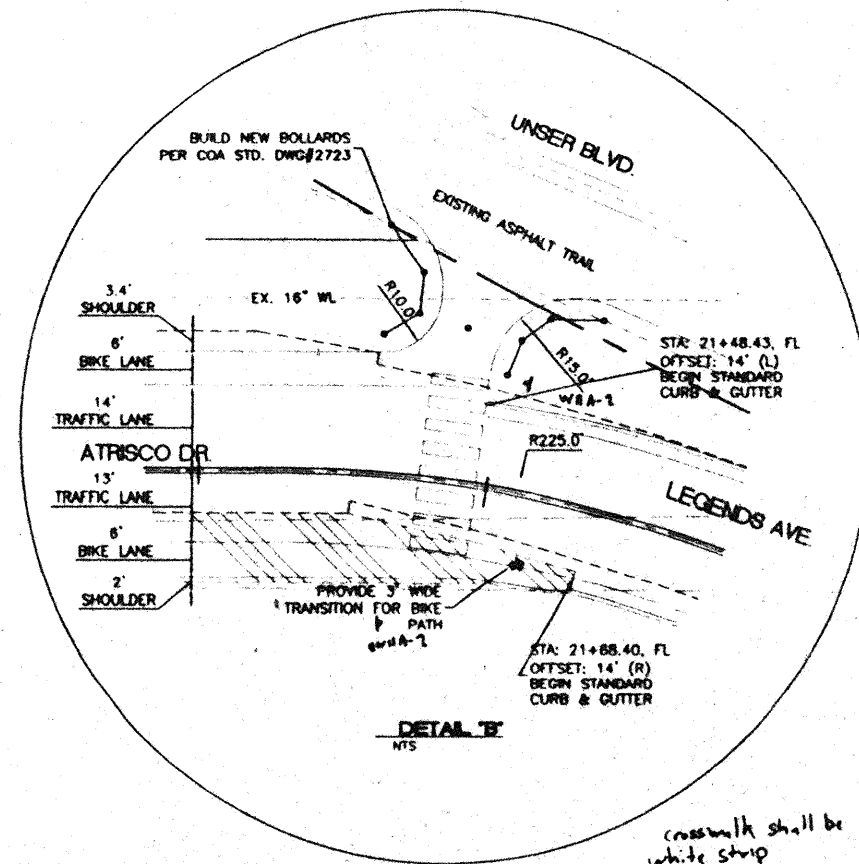
DETAIL 'A'
NTS



HIGH DETAILS



**ONE LANE
SYMBOL DETAIL**

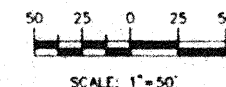


DETAIL B
NTS

Note: Prior to signing and stripping, contact Field Operations, Edward Toledo, 857-8004

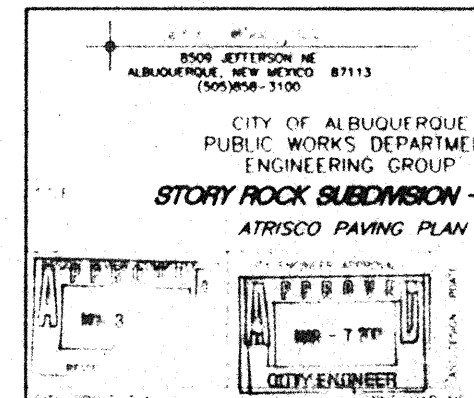


GRAPHIC SCALE



SCALE: 1"=50'

- NOTES
1. BASIS FOR STATIONING IS CL OF WESTERN TRAILS NW
 2. REMOVE EXISTING ROAD STRIPING AND REPLACE



STORY ROCK SUBDIVISION - UNIT 1
ATRISCO PAVING PLAN

BENCH MARKS					
ACS "3"-F10"					
CENTRAL STATION DATA					
STATION NAME					
N.M. STATE PLANE COORDINATES					
Central Zone					
Easting = 8438272.644					
Northing = 5406551.87					
G-G=0.99996704					
Datum = "07" US "					
ELEVATION = 5235.21'					

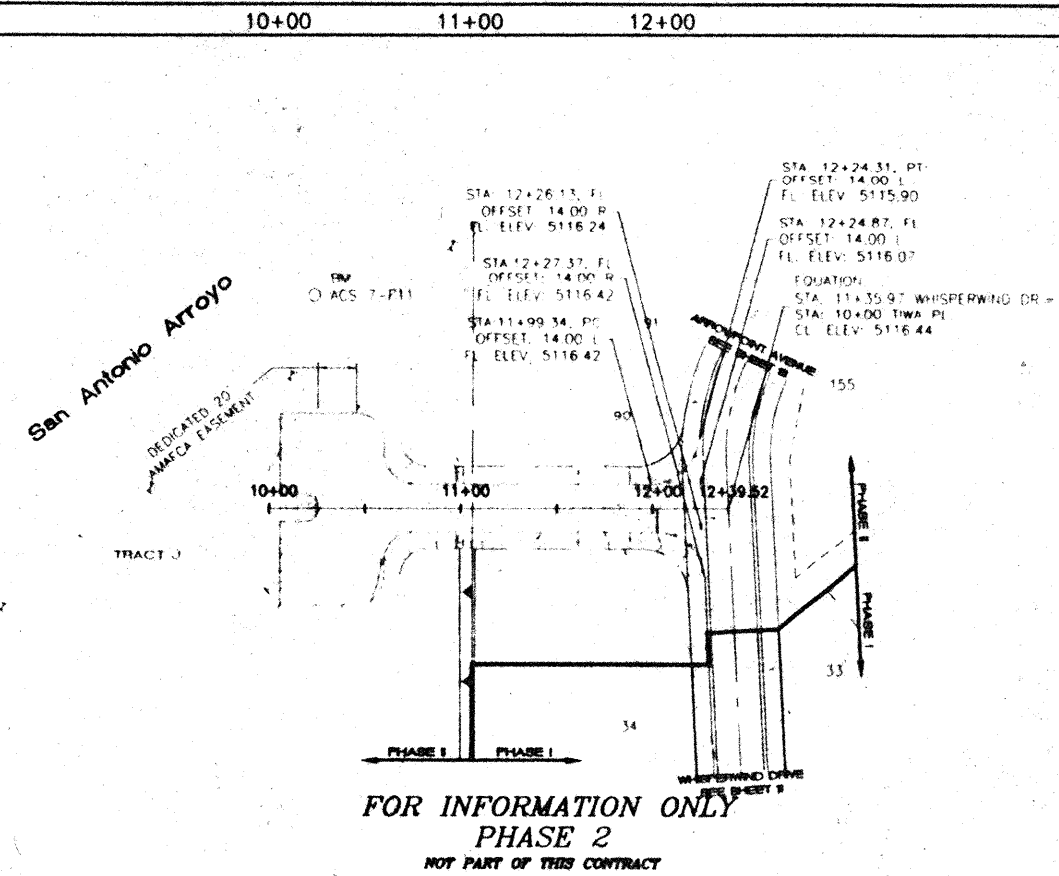
SURVEY INFORMATION



AMERICAN SOCIETY OF
PROFESSIONAL ENGINEERS

02-2001

SCANNED BY
PLANNING



TIWA PLACE
STA: 10+00 TO 12+39.52

5120

EXISTING GRADE
CL

5110

FOR INFORMATION ONLY
PHASE 2
NOT PART OF THIS CONTRACT

5100

10+00

11+00

12+00

5120

5110

5100

QUARTER POINTS



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

ENGINEER'S SEAL



SURVEY INFORMATION

BENCH MARKS

AS BUILT INFORMATION

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION
ACS 7-P11	ACS 7-P11	ACS 7-P11
CENTRAL STATION DATA	CENTRAL STATION DATA	CENTRAL STATION DATA
NM STATE PLANE COORDINATES	NM STATE PLANE COORDINATES	NM STATE PLANE COORDINATES
Central Zone	Central Zone	Central Zone
X=382218.44	X=382218.44	X=382218.44
Y=1508551.87	Y=1508551.87	Y=1508551.87
Q-C=0.9996704	Q-C=0.9996704	Q-C=0.9996704
Do=-0015.53"	Do=-0015.53"	Do=-0015.53"
ELEV= 5255.21	ELEV= 5255.21	ELEV= 5255.21

8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **STORY ROCK SUBDIVISION - UNIT 2**
PAVING IMPROVEMENTS
TIWA PLACE STA: 10+00 TO STA: 12+39.52

CITY ENGINEER

DATE: 7-2007

CITY PROJECT NO. 65008

SCANNED BY
PLANNING

10+00 11+00 12+00 13+00 14+00 15+00 16+00

KEYED NOTE:

- (A) VALLEY GUTTER PER C.O.A. STD DWG #2421
- (B) 4' SIDEWALK TO BE DEFERRED
- (C) 4' SIDEWALK TO BE BUILT WITH THIS PROJECT
- (D) MOUNTABLE CURB PER C.O.A. STD DWG #2415
- (E) STANDARD CURB PER C.O.A. STD DWG #2415

NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.
4. CUT-OFF TO BE BUILT PER C.O.A. STD DWG #2415.
5. ALL INTERSECTIONS SHALL BE BUILT PER C.O.A. STD DWG #2401

FOR INFORMATION ONLY
PHASE 2
NOT PART OF THIS CONTRACT

FOR INFORMATION ONLY
PHASE 2
NOT PART OF THIS CONTRACT

QUARTER POINTS

FL	ELEV	FL	ELEV	FL	ELEV
1	5116.57	4	5116.65	7	5116.33
2	5116.42	5	5116.60	8	5116.58
3	5116.47	6	5116.64	9	5116.62
10	5116.60	13	5117.96	16	5117.68
11	5116.81	14	5117.88	17	5117.66
12	5116.68	15	5117.79	18	5117.63

CURVE	LENGTH	RADIUS	CHORD	CHORD DIRECTION
C1	26.95	25.00	34.48	N85°41'36"E
C2	37.98	25.00	34.42	N07°12'36"W
C3	34.88	25.00	35.18	N42°48'36"W
C4	39.34	25.00	35.83	N61°30'37"W
C5	39.80	25.00	35.59	S42°11'18"E
C6	43.18	25.00	36.28	S42°11'18"E
C7	112.88	126.00	108.86	S67°15'28"W
C8	99.50	106.00	96.18	S67°15'28"W
C9	112.88	134.00	108.32	S68°08'28"W
C10	88.53	126.00	86.97	S12°18'58"W
C11	51.25	106.00	50.75	S12°28'50"W
C12	78.34	134.00	77.42	S12°28'50"W

LINE	LENGTH	BEARING
L1	86.89	N38°17'08"E
L2	28.70	N38°17'08"E
L3	86.89	N38°17'08"E
L4	71.80	N38°17'08"E
L5	71.80	N38°17'08"E
L6	71.80	N38°17'08"E
L7	205.45	N02°44'54"W
L8	167.03	N02°44'54"W
L9	143.24	N02°44'54"W
L10	147.53	N02°44'54"W



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

AS BUILT INFORMATION

BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL



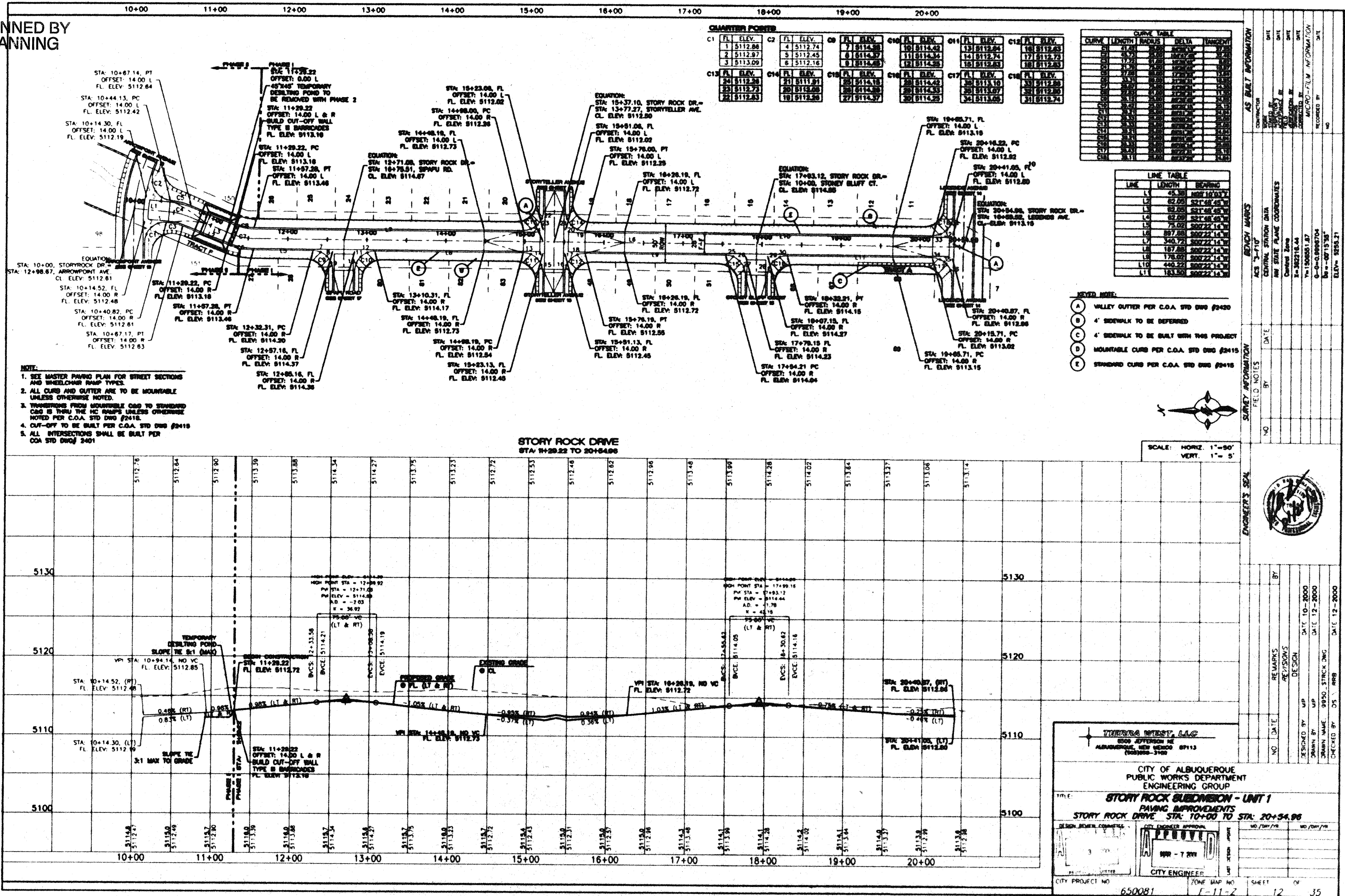
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 9-2000
DRAWN: [Signature]
DATE: 12-2000
CHECKED: [Signature]
DATE: 12-2000

8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

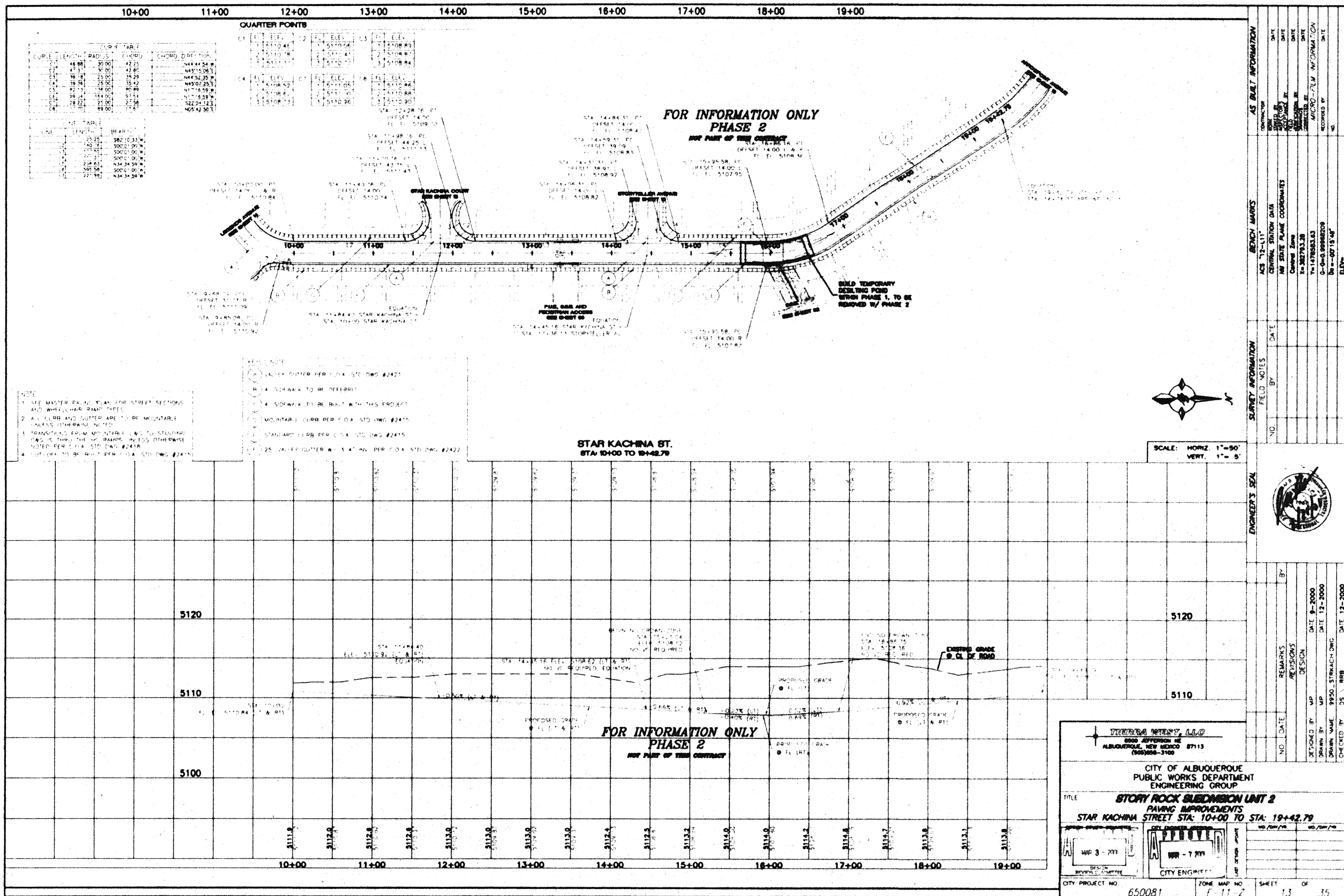
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

STORY ROCK SUBDIVISION - UNIT 1
PAVING IMPROVEMENTS
WHISPER WIND DR. STA: 10+00 TO STA: 15+64.77

CITY ENGINEER APPROVAL
[Signature]
CITY ENGINEER



SCANNED BY
PLANNING



SCANNED BY
PLANNING

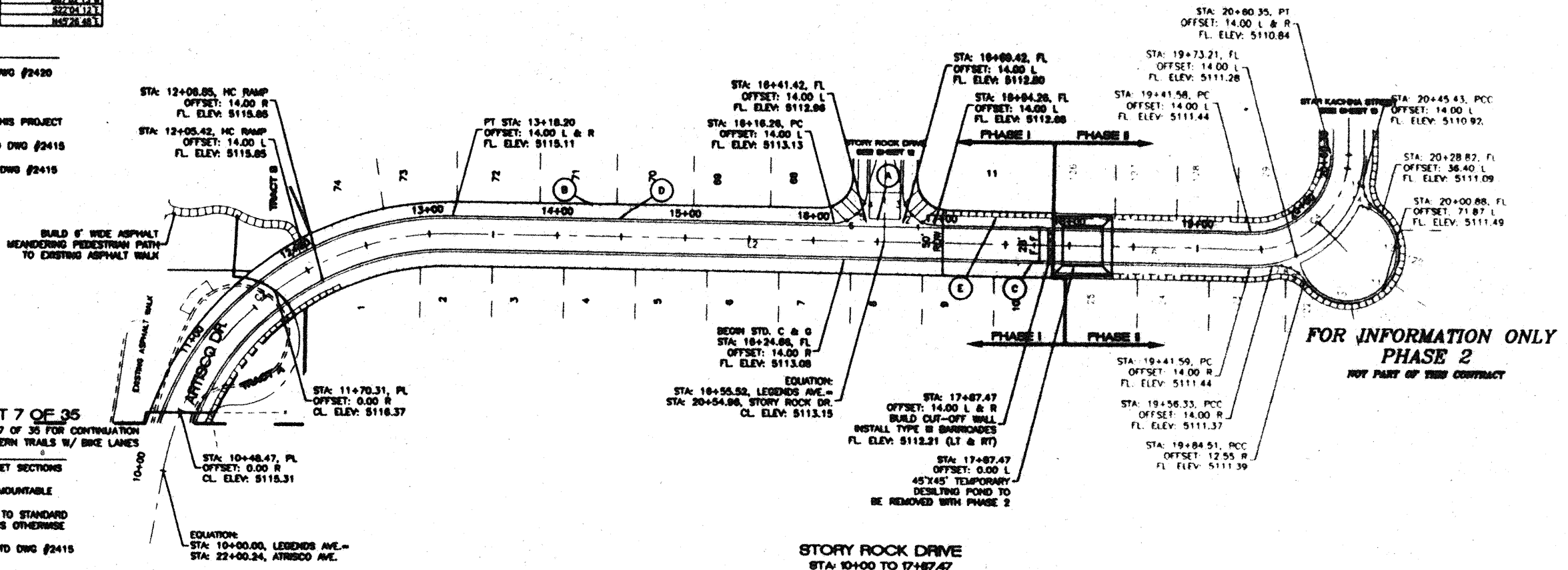
10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHORD DIRECTION
C1	28.28	282.8	282.8	282.8
C2	318.20	222.80	222.8	222.8
C3	28.28	282.8	282.8	282.8
C4	118.78	75.00	108.74	108.74
C5	28.28	282.8	282.8	282.8
C6	17.70	88.00	17.7	17.7
C7	17.70	88.00	17.7	17.7
C8	17.70	88.00	17.7	17.7
C9	28.28	282.8	282.8	282.8
C10	141.22	40.00	78.53	78.53

LINE TABLE		
LINE	LENGTH	BEARING
L1	28.28	282.8
L2	318.20	222.8
L3	28.28	282.8
L4	118.78	75.00
L5	28.28	282.8
L6	17.70	88.00
L7	17.70	88.00
L8	17.70	88.00
L9	28.28	282.8
L10	141.22	40.00

CHARTER PORTS			
C4	FL ELEV.	C5	FL ELEV.
4	5113.00	1	5112.74
5	5113.07	2	5112.80
6	5113.10	3	5112.88
		4	5111.37
		5	5111.30
		6	5111.28
		7	5111.26
		8	5111.24
		9	5111.22
		10	5111.20
		11	5111.18
		12	5111.16

- KEYED NOTE:
- (A) VALLEY CUTTER PER C.O.A. STD DWG #2420
 - (B) 4' SIDEWALK TO BE DEFERRED
 - (C) 4' SIDEWALK TO BE BUILT WITH THIS PROJECT
 - (D) MOUNTABLE CURB PER C.O.A. STD DWG #2415
 - (E) STANDARD CURB PER C.O.A. STD DWG #2415

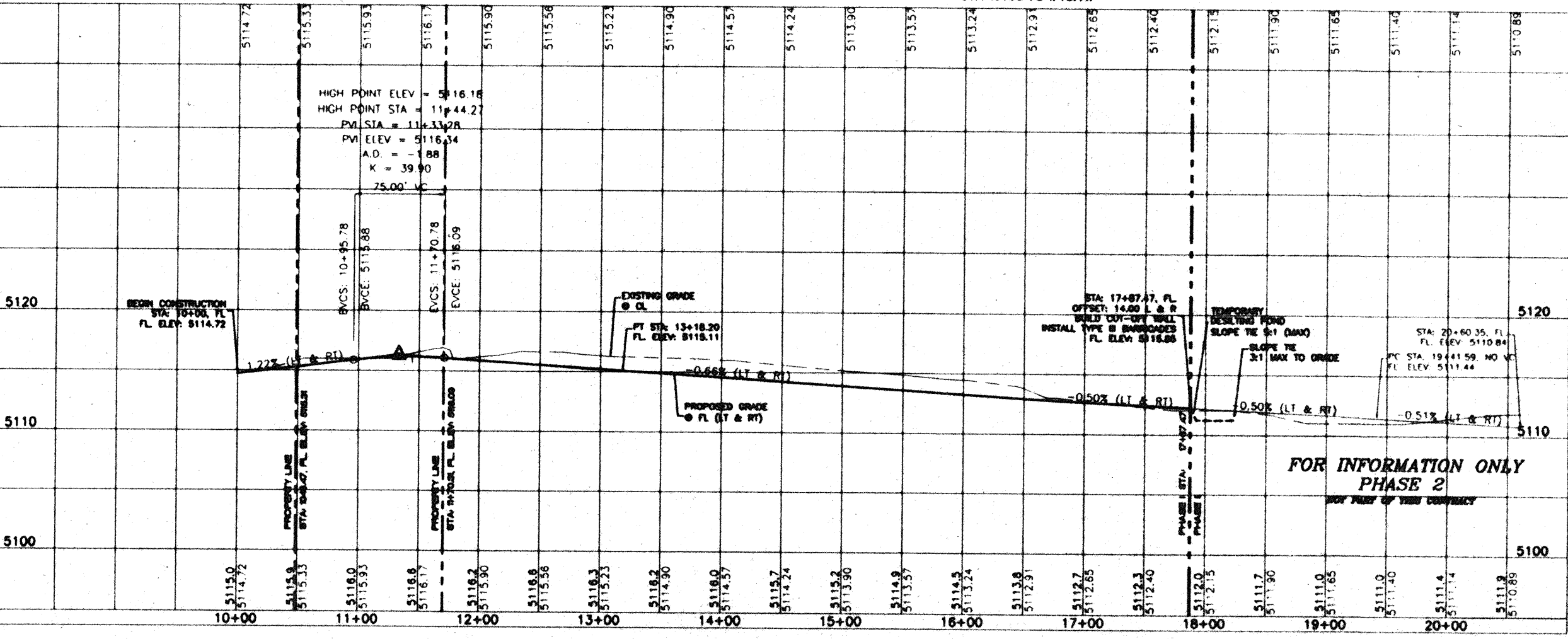


MATCHLINE - SEE SHEET 7 OF 35
SEE SHEET 7 OF 35 FOR CONTINUATION OF ATRISCO TO WESTERN TRAILS W/ BIKE LANES

- NOTE:
- 1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 - 2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 - 3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE MC RAMP UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2415.
 - 4. CUT-OFF TO BE BUILT PER C.O.A. STD DWG #2415



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



THERRA WEST, LLC
8508 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)868-3160

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

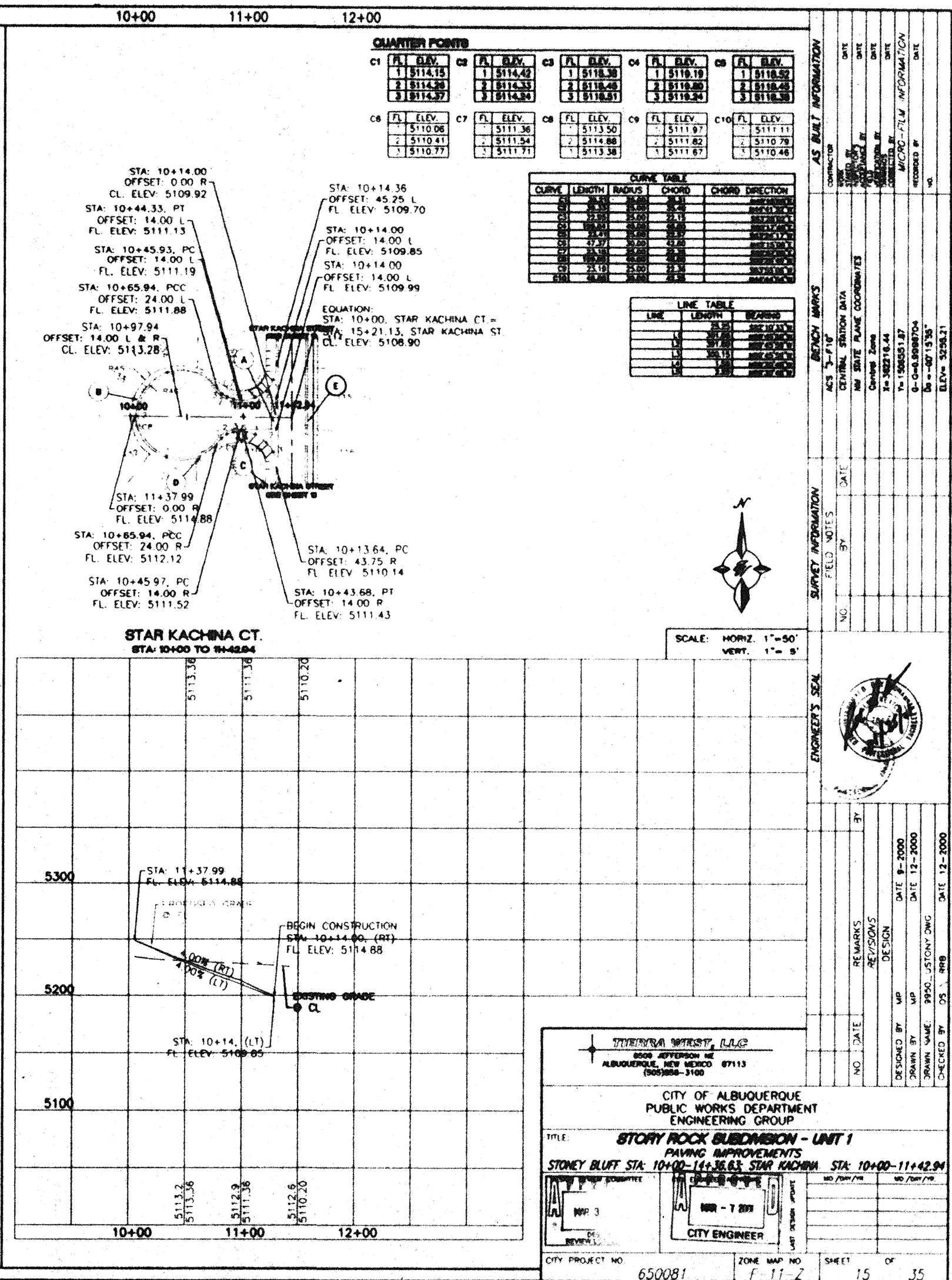
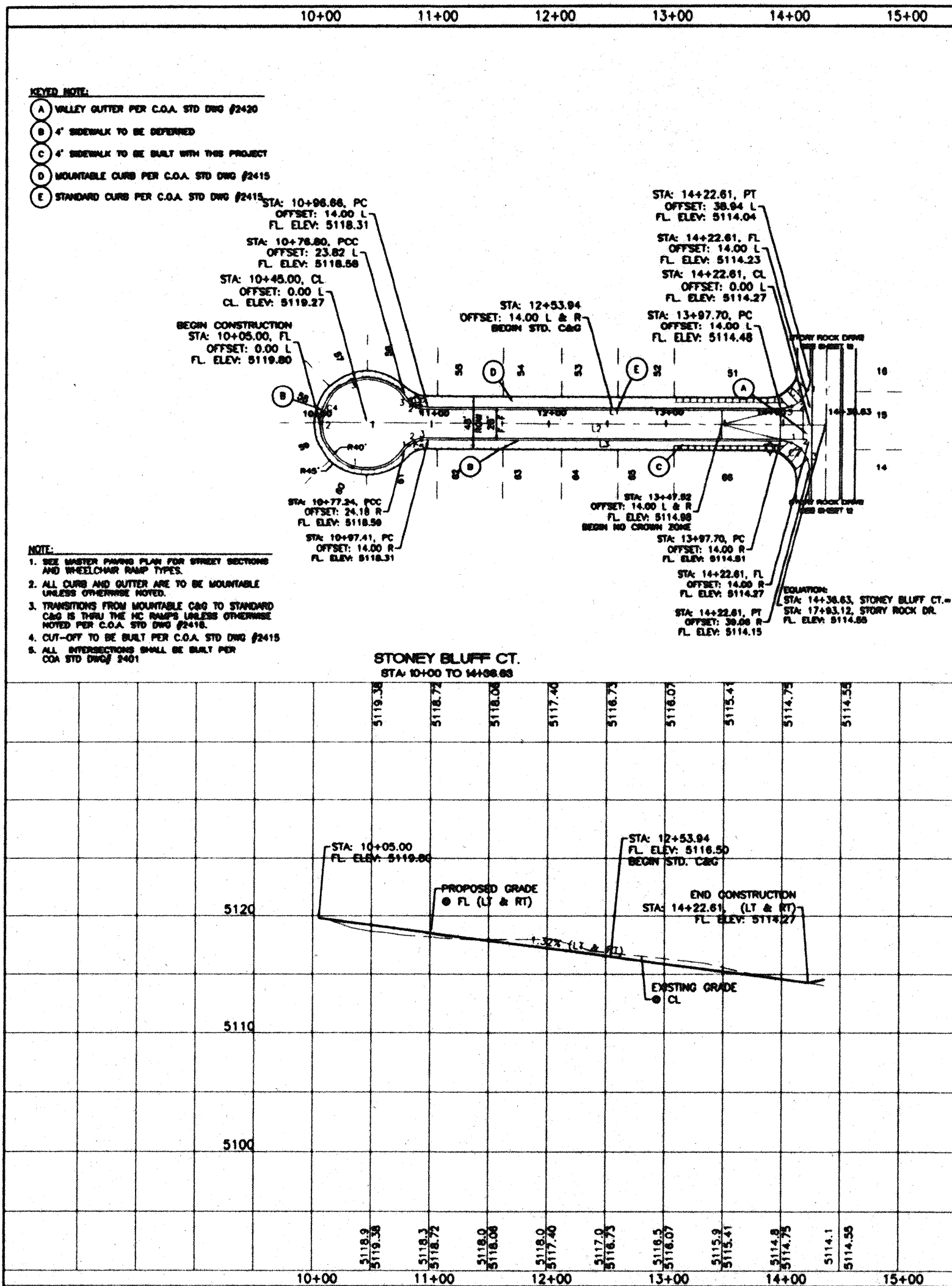
TITLE: **STORY ROCK SUBDIVISION - UNIT 1**
PAVING IMPROVEMENTS
LEGENDS AVENUE STA: 10+00 TO STA: 17+87.47

DESIGN REVIEW COMMITTEE: [APPROVED]
CITY ENGINEER: [APPROVED]

DESIGNED BY: MP
DRAWN BY: MP
CHECKED BY: DS
DATE: 02-2001

PROJECT NO: 650081
SHEET 14 OF 35

SCANNED BY
PLANNING



SCANNED BY
PLANNING

9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00

QUANTITY POINTS

QTY	FL. ELEV.	QTY	FL. ELEV.	QTY	FL. ELEV.	QTY	FL. ELEV.	QTY	FL. ELEV.
1	5119.30	4	5119.83	7	5112.83	10	5112.26	13	5112.83
2	5119.37	5	5119.80	8	5112.73	11	5112.08	14	5112.73
3	5119.43	6	5119.76	9	5112.83	12	5111.81	15	5112.84

QTY	FL. ELEV.	QTY	FL. ELEV.	QTY	FL. ELEV.	QTY	FL. ELEV.
16	5112.26	19	5108.88	22	5108.84	25	5119.80
17	5112.00	20	5108.95	23	5108.70	26	5120.11
18	5111.81	21	5109.01	24	5108.56	27	5119.88

KEYED NOTE:

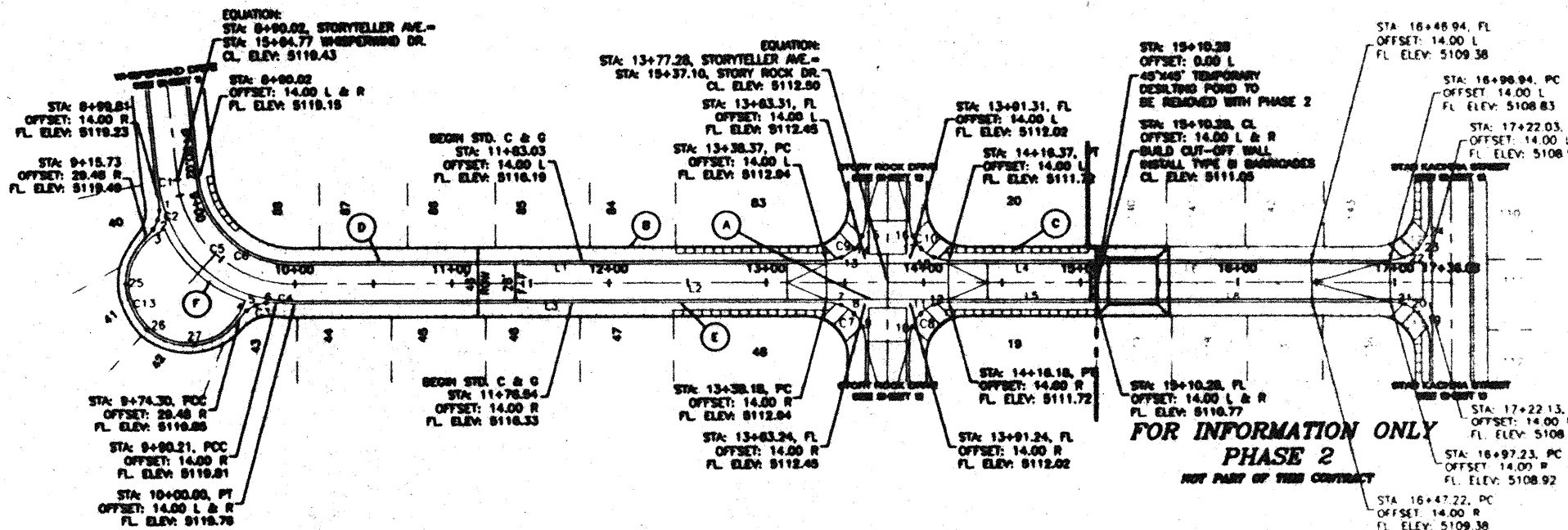
- (A) VALLEY CUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFERRED
- (C) 4' SIDEWALK TO BE BUILT WITH THIS PROJECT
- (D) MOUNTABLE CURB PER C.O.A. STD DWG #2415
- (E) STANDARD CURB PER C.O.A. STD DWG #2415
- (F) CUL-DE-SAC VALLEY CUTTER PER C.O.A. STD DWG #2421

NOTE:

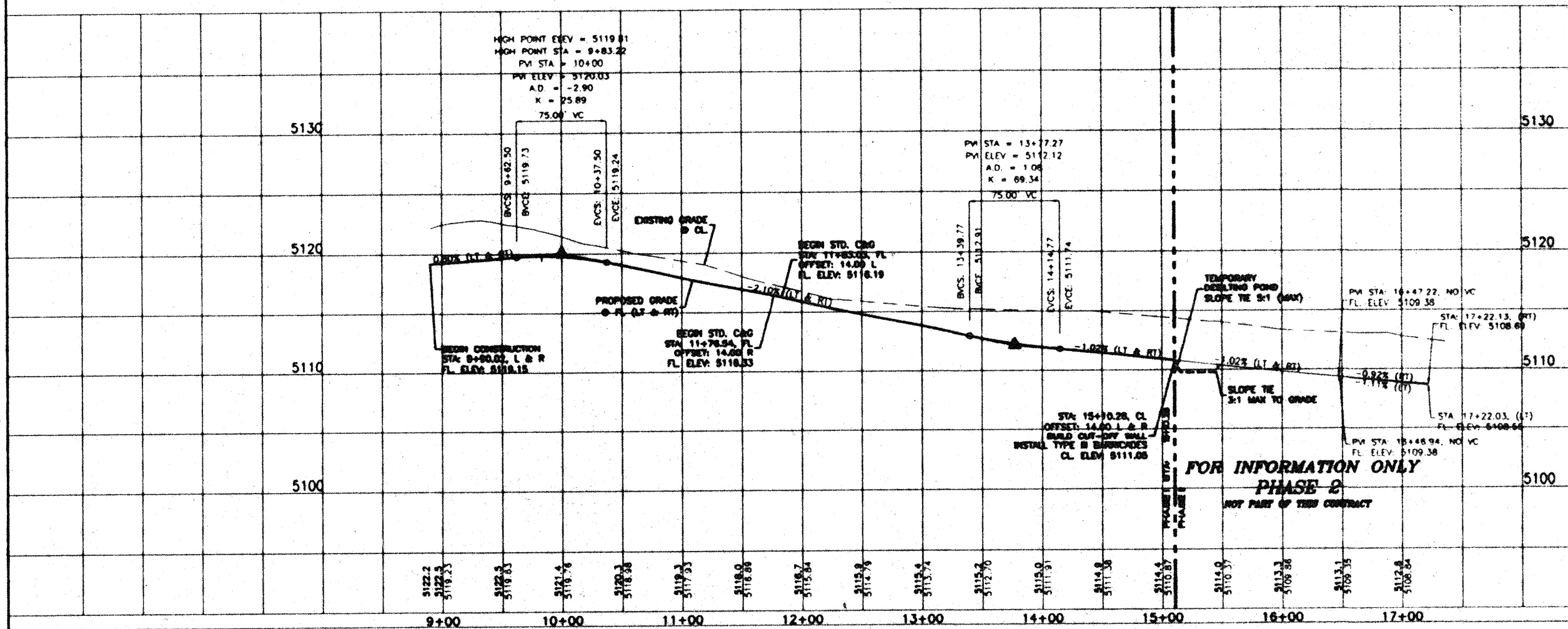
- SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
- ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
- TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE MC RAMP UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.
- CUT-OFF TO BE BUILT PER C.O.A. STD DWG #2415
- ALL INTERSECTIONS SHALL BE BUILT PER C.O.A. STD DWG #2401

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING	CHORD ELEVATION
1	11.2	11.2	11.2	90°	5119.30
2	11.2	11.2	11.2	90°	5119.37
3	11.2	11.2	11.2	90°	5119.43
4	11.2	11.2	11.2	90°	5119.83
5	11.2	11.2	11.2	90°	5119.80
6	11.2	11.2	11.2	90°	5119.76
7	11.2	11.2	11.2	90°	5112.83
8	11.2	11.2	11.2	90°	5112.73
9	11.2	11.2	11.2	90°	5112.83
10	11.2	11.2	11.2	90°	5112.26
11	11.2	11.2	11.2	90°	5112.08
12	11.2	11.2	11.2	90°	5111.81
13	11.2	11.2	11.2	90°	5112.83
14	11.2	11.2	11.2	90°	5112.73
15	11.2	11.2	11.2	90°	5112.84

LINE TABLE					
LINE	LENGTH	BEARING	CHORD	CHORD BEARING	CHORD ELEVATION
1	11.2	90°	11.2	90°	5119.30
2	11.2	90°	11.2	90°	5119.37
3	11.2	90°	11.2	90°	5119.43
4	11.2	90°	11.2	90°	5119.83
5	11.2	90°	11.2	90°	5119.80
6	11.2	90°	11.2	90°	5119.76
7	11.2	90°	11.2	90°	5112.83
8	11.2	90°	11.2	90°	5112.73
9	11.2	90°	11.2	90°	5112.83
10	11.2	90°	11.2	90°	5112.26
11	11.2	90°	11.2	90°	5112.08
12	11.2	90°	11.2	90°	5111.81
13	11.2	90°	11.2	90°	5112.83
14	11.2	90°	11.2	90°	5112.73
15	11.2	90°	11.2	90°	5112.84



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



VIENNA INVEST, LLC
5000 JEFFERSON BL
ALBUQUERQUE, NEW MEXICO 87113
(505)555-3100

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**STORY ROCK BLVD/STORY
PAVING IMPROVEMENTS**
STORYTELLER AVENUE STA: 8+80.02 TO STA: 15+10.28

DESIGNED BY: MP
DRAWN BY: MP
CHECKED BY: CS, RPB

DATE: 9-2000
DATE: 12-2000
DATE: 12-2000

CITY PROJECT NO: 650081
ZONE MAP NO: 1112
SHEET: 16 OF 35

SCANNED BY
PLANNING

QUARTER POINTS

C1	FL ELEV.	C2	FL ELEV.	C3	FL ELEV.	C4	FL ELEV.
1	5115.40	4	5115.97	7	5115.97	10	5113.84
2	5115.76	5	5115.76	8	5115.76	11	5113.76
3	5115.88	6	5115.88	9	5115.88	12	5113.68

C7	FL ELEV.	C8	FL ELEV.	C12	FL ELEV.	C13	FL ELEV.
13	5115.40	16	5115.97	19	5115.97	22	5113.84
14	5115.76	17	5115.76	20	5115.76	23	5113.76
15	5115.88	18	5115.88	21	5115.88	24	5113.68

KEY NOTE:

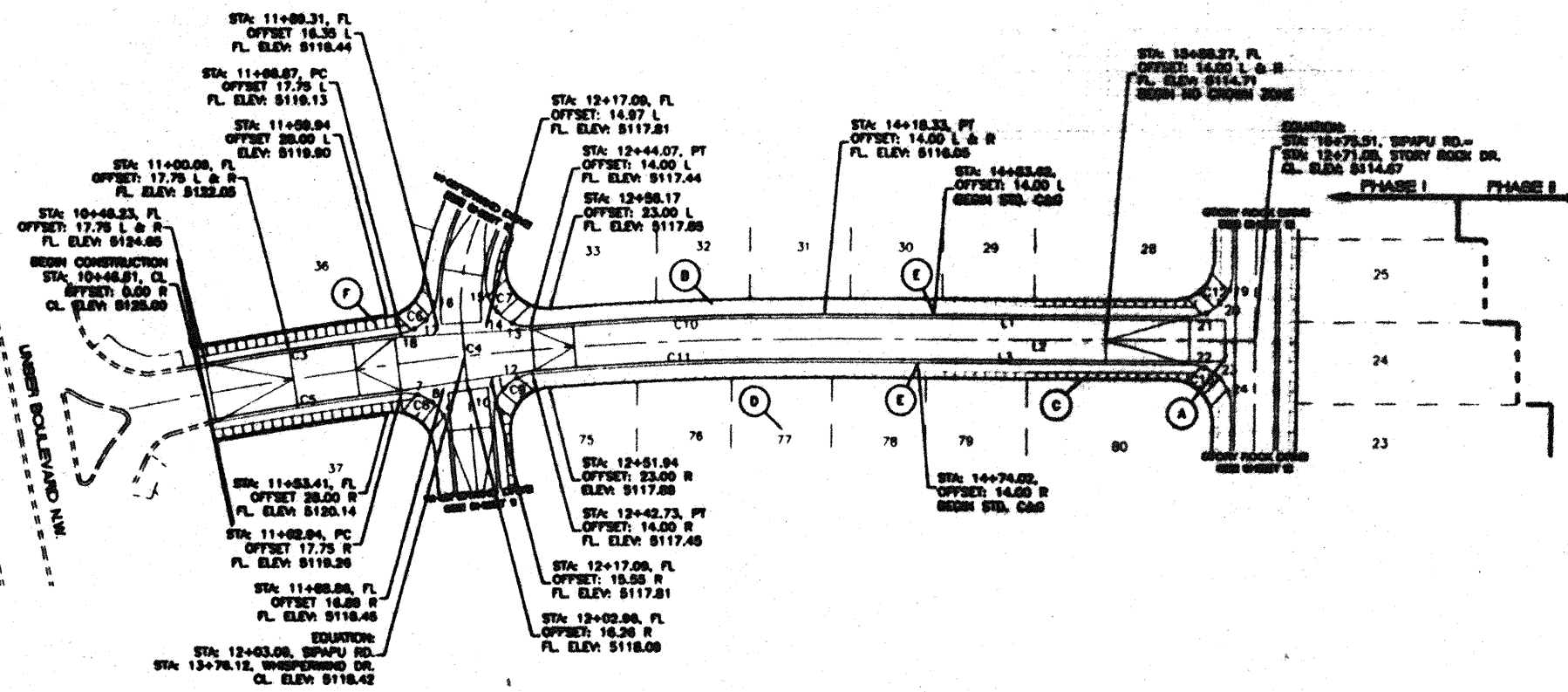
- (A) VALLEY CUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFERRED
- (C) 4' SIDEWALK TO BE BUILT WITH THIS PROJECT
- (D) MOUNTABLE CURB PER C.O.A. STD DWG #2415
- (E) STANDARD CURB PER C.O.A. STD DWG #2415
- (F) 6' SIDEWALK TO BE BUILT WITH THIS PROJECT

NOTE:

- SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
- ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
- TRANSITIONS FROM MOUNTABLE CURB TO STANDARD CURB IS THRU THE MC RAMP UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2416.
- CUT-OFF TO BE BUILT PER C.O.A. STD DWG #2416
- ALL INTERSECTIONS SHALL BE BUILT PER C.O.A. STD DWG #2401

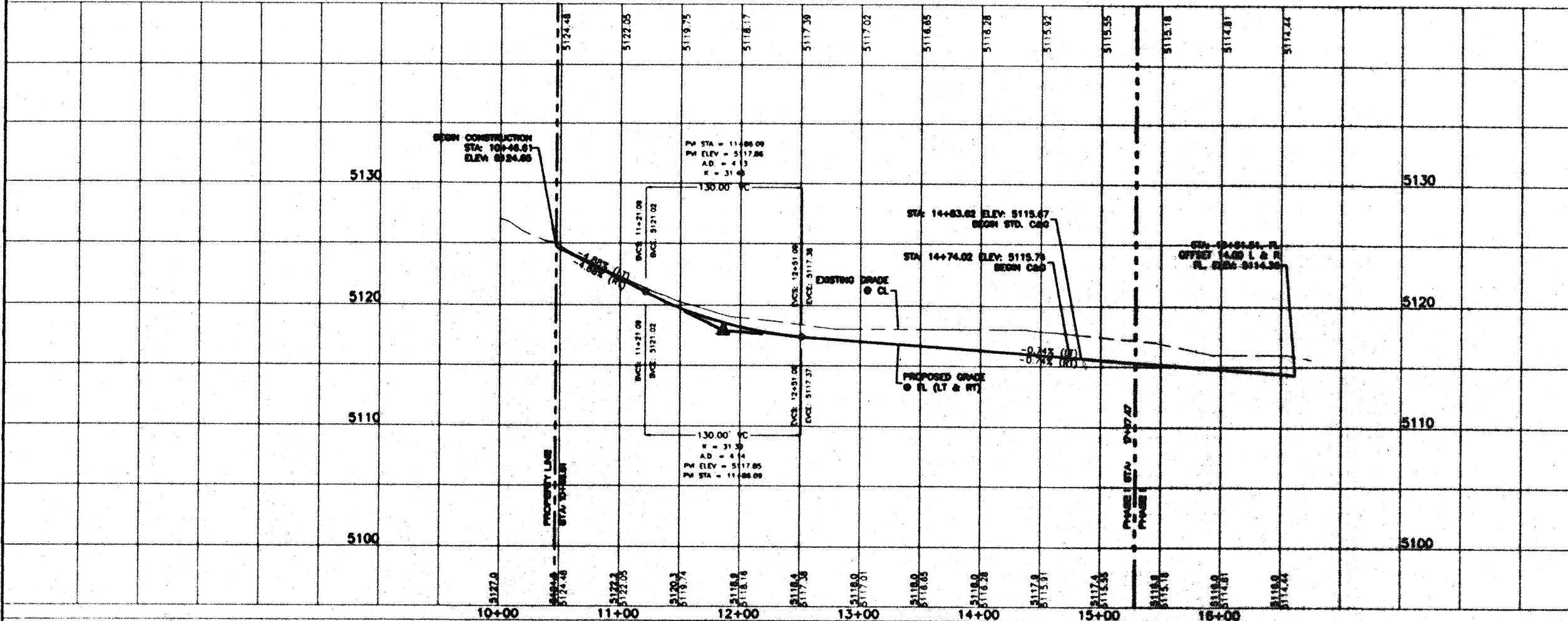
CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING
C1	11.21	2017.25	11.21	90.00°
C2	11.21	2017.25	11.21	90.00°
C3	11.21	2017.25	11.21	90.00°
C4	11.21	2017.25	11.21	90.00°
C5	11.21	2017.25	11.21	90.00°
C6	11.21	2017.25	11.21	90.00°
C7	11.21	2017.25	11.21	90.00°
C8	11.21	2017.25	11.21	90.00°
C9	11.21	2017.25	11.21	90.00°
C10	11.21	2017.25	11.21	90.00°
C11	11.21	2017.25	11.21	90.00°
C12	11.21	2017.25	11.21	90.00°
C13	11.21	2017.25	11.21	90.00°

LINE TABLE		
LINE	LENGTH	BEARING
L1	11.21	90.00°
L2	11.21	90.00°
L3	11.21	90.00°



SIPAPU ROAD
STA: 10+48.61 TO 16+61.51

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



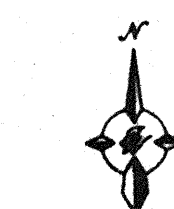
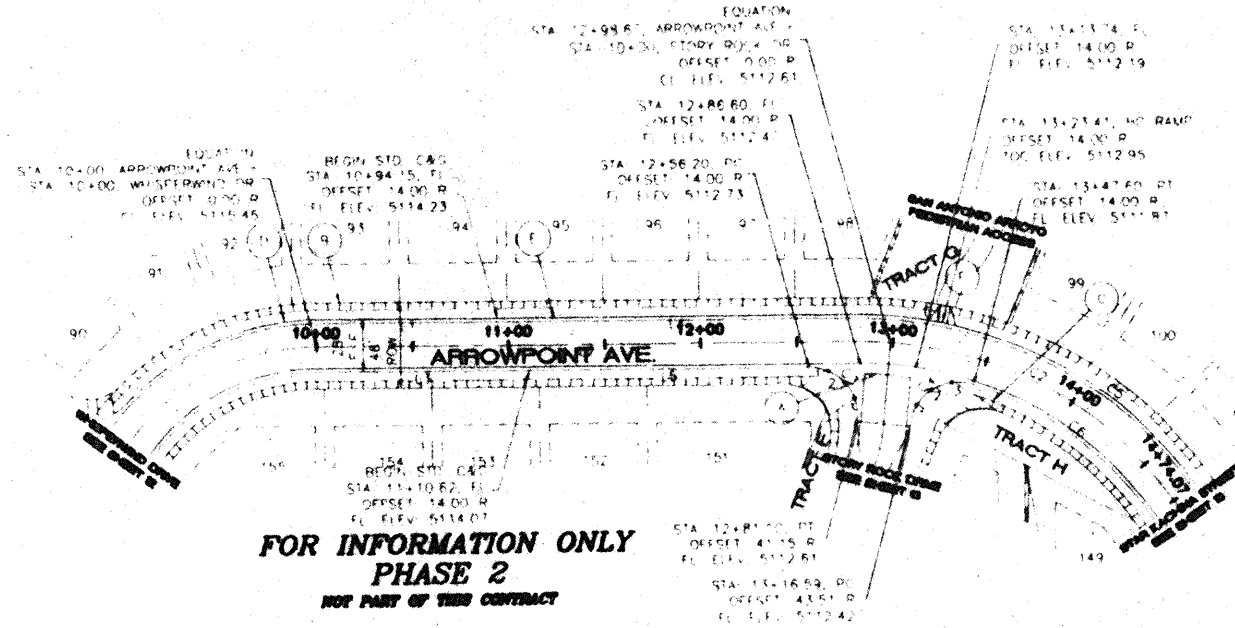
TERRACON WEST, LLC 6800 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505) 266-3400	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: STORY ROCK SUBDIVISION - UNIT 1 PAVING IMPROVEMENTS SIPAPU ROAD STA: 10+00 TO STA: 16+61.51	
DESIGNED BY: MP DATE: 8-2000	DRAWN BY: MP DATE: 12-2000
CHECKED BY: DS DATE: 12-2000	REVISIONS DATE: 12-2000
CITY PROJECT NO. 650081	
ZONE MAP NO. F-11-2	
SHEET 17 OF 35	

QUARTER POINTS

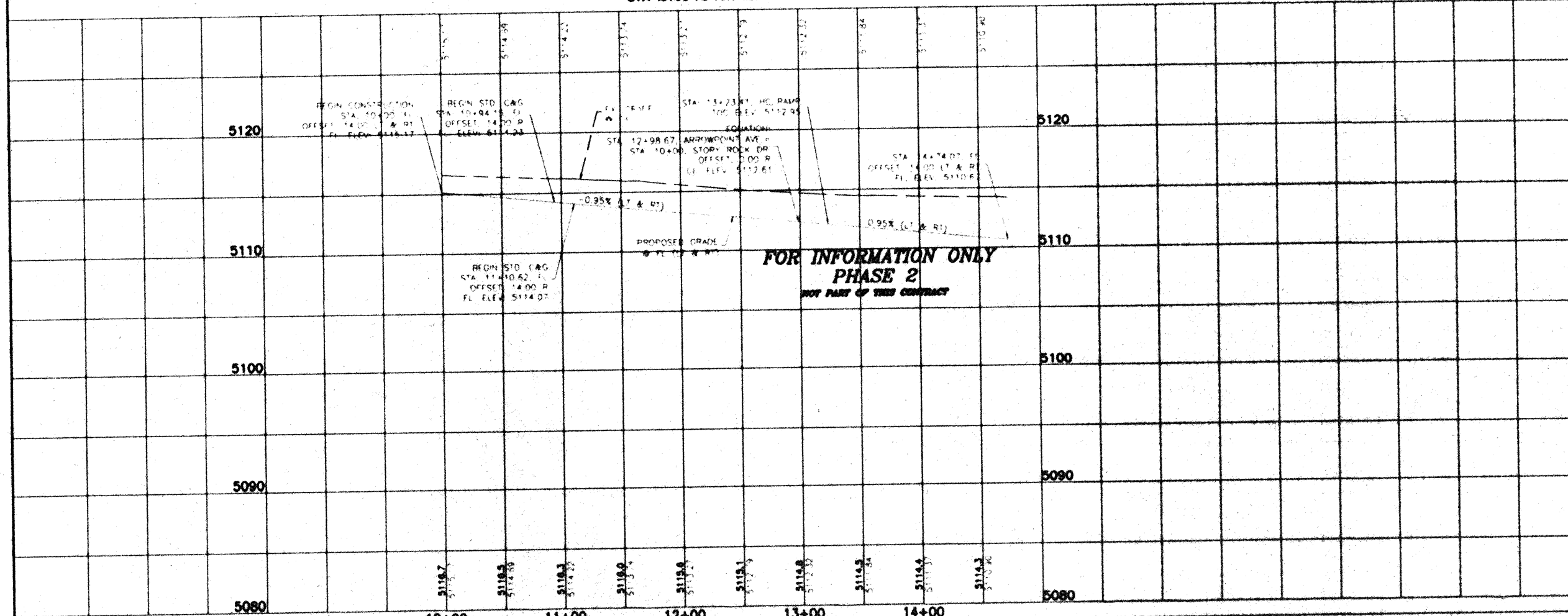
1	5112.70	4	5112.28
2	5112.68	5	5112.15
3	5112.64	6	5112.00

LINE	LENGTH	BEARING
1	14.35	S 81° 15' E
2	58.20	N 61° 22' 33" E
3	24.15	S 88° 48' 10" E
4	28.43	S 89° 45' 0" E
5	11.57	S 83° 45' 0" E
6	16.28	S 82° 18' 20" E
7	45.50	S 89° 46' 0" E

CURVE	LENGTH	RADIUS	CHORD	CHORD DIRECTION
C1	78.42	214.00	77.99	N 72° 16' 18" W
C2	192.84	200.00	186.78	N 62° 10' 34" W
C3	41.27	23.00	36.85	N 62° 18' 57" W
C4	48.73	23.00	36.81	S 88° 41' 13" W
C5	127.70	214.00	125.81	N 51° 40' 49" W
C6	117.82	188.00	115.87	N 52° 41' 54" W



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



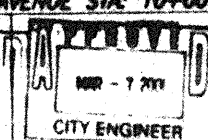
AS BUILT INFORMATION CONTRACTOR: _____ DATE: _____ CHECKED BY: _____ DATE: _____ MICRO-PLM INFORMATION RECORDED BY: _____ DATE: _____	
BOX MARKS ACS 7-110 CENTRAL STATION DATA NM STATE PLANE COORDINATES Control Name X=382218.44 Y=1508851.87 G=0=0.8998704 Da=00715.35 ELV= 5059.21	
SURVEY INFORMATION FIELD NOTES NO. _____ BY _____ DATE _____	
ENGINEER'S SEAL 	
NO. _____ DATE _____ REMARKS REVISIONS DESIGN DESIGNED BY: MP DRAWN BY: MP DRAWN NAME: 9950_ARROWPOINT DWG CHECKED BY: DS DATE: 12-2000	



TERRA WEST, LLC
 6500 JEFFERSON NE
 ALBUQUERQUE, NEW MEXICO 87113
 (505)858-3700

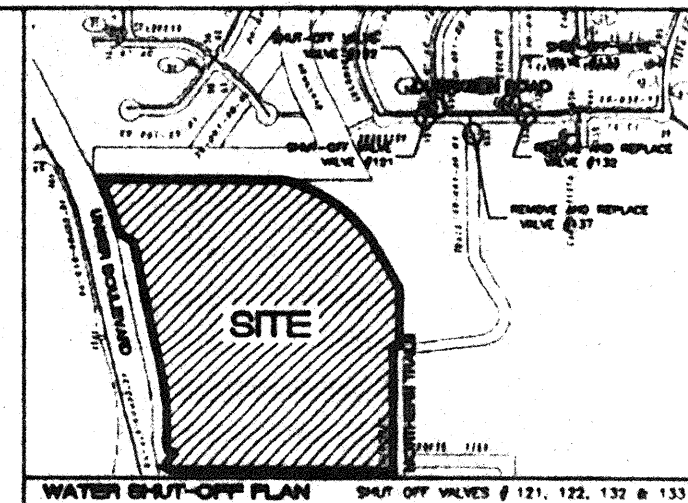
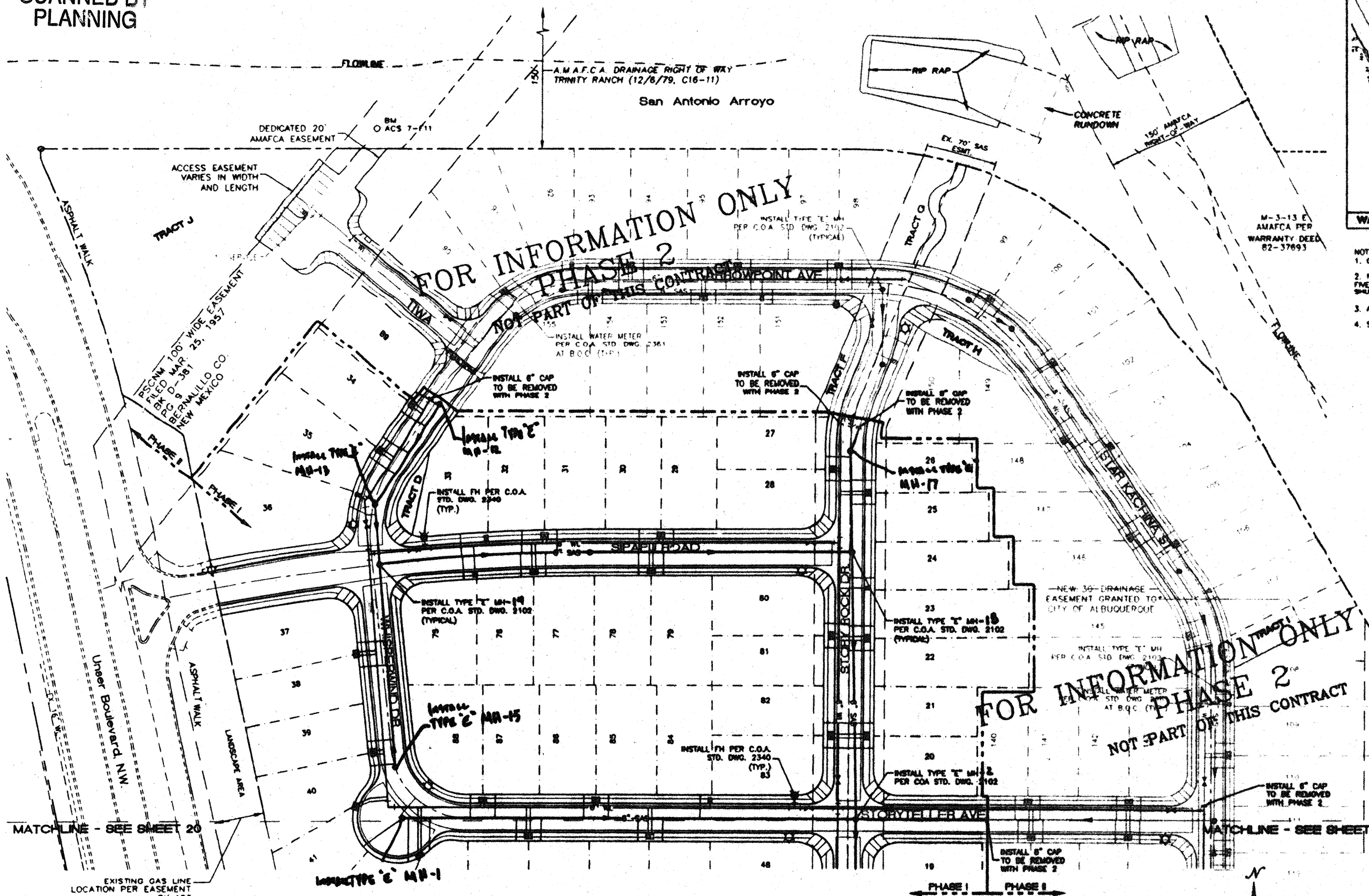
CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

TITLE:
 STORY ROCK SUBDIVISION - UNIT 2
 PAVING IMPROVEMENTS
 ARROWPOINT AVENUE STA: 10+00 TO STA: 14+74.07



CITY ENGINEER

CITY PROJECT NO: 650081
 ZONE MAP NO: 1-11-2
 SHEET: 18 OF 35



- NOTES:
1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
 2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN.
 3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
 4. SHUT OFF THE VALVES INDICATED IN THE ABOVE PLAN.

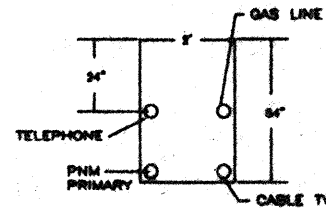
NOTICE TO CONTRACTOR

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, 760-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE POSITION AND DEPTH OF ALL UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE UTILITY STUDS IF FROM BUILDING.

LEGEND

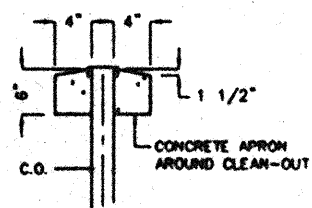
- EXISTING 60" MANHOLE
- EXISTING 36" MANHOLE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- PROPOSED CLEAN OUT
- PROPOSED DOUBLE CLEAN OUT
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM SEWER LINE
- EXISTING CURB & GUTTER
- PROPOSED STORM SEWER LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED WATERLINE
- BOUNDARY LINE
- EASEMENT
- PROPOSED STREET LIGHTS

EXISTING GAS LINE
LOCATION PER EASEMENT
BK 123
PG 155
BERNALILLO CO. NM



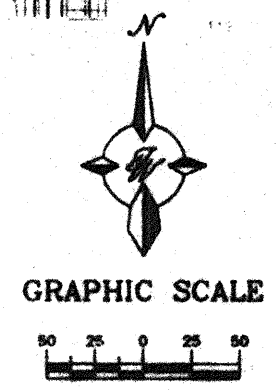
GENERAL NOTES

1. 4" MINIMUM BURIAL REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
3. CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
4. ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2350.
5. ALL PIPE MATERIAL TO BE USED PER UPC.



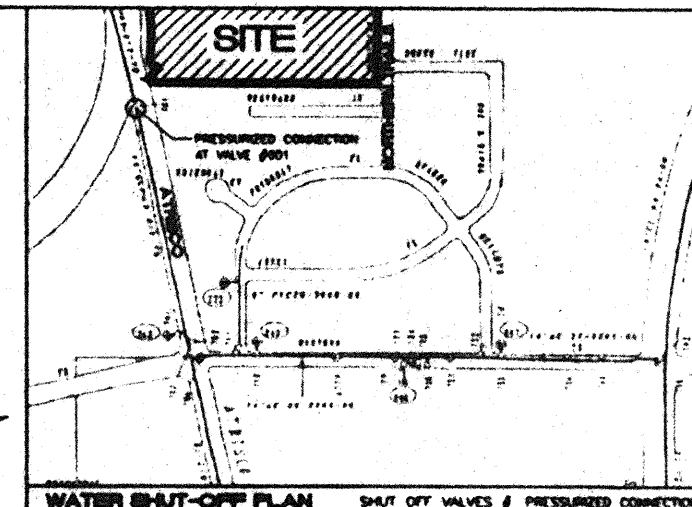
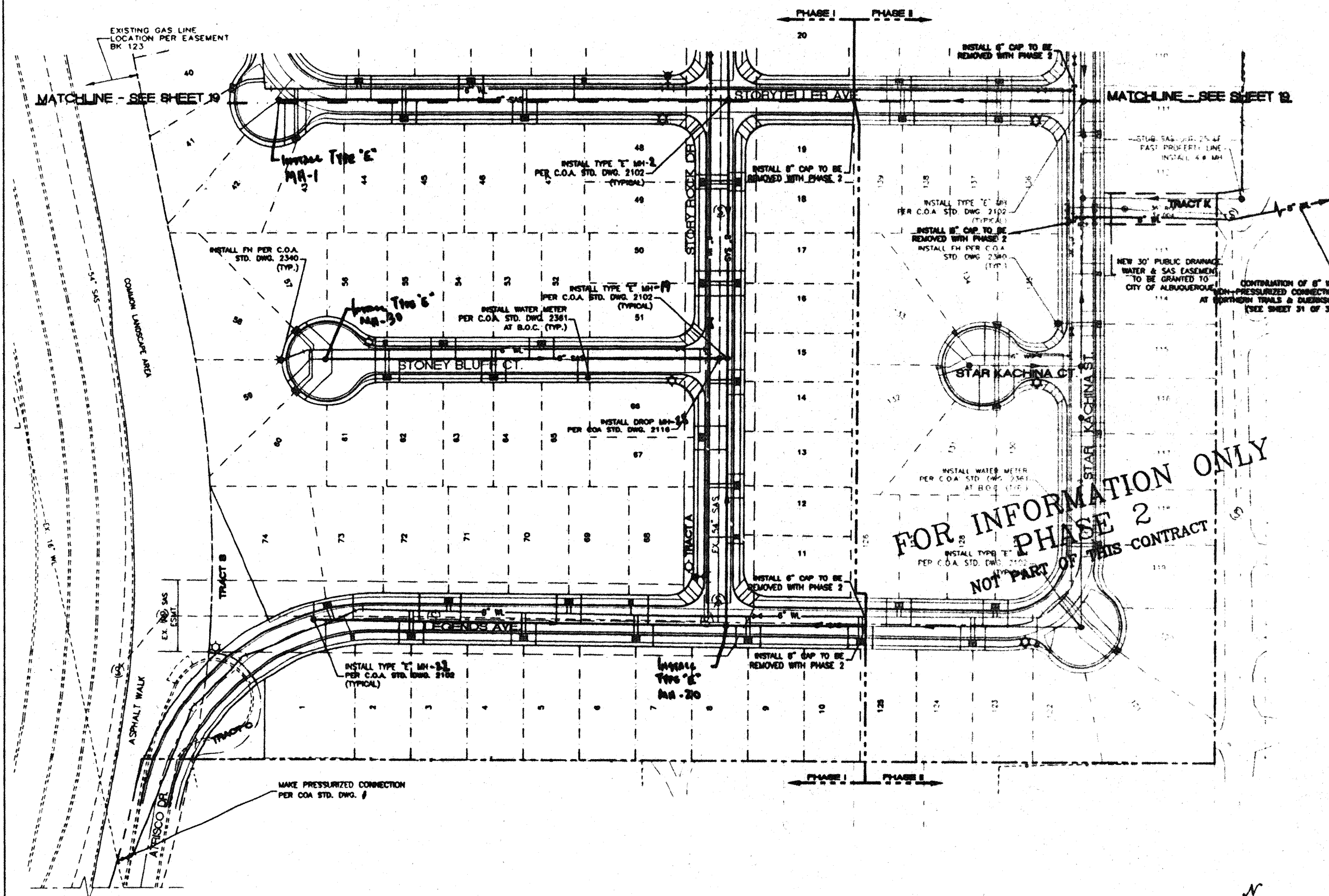
CLEAN-OUT

CAUTION
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



SCALE: 1"=50'

ENGINEER'S SEAL 	STORY ROCK SUBDIVISION	DATE 12-11-2000
	MASTER UTILITY PLAN	DRAWN BY D000001_A.DWG
	TERRA WEST, LLC 8500 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)898-3100	SHEET # 19 OF 35
		JOB # D00000



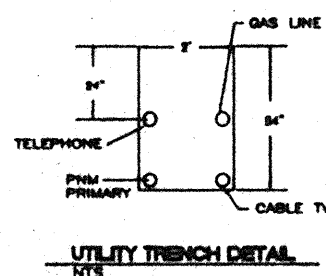
- NOTES:
1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
 2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) 72 HOURS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
 3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
 4. SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK ON ANY LOT OR ON ANY OF THE AREAS OF THESE PLANS SHOWN OR SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE NOTED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIOR STANDARD SPECIFICATIONS FOR PUBLIC-WORKS CONSTRUCTION, 1988.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 706-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMAL AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE UTILITY STAKES 5' FROM BUILDING

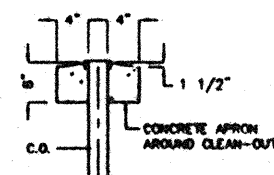
LEGEND

- EXISTING 60 MANHOLE
EXISTING SAS MANHOLE
EXISTING METER
EXISTING VALVE W/BOX
EXISTING FIRE HYDRANT
● PROPOSED CLEAN OUT
● PROPOSED DOUBLE CLEAN OUT
----- EXISTING SANITARY SEWER LINE
----- EXISTING WATER LINE
----- EXISTING STORM SEWER LINE
EXISTING CURB & GUTTER
PROPOSED STORM SEWER LINE
----- PROPOSED SANITARY SEWER LINE
----- PROPOSED WATERLINE
----- BOUNDARY LINE
----- EASEMENT
★ PROPOSED STREET LIGHTS



GENERAL NOTES

1. 4" MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISEN LOCATIONS.
3. CLEAN CUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
4. ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2330.
5. ALL PIPE MATERIAL TO BE USED PER UPC.



CLEAN-OUT

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
INFORMATION.



GRAPHIC SCALE



SCALE: 1"=30'

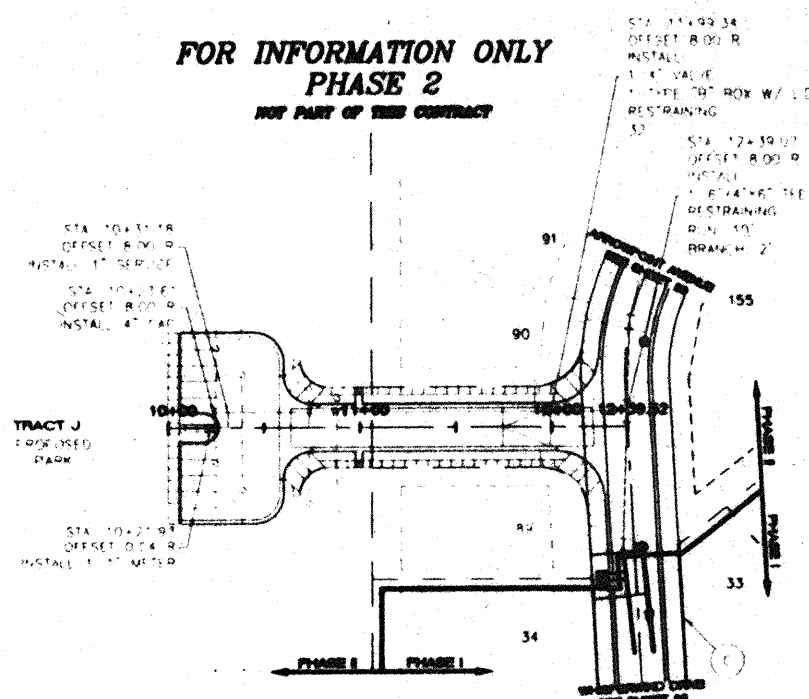
ZONE ATLAS: F-N-Z

ENGINEER'S SEAL	STORY ROCK SUBDIVISION	DRAWN BY W.P.
	MASTER UTILITY PLAN	DATE 12-12-2000
RONALD R. RICHARDSON P.E. 12888	 TERRA WEST, LLC 8508 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	PERSONAL, G. 1000 SHEET # 20 OF 35
		JOB # 990050

10+00	11+00	12+00
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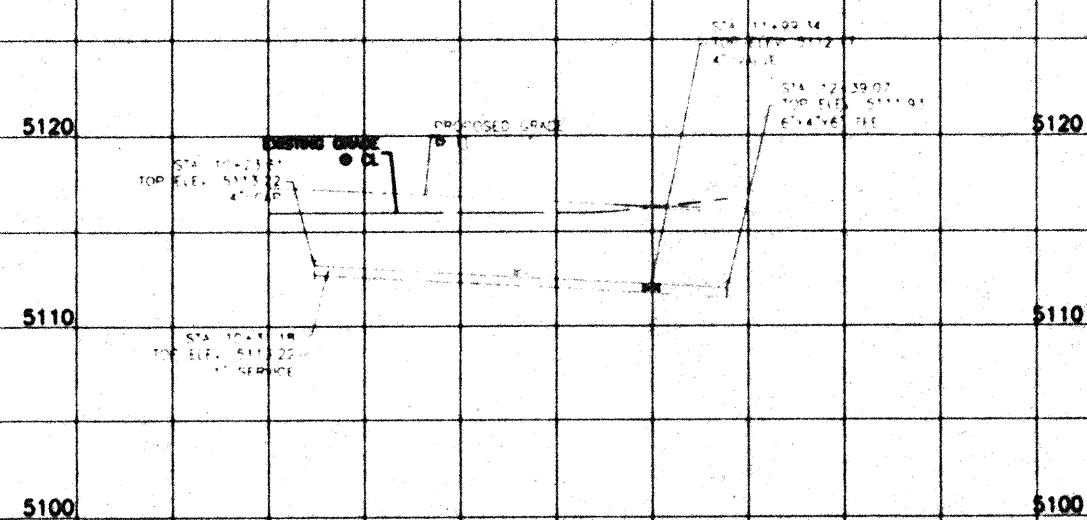
WL TABLE		
LOT #	STATION	SERVICE
TRACT J	12+12 52	SINGLE

**FOR INFORMATION ONLY
PHASE 2
END PART OF THE CONTRACT**



TWA PLACE
ETA: 10:00 TO 12:30.52

FOR INFORMATION ONLY
PHASE 2
NOT PART OF THIS CONTRACT



10+00 11+00 12+00

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



SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES			ACS "5-F10"		CONTRACTOR	
NO	BY	DATE	CENTRAL STATION DATA		WORK ORDER NO.	DATE
			NW STATE PLANE COORDINATES <td>FIELD BOOK NO.</td> <td>DATE</td>		FIELD BOOK NO.	DATE
			Central Zone <td>FIELD BOOK NO.</td> <td>DATE</td>		FIELD BOOK NO.	DATE
			N= 352718.44 <td>CORRECTED BY<td>DATE</td></td>		CORRECTED BY <td>DATE</td>	DATE
			E= 506851.87 <td colspan="2">MICRO - FILM INFORMATION</td>		MICRO - FILM INFORMATION	
			0-0-0-0.8998704 <td>RECORDED BY<td>DATE</td></td>		RECORDED BY <td>DATE</td>	DATE
			08--00'15"55"		NO.	

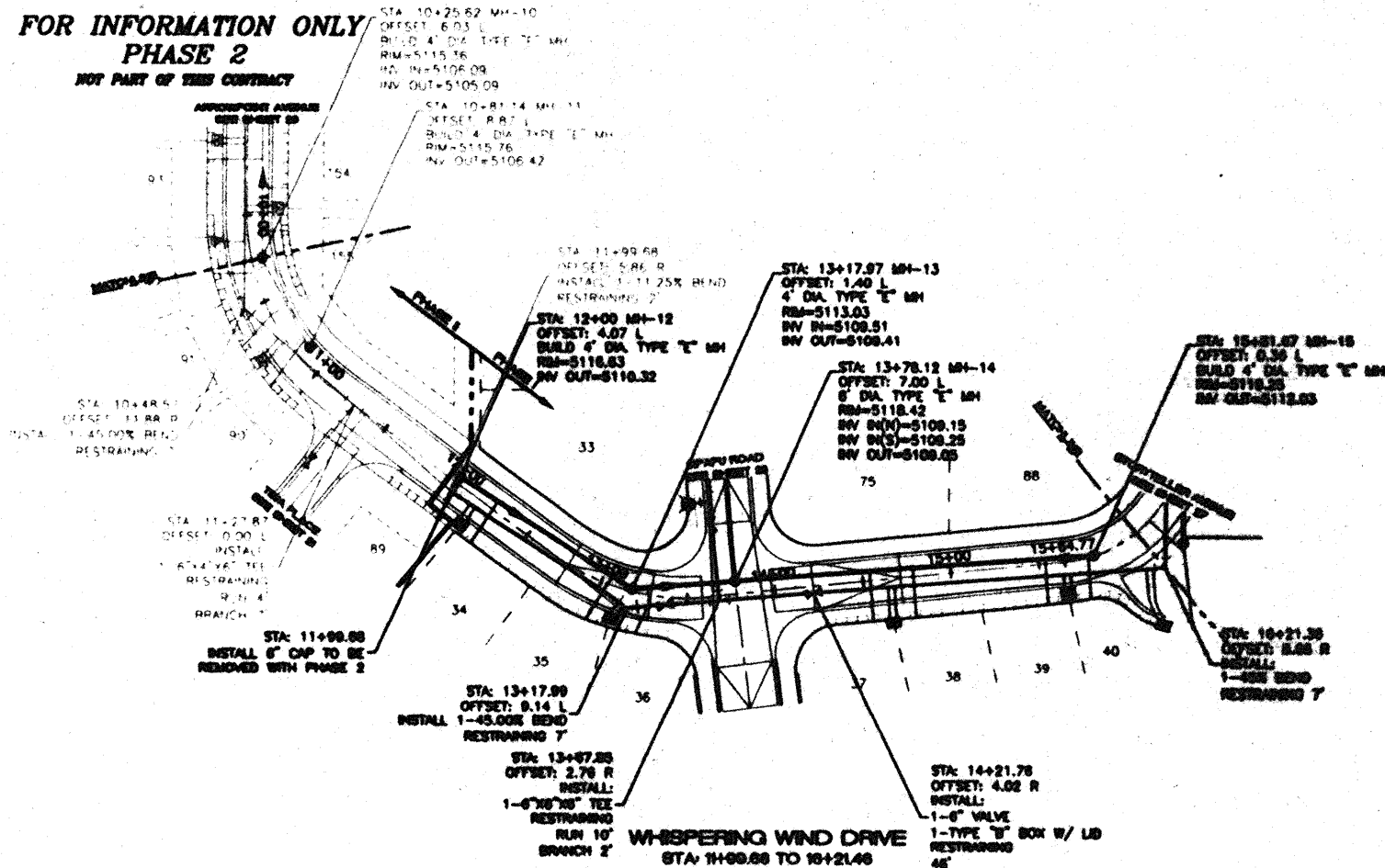
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	WP
		DRAWN BY	WP
		DRAWN DATE	DATE 8-2000
			DATE 12-2000
			9950 UTIWA DWG

 THERMA WREST, LLC 8800 JOHNSON HE ALBUQUERQUE, NEW MEXICO 87113 (505)268-3100		NO.	DATE	DESIGNED BY	DRAWN BY	DRAWING NAME
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP TITLE: STORY ROCK SUBDIVISION - UNIT 2 UTILITY IMPROVEMENTS TRINA PLACE STA: 10+00 TO STA: 12+39.52						
DESIGN REVIEW COMMITTEE APPROVE MR 3		CITY ENGINEER APPROVAL APPROVE MR - 7 888		NO./DAY/YR	NO./DAY/YR	
REVIEW DATE		CITY ENGINEER				
CITY PROJECT NO		ZONE MAP NO		SHEET		OF
650081		1-11-2		21		35

SCANNED BY
PLANNING

10+00 11+00 12+00 13+00 14+00 15+00 16+00

FOR INFORMATION ONLY
PHASE 2
NOT PART OF THIS CONTRACT



WL TABLE

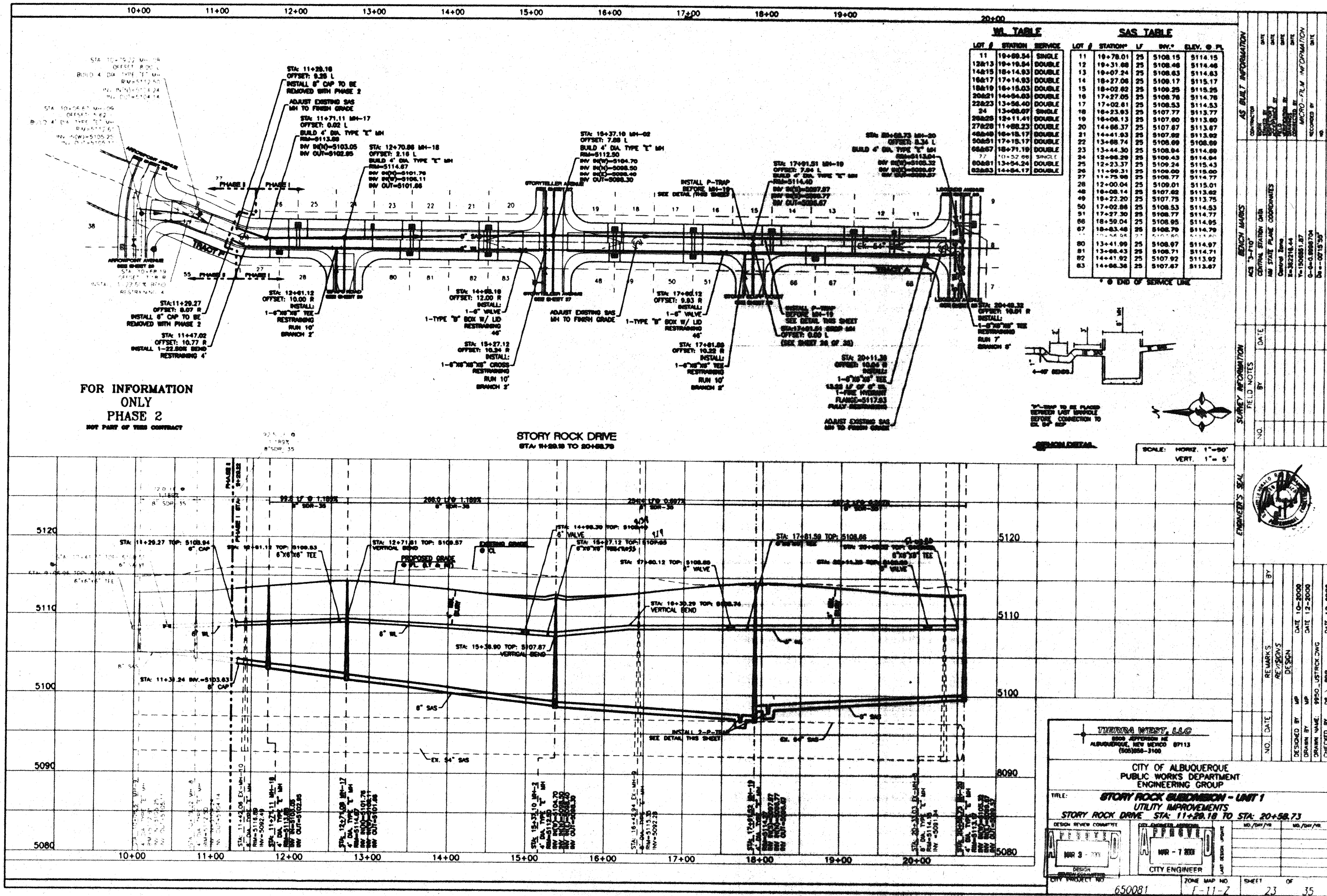
LOT #	STATION	SERVICE
88-34	12+08.67	DOUBLE
35-38	13+11.18	DOUBLE
37-38	14+08.15	DOUBLE
36-40	15+08.72	DOUBLE
92-91	10+78.15	DOUBLE
92	10+10.80	SINGLE

SAS TABLE

LOT #	STATION	LF	INV. #	ELEV. @ PL
34	12+55.68	25	5111.54	5117.54
35	13+05.22	25	5112.00	5118.00
36	13+26.80	25	5112.23	5118.23
37	14+54.48	25	5113.08	5119.08
38	14+78.67	25	5113.23	5119.23
39	15+53.63	25	5113.61	5119.61
40	15+78.60	25	5113.67	5119.67
89	12+08.67	25	5111.54	5117.54
90	10+80.01	25	5110.23	5116.23
91	10+57.47	25	5110.18	5116.18
92	10+29.92	25	5109.93	5115.93

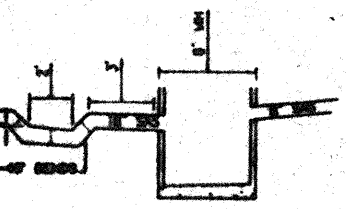
* @ END OF SERVICE LINE

SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	ACR 3-F18	CENTRAL STATION DATA	CONTRACTOR	DATE	
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					DRAWN BY	DATE	
				Central Zone	CHECKED BY	DATE	
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TABLE

LOT #	STATION	SERVICE	LOT #	STATION	LF	INV. #	ELEV. @ PI
11	10+00.00	SINGLE	11	10+78.01	25	5108.15	5114.15
12	10+10.00	DOUBLE	12	10+88.01	25	5108.48	5114.48
13	10+20.00	DOUBLE	13	10+98.01	25	5108.83	5114.83
14	10+30.00	DOUBLE	14	11+08.01	25	5109.17	5115.17
15	10+40.00	DOUBLE	15	11+18.01	25	5109.52	5115.52
16	10+50.00	DOUBLE	16	11+28.01	25	5109.86	5115.86
17	10+60.00	DOUBLE	17	11+38.01	25	5110.21	5116.21
18	10+70.00	DOUBLE	18	11+48.01	25	5110.55	5116.55
19	10+80.00	DOUBLE	19	11+58.01	25	5110.90	5116.90
20	10+90.00	DOUBLE	20	12+08.01	25	5111.24	5117.24
21	11+00.00	DOUBLE	21	12+18.01	25	5111.59	5117.59
22	11+10.00	DOUBLE	22	12+28.01	25	5111.93	5117.93
23	11+20.00	DOUBLE	23	12+38.01	25	5112.28	5118.28
24	11+30.00	DOUBLE	24	12+48.01	25	5112.62	5118.62
25	11+40.00	DOUBLE	25	12+58.01	25	5112.97	5118.97
26	11+50.00	DOUBLE	26	13+08.01	25	5113.31	5119.31
27	11+60.00	DOUBLE	27	13+18.01	25	5113.66	5119.66
28	11+70.00	DOUBLE	28	13+28.01	25	5114.00	5120.00
29	11+80.00	DOUBLE	29	13+38.01	25	5114.35	5120.35
30	11+90.00	DOUBLE	30	13+48.01	25	5114.69	5120.69
31	12+00.00	DOUBLE	31	13+58.01	25	5115.04	5121.04
32	12+10.00	DOUBLE	32	14+08.01	25	5115.38	5121.38
33	12+20.00	DOUBLE	33	14+18.01	25	5115.73	5121.73
34	12+30.00	DOUBLE	34	14+28.01	25	5116.07	5122.07
35	12+40.00	DOUBLE	35	14+38.01	25	5116.42	5122.42
36	12+50.00	DOUBLE	36	14+48.01	25	5116.76	5122.76
37	12+60.00	DOUBLE	37	14+58.01	25	5117.11	5123.11
38	12+70.00	DOUBLE	38	15+08.01	25	5117.45	5123.45
39	12+80.00	DOUBLE	39	15+18.01	25	5117.80	5123.80
40	12+90.00	DOUBLE	40	15+28.01	25	5118.14	5124.14
41	13+00.00	DOUBLE	41	15+38.01	25	5118.49	5124.49
42	13+10.00	DOUBLE	42	15+48.01	25	5118.83	5124.83
43	13+20.00	DOUBLE	43	15+58.01	25	5119.18	5125.18
44	13+30.00	DOUBLE	44	16+08.01	25	5119.52	5125.52
45	13+40.00	DOUBLE	45	16+18.01	25	5119.87	5125.87
46	13+50.00	DOUBLE	46	16+28.01	25	5120.21	5126.21
47	13+60.00	DOUBLE	47	16+38.01	25	5120.56	5126.56
48	13+70.00	DOUBLE	48	16+48.01	25	5120.90	5126.90
49	13+80.00	DOUBLE	49	16+58.01	25	5121.25	5127.25
50	13+90.00	DOUBLE	50	17+08.01	25	5121.59	5127.59
51	14+00.00	DOUBLE	51	17+18.01	25	5121.94	5127.94
52	14+10.00	DOUBLE	52	17+28.01	25	5122.28	5128.28
53	14+20.00	DOUBLE	53	17+38.01	25	5122.63	5128.63
54	14+30.00	DOUBLE	54	17+48.01	25	5122.97	5128.97
55	14+40.00	DOUBLE	55	17+58.01	25	5123.32	5129.32
56	14+50.00	DOUBLE	56	18+08.01	25	5123.66	5129.66
57	14+60.00	DOUBLE	57	18+18.01	25	5124.01	5130.01
58	14+70.00	DOUBLE	58	18+28.01	25	5124.35	5130.35
59	14+80.00	DOUBLE	59	18+38.01	25	5124.70	5130.70
60	14+90.00	DOUBLE	60	18+48.01	25	5125.04	5131.04
61	15+00.00	DOUBLE	61	18+58.01	25	5125.39	5131.39
62	15+10.00	DOUBLE	62	19+08.01	25	5125.73	5131.73
63	15+20.00	DOUBLE	63	19+18.01	25	5126.08	5132.08
64	15+30.00	DOUBLE	64	19+28.01	25	5126.42	5132.42
65	15+40.00	DOUBLE	65	19+38.01	25	5126.77	5132.77
66	15+50.00	DOUBLE	66	19+48.01	25	5127.11	5133.11
67	15+60.00	DOUBLE	67	19+58.01	25	5127.46	5133.46
68	15+70.00	DOUBLE	68	20+08.01	25	5127.80	5133.80
69	15+80.00	DOUBLE	69	20+18.01	25	5128.15	5134.15
70	15+90.00	DOUBLE	70	20+28.01	25	5128.49	5134.49
71	16+00.00	DOUBLE	71	20+38.01	25	5128.84	5134.84
72	16+10.00	DOUBLE	72	20+48.01	25	5129.18	5135.18
73	16+20.00	DOUBLE	73	20+58.01	25	5129.53	5135.53
74	16+30.00	DOUBLE	74	20+68.01	25	5129.87	5135.87
75	16+40.00	DOUBLE	75	20+78.01	25	5130.22	5136.22
76	16+50.00	DOUBLE	76	20+88.01	25	5130.56	5136.56
77	16+60.00	DOUBLE	77	20+98.01	25	5130.91	5136.91
78	16+70.00	DOUBLE	78	21+08.01	25	5131.25	5137.25
79	16+80.00	DOUBLE	79	21+18.01	25	5131.60	5137.60
80	16+90.00	DOUBLE	80	21+28.01	25	5131.94	5137.94
81	17+00.00	DOUBLE	81	21+38.01	25	5132.29	5138.29
82	17+10.00	DOUBLE	82	21+48.01	25	5132.63	5138.63
83	17+20.00	DOUBLE	83	21+58.01	25	5132.98	5138.98
84	17+30.00	DOUBLE	84	22+08.01	25	5133.32	5139.32
85	17+40.00	DOUBLE	85	22+18.01	25	5133.67	5139.67
86	17+50.00	DOUBLE	86	22+28.01	25	5134.01	5140.01
87	17+60.00	DOUBLE	87	22+38.01	25	5134.36	5140.36
88	17+70.00	DOUBLE	88	22+48.01	25	5134.70	5140.70
89	17+80.00	DOUBLE	89	22+58.01	25	5135.05	5141.05
90	17+90.00	DOUBLE	90	23+08.01	25	5135.39	5141.39
91	18+00.00	DOUBLE	91	23+18.01	25	5135.74	5141.74
92	18+10.00	DOUBLE	92	23+28.01	25	5136.08	5142.08
93	18+20.00	DOUBLE	93	23+38.01	25	5136.43	5142.42
94	18+30.00	DOUBLE	94	23+48.01	25	5136.77	5142.77
95	18+40.00	DOUBLE	95	23+58.01	25	5137.12	5143.12
96	18+50.00	DOUBLE	96	24+08.01	25	5137.46	5143.46
97	18+60.00	DOUBLE	97	24+18.01	25	5137.81	5143.81
98	18+70.00	DOUBLE	98	24+28.01	25	5138.15	5144.15
99	18+80.00	DOUBLE	99	24+38.01	25	5138.50	5144.50
100	18+90.00	DOUBLE	100	24+48.01	25	5138.84	5144.84



12" PIPE TO BE PLACED
BEFORE LAST UNPOLE
BEFORE CONNECTION TO
EX. 10"



AS BUILT INFORMATION

CONTRACT NO. _____ DATE _____

PROJECT NAME _____ DATE _____

DESIGNED BY _____ DATE 10-2000

DRAWN BY _____ DATE 12-2000

CHECKED BY _____ DATE 12-2000

REVISIONS

NO.	DATE	REMARKS

ENGINEER'S SEAL

TERRA WEST, LLC
5000 JEFFERSON AVE
ALBUQUERQUE, NEW MEXICO 87113
(505) 266-3100

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**TITLE: STORY ROCK SUBDIVISION - UNIT 1
UTILITY IMPROVEMENTS
STORY ROCK DRIVE STA 11+29.18 TO STA 20+58.73**

DESIGN REVIEW COMMITTEE

APPROVE

CITY ENGINEER

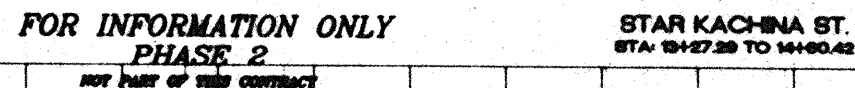
ZONE MAP NO. 650081

SHEET 23 OF 35

10

NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURBS AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE CURB TO SURFPAVED C&G IS THRU THE MC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.
4. CUT-OFF TO BE BUILT PER C.O.A. STD DWG #2419.
5. ALL INTERSECTIONS SHALL BE BUILT PER C.O.A. STD DWG# 2401



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

[illegible]

TIERRA WEST, LLC
6500 JEFFERSON RE
ALBUQUERQUE, NEW MEXICO 87113
(505)298-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

WILE: **STONY ROCK SUBDIVISION - UNIT 1**
UTILITY IMPROVEMENTS
STAR HIGHWAY STREET STA: 13+27.29 TO STA: 14+00.42

CONFIDENTIAL

JUN 3 1964
 RECEIVED

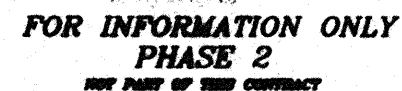
100-7200

CITY PROJECT NO.		ZONE MAP NO.		SHEET OF	
650081		F-11-7		24 35	

WL TABLE

LOT #	STATION	SERVICE
1	12+90.52	SINGLE
2+3	13+49.65	DOUBLE
4+5	14+61.65	DOUBLE
6+7	15+73.66	DOUBLE
8+9	16+85.66	DOUBLE
10+125	17+97.66	DOUBLE
66	15+64.64	SINGLE
69+70	15+04.64	DOUBLE
71+72	13+84.64	DOUBLE
73+74	12+67.52	DOUBLE

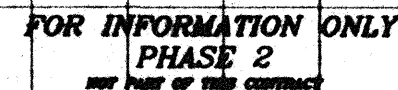
• • END OF MESSAGE LINE • •



LEGENDS AVE.
STA: 9+39.90 TO 17+92.53



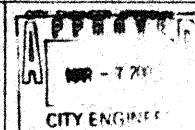
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



TIERRA WEST, L.L.
8000 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87111
(505) 262-3100

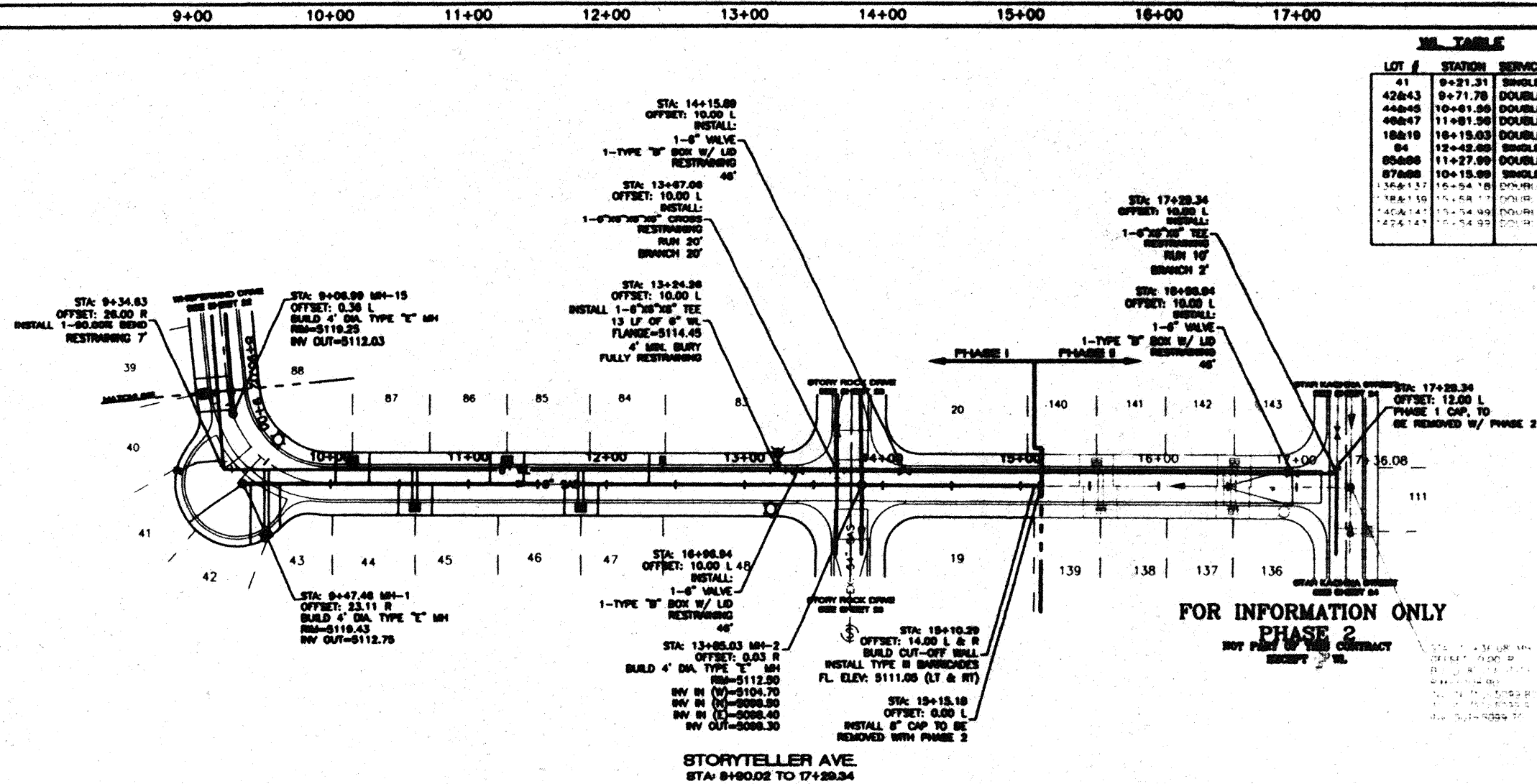
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **STORY ROCK SUBDIVISION - UNIT 1**
UTILITY IMPROVEMENTS
LEGENDS AVENUE STA: 9+30.00 TO STA: 17+02.53



CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650081	F-11-2	25	34

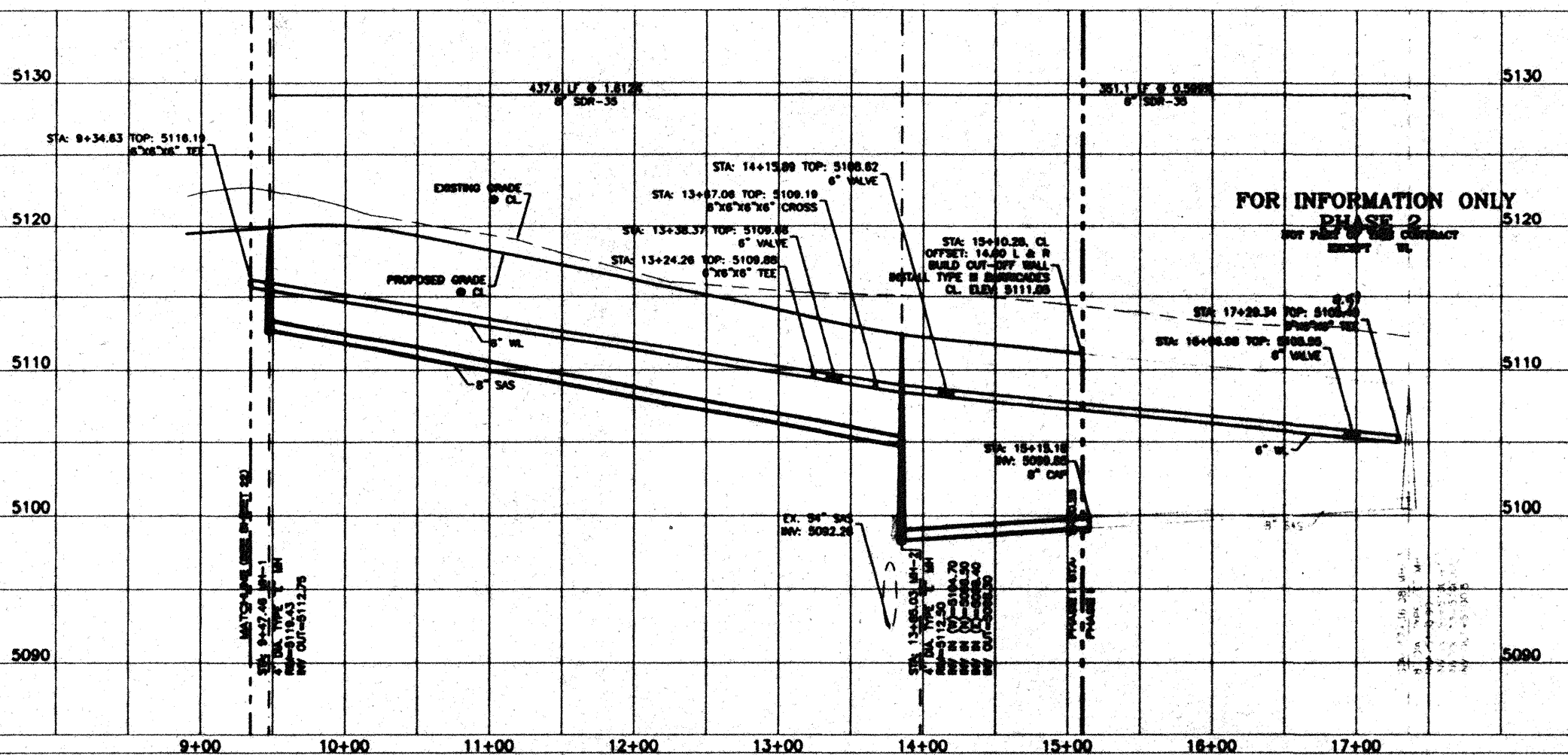
SCANNED BY
PLANNING



WV TABLE					SAS TABLE				
LOT #	STATION	SERVICE	LOT #	STATION	LF	INV. #	ELEV. @ P.		
41	9+21.31	SINGLE	41	9+47.46	48	5114.00	5120.00		
42&43	9+71.78	DOUBLE	42	9+50.91	44	5114.50	5120.50		
44&45	10+61.98	DOUBLE	43	9+66.12	32	5114.30	5120.30		
46&47	11+81.98	DOUBLE	44	10+49.50	23	5113.80	5119.80		
18&19	16+15.03	DOUBLE	45	10+73.94	23	5113.29	5119.29		
84	12+42.00	SINGLE	46	11+69.74	23	5111.65	5117.65		
85&86	11+27.99	DOUBLE	47	11+94.18	23	5111.14	5117.14		
87&88	10+15.99	SINGLE	84	12+30.72	23	5110.40	5116.40		
13&137	16+54.18	DOUBLE	85	11+40.06	23	5112.26	5118.26		
13&137	16+54.18	DOUBLE	86	11+15.62	23	5112.43	5118.43		
14&141	15+54.99	DOUBLE	87	10+28.06	23	5114.22	5120.22		
14&141	15+54.99	DOUBLE	88	10+03.62	23	5114.53	5120.53		



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



TERRA WEST, LLC
6000 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)268-3100

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**STORYTELLER AVENUE - UNIT 1
UTILITY IMPROVEMENTS**
STORYTELLER AVENUE STA: 8+00.02 TO STA: 17+28.34

CITY PROJECT NO. 650081
ZONE MAP NO. 1-11-2
SHEET 27 OF 35

NO.	DATE	REVISIONS
1	8-2000	DESIGN
2	12-2000	BY MP
3	9950	LAST DESIGN UPDATE

DESIGNED BY: MP
DRAWN BY: MP
CHECKED BY: DS, RRB

SCANNED BY
PLANNING

10+00 11+00 12+00 13+00 14+00 15+00 16+00

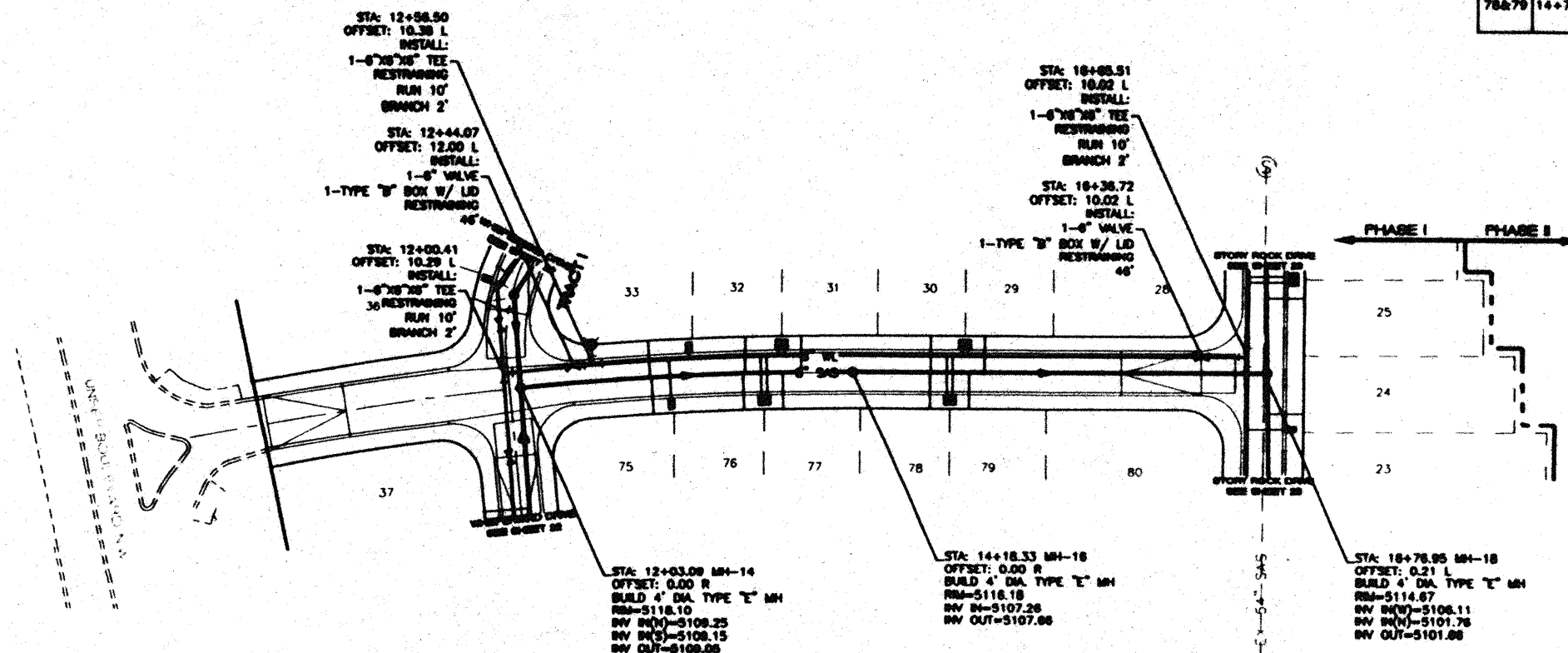
WM TABLE

LOT #	STATION	SERVICE
29&30	14+88.86	DOUBLE
31&32	13+74.18	DOUBLE
33	13+18.83	SINGLE
75	13+05.31	SINGLE
76&77	13+82.34	DOUBLE
78&79	14+79.00	DOUBLE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
29	15+00.91	23	5110.39	5116.39
30	14+86.74	23	5110.84	5116.84
31	13+85.94	23	5110.90	5116.90
31	13+50.83	23	5111.16	5117.16
33	12+91.50	23	5111.50	5117.50
75	12+92.37	23	5111.50	5117.50
76	13+49.59	23	5111.17	5117.17
77	13+74.45	23	5110.88	5116.88
78	14+86.74	23	5110.84	5116.84
79	14+91.18	23	5110.46	5116.46

* END OF SERVICE LINE



SIPAPU RD.
STA 12+00.41 TO 16+76.95

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



BEGIN CONSTRUCTION
STA 10+48.51
PL. ELEV. 5124.89

5130

5120

5110

5100

5130

5120

5110

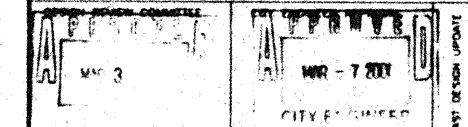
5100

10+00 11+00 12+00 13+00 14+00 15+00 16+00

INTERVIEW WEST, LLC
8000 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)856-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

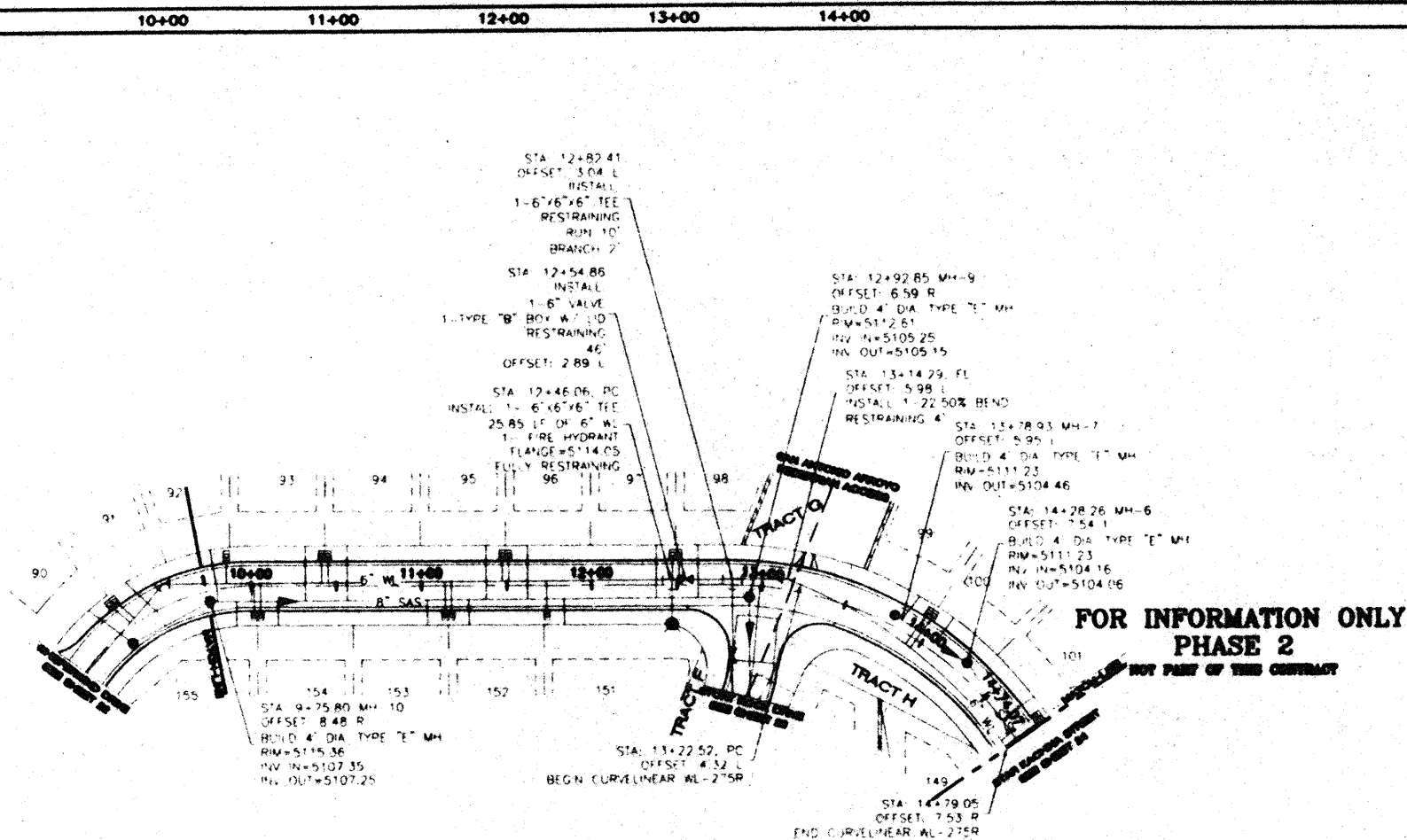
TITLE: **STORY ROCK SUBDIVISION - UNIT 1**
UTILITY IMPROVEMENTS
SIPAPU ROAD STA: 12+00.41 TO STA: 16+76.95



CITY PROJECT NO. 650081
ZONE MAP NO. 1112
SHEET 28 OF 34

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS 3-F10	DATE	FIELD NOTES	BY		DESIGNED BY: MP DRAWN BY: MP CHECKED BY: JS
DATE	DATE	CENTRAL STATION DATA	DATE	NO.	REVISIONS		
DATE	DATE	AN STATE PLANE COORDINATES	DATE	BY	DATE		
DATE	DATE	Central Zone	DATE	DATE	DATE		
MICRO-FILM INFORMATION		Central Zone		DATE		DATE	
RECORDED BY		Y=150851.87		DATE 8-2000		DATE 12-2000	
NO		Q-Q=0.9998704		DATE 12-2000		DATE 12-2000	
		D=0-0715'50"					
		ELEV= 5255.21					

SCANNED BY
PLANNING

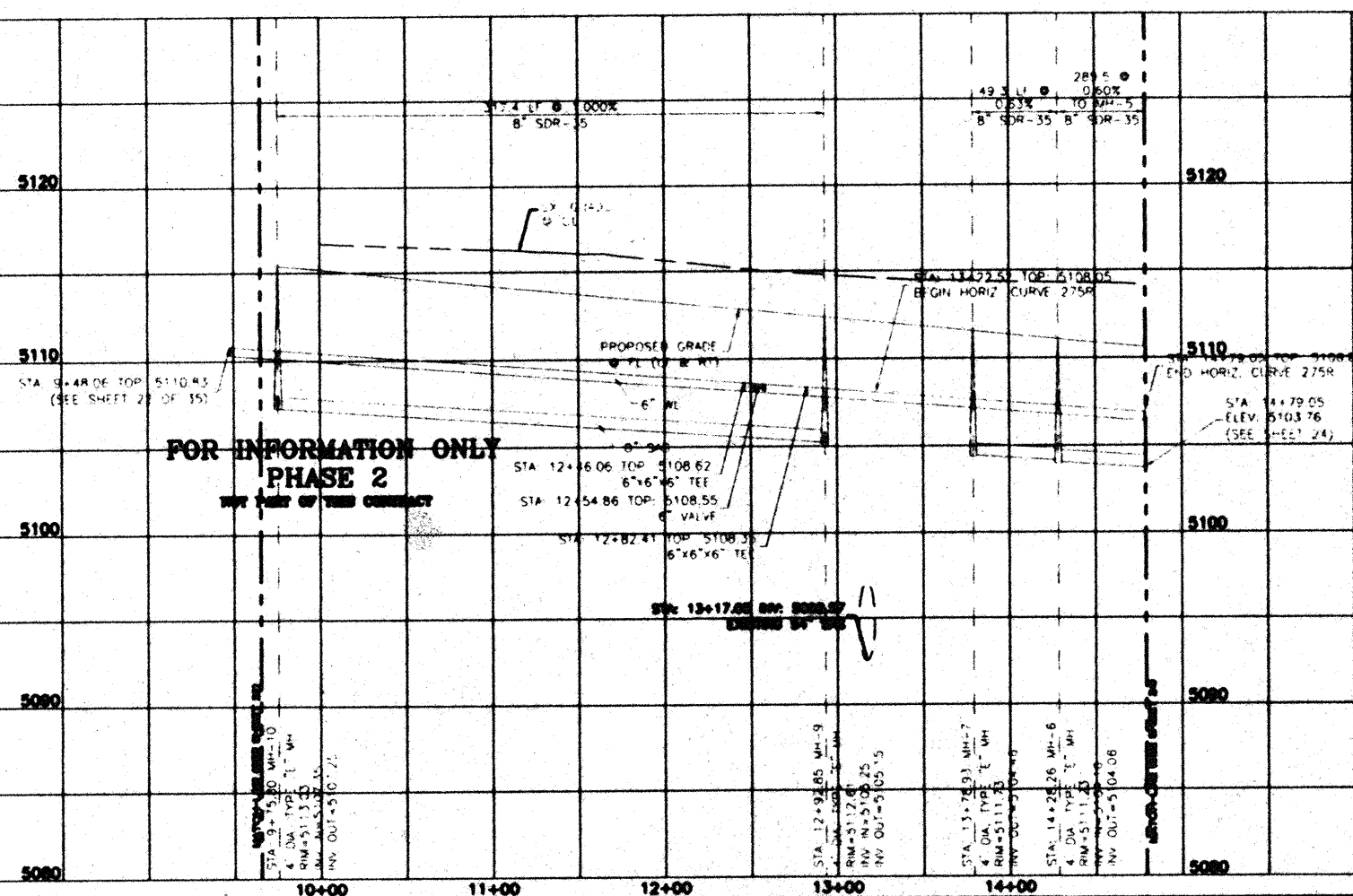


WE TABLE

STATION	DATE	TIME	BY	REMARKS
9+78.00	10/14/11	11:00	WJ	INSTALL 1- 6"x6"x6" TEE RESTRAINING RUN 10' BRANCH 2'
12+54.86	11/10/11	11:00	WJ	INSTALL 1- 6" VALVE 1-TYPE "B" BOX W/ LID RESTRAINING 40' OFFSET: 2.89 L
12+46.06	12/10/11	11:00	WJ	PC INSTALL 1- 6"x6"x6" TEE 25.85 L OF 6" WL 1- FIRE HYDRANT FLANGE=5'14.05 FULLY RESTRAINING
12+92.85	12/10/11	11:00	WJ	MH-9 OFFSET: 6.59 R BUILD 4" DIA TYPE "E" MH RM=5112.61 INV IN=5105.25 INV OUT=5105.15
13+14.29	12/10/11	11:00	WJ	FL OFFSET: 5.98 L INSTALL 1-22.50% BEND RESTRAINING 4'
13+78.93	12/10/11	11:00	WJ	MH-7 OFFSET: 5.95 L BUILD 4" DIA TYPE "E" MH RM=5111.23 INV IN=5104.16 INV OUT=5104.46
14+28.26	12/10/11	11:00	WJ	MH-6 OFFSET: 7.54 L BUILD 4" DIA TYPE "E" MH RM=5111.23 INV IN=5104.16 INV OUT=5104.46
13+22.52	12/10/11	11:00	WJ	PC OFFSET: 4.32 L BEGIN CURVILINEAR WL-275R
14+79.05	12/10/11	11:00	WJ	END CURVILINEAR WL-275R
9+75.80	12/10/11	11:00	WJ	MH-10 OFFSET: 8.48 R BUILD 4" DIA TYPE "E" MH RM=5115.36 INV IN=5107.35 INV OUT=5107.25



SCALE: HORIZ. 1"=80'
VERT. 1"= 8'



TUDOR WEST, LLC
2000 UNIVERSITY BLVD. SUITE 100
ALBUQUERQUE, NM 87102
(505) 261-1100

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

TITLE: **STONY ROCK SUBSTATION - UNIT 2
UTILITY IMPROVEMENTS
ARROWPOINT AVENUE STA 9+78.00 TO STA 14+78.00**

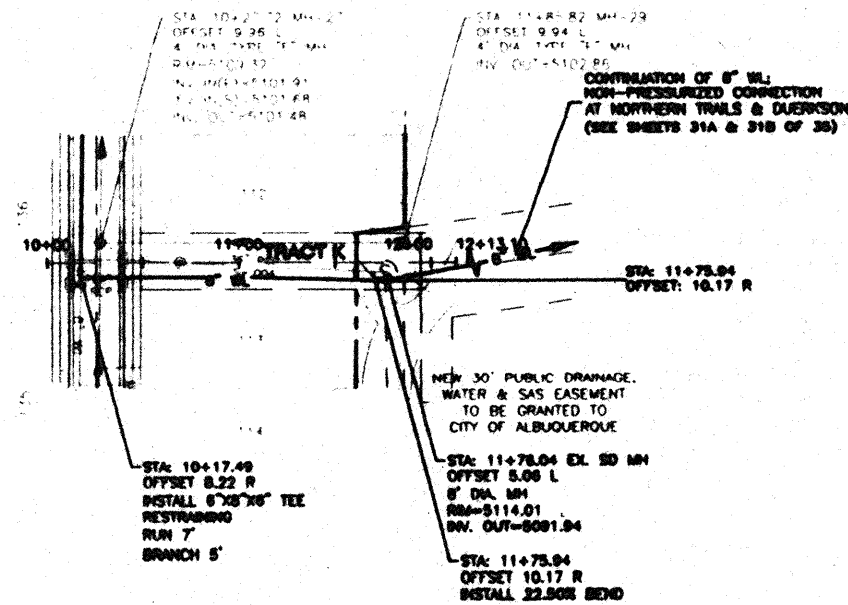
DESIGNED BY: MP DATE: 9-2000
DRAWN BY: MP DATE: 12-2000
CHECKED BY: DS DATE: 12-2000

CITY PROJECT NO. **650081** ZONE MAP NO. **F-11-2** SHEET **29** OF **35**

10+00 11+00 12+00

FOR INFORMATION ONLY
PHASE 2

NOT PART OF THIS CONTRACT



TRACT K
STA: 10+00 TO 11+75.52

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



126.1 L @ 0.001%
SOR-35

STA: 10+17.07 TOP: 5105.15
6"X6"X6" TEE

STA: 11+75.52 TOP: 5104.51
(SEE SHEET 31 OF 35)

FOR INFORMATION ONLY
PHASE 2

NOT PART OF THIS CONTRACT

AS BUILT INFORMATION

DATE	
DATE	
DATE	
DATE	
DATE	
DATE	

BENCH MARKS

ACS 3-110	
CENTRAL STATION DATA	
NAD STATE PLANE COORDINATES	
Corner Zone	
X=382216.44	
Y=1508551.87	
0-0+0.0000704	
0-0+0.001575"	
ELV= 5236.21	

SURVEY INFORMATION

DATE	
DATE	
DATE	
DATE	
DATE	
DATE	



ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

STYRENEA INTEREST, P.L.C.
8500 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

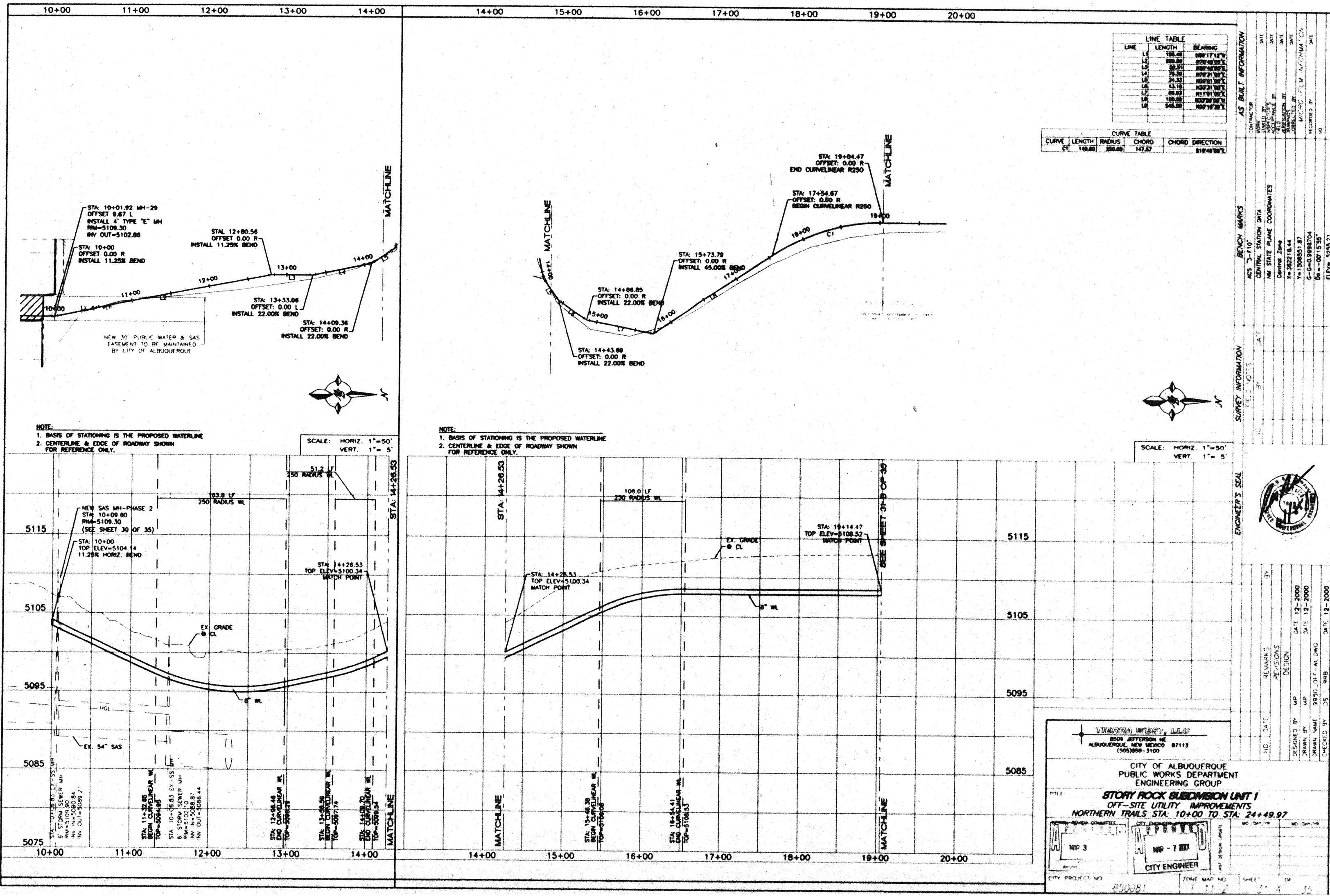
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

STORY ROCK SUBDIVISION - UNIT 1
UTILITY IMPROVEMENTS
TRACT "K" STA: 10+00 TO STA: 11+75.52

DESIGNED BY: MP DATE: 9-2000
DRAWN BY: MP DATE: 12-2000
CHECKED BY: DS DATE: 12-2000

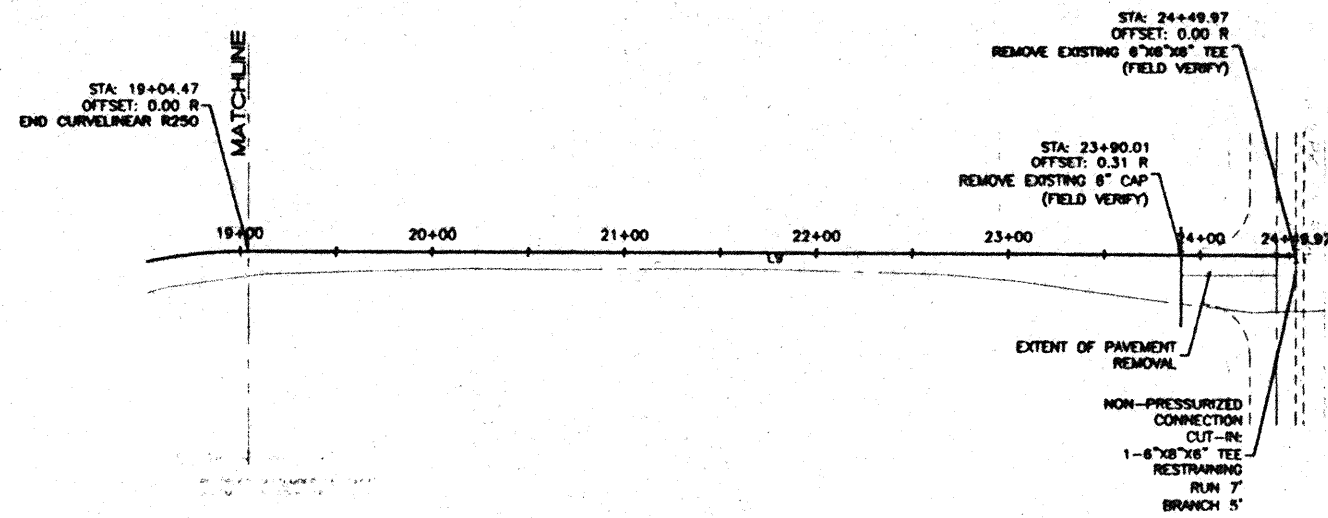
CITY PROJECT NO: 650081
ZONE MAP NO: 11-2
SHEET: 30 OF 35

SCANNED BY
PLANNING



SCANNED BY
PLANNING

18+00 19+00 20+00 21+00 22+00 23+00 24+00



NOTE:
1. BASIS OF STATIONING IS THE PROPOSED WATERLINE
2. CENTERLINE & EDGE OF ROADWAY SHOWN
FOR REFERENCE ONLY.



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

LINE TABLE		
LINE	LENGTH	BEARING
1	198.48	N88°17'12"E
2	200.00	N88°17'12"E
3	58.91	N88°17'12"E
4	58.91	N88°17'12"E
5	58.91	N88°17'12"E
6	58.91	N88°17'12"E
7	58.91	N88°17'12"E
8	58.91	N88°17'12"E
9	58.91	N88°17'12"E
10	58.91	N88°17'12"E
11	58.91	N88°17'12"E
12	58.91	N88°17'12"E
13	58.91	N88°17'12"E
14	58.91	N88°17'12"E
15	58.91	N88°17'12"E
16	58.91	N88°17'12"E
17	58.91	N88°17'12"E
18	58.91	N88°17'12"E
19	58.91	N88°17'12"E
20	58.91	N88°17'12"E
21	58.91	N88°17'12"E
22	58.91	N88°17'12"E
23	58.91	N88°17'12"E
24	58.91	N88°17'12"E
25	58.91	N88°17'12"E
26	58.91	N88°17'12"E
27	58.91	N88°17'12"E
28	58.91	N88°17'12"E
29	58.91	N88°17'12"E
30	58.91	N88°17'12"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	CHORD DIRECTION
CT	148.00	200.00	147.87
			81°49'00"E

AS BUILT INFORMATION			
NO.	DATE	BY	REMARKS
1			
2			
3			
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29			
30			

BENCH MARKS			
NO.	DATE	BY	REMARKS
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SURVEY INFORMATION			
NO.	DATE	BY	REMARKS
1			
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ENGINEER'S SEAL			
NO.	DATE	BY	REMARKS
1			
2			
3			
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30			

SEE SHEET 31-A OF 35

MATCHLINE

STA: 19+04.47
TOP ELEV=5108.52
MATCH POINT

EX. GRADE
CL

8" WL

STA: 24+49.97
TOP ELEV=5108.50
6"x8"x8" TEE

STA: 23+90.01
TOP ELEV=5108.50
REMOVE EXISTING 8" CAP
(FIELD VERIFY)

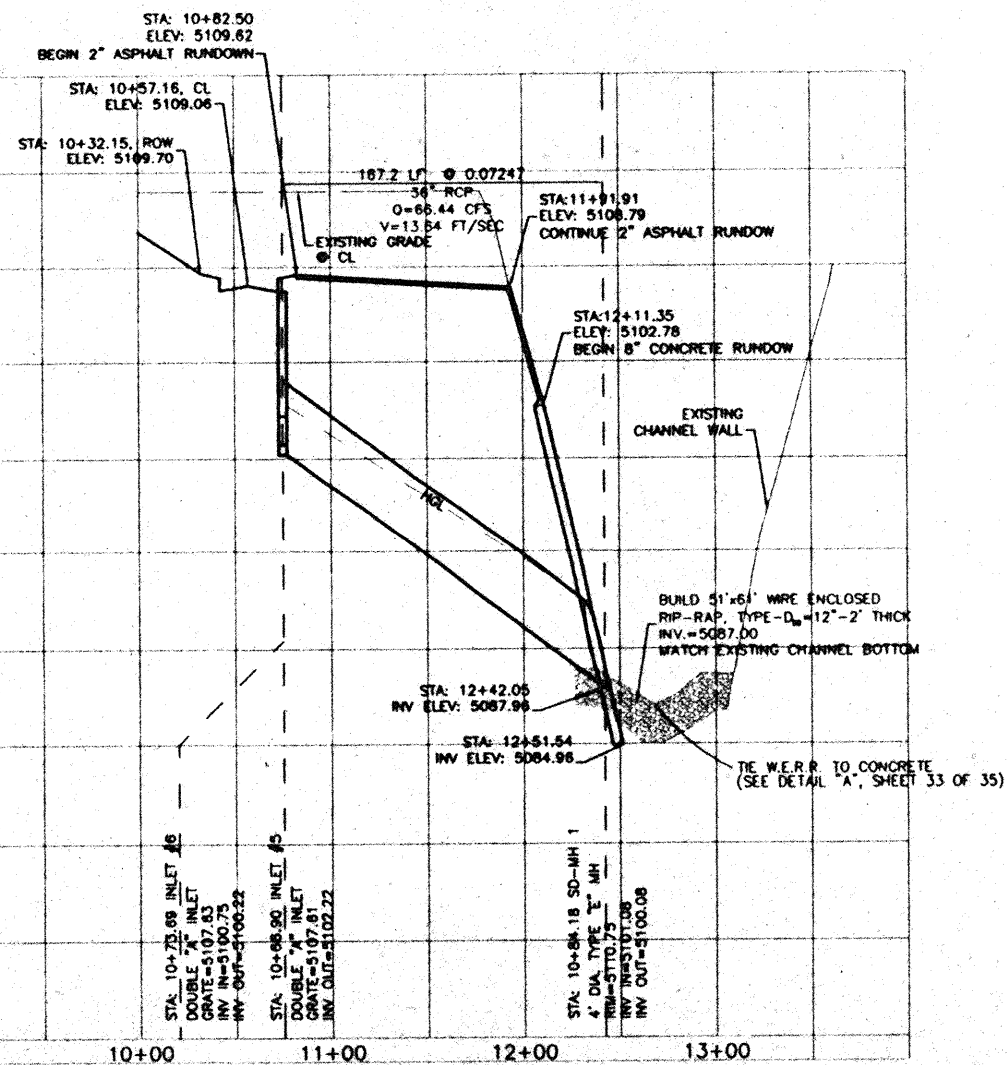
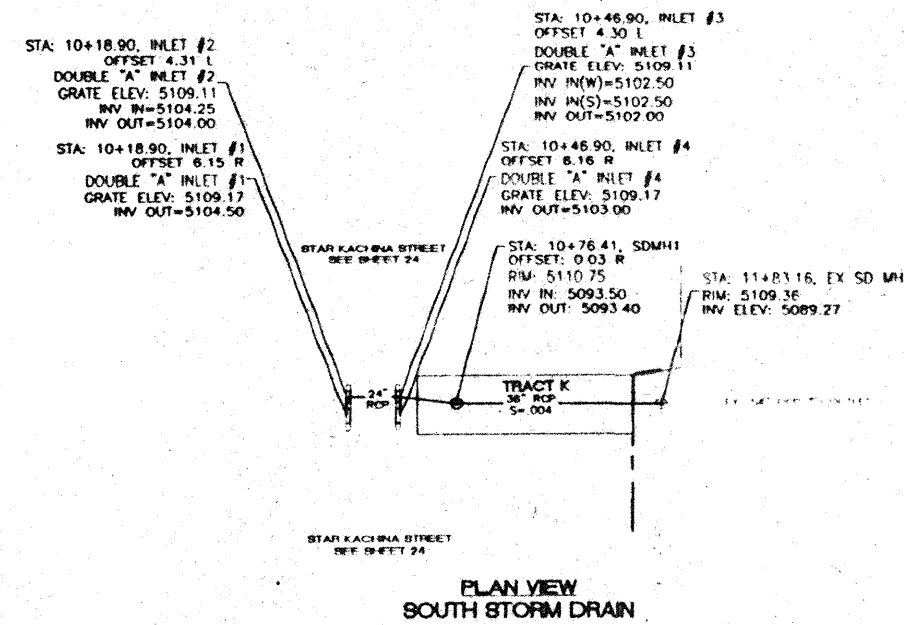
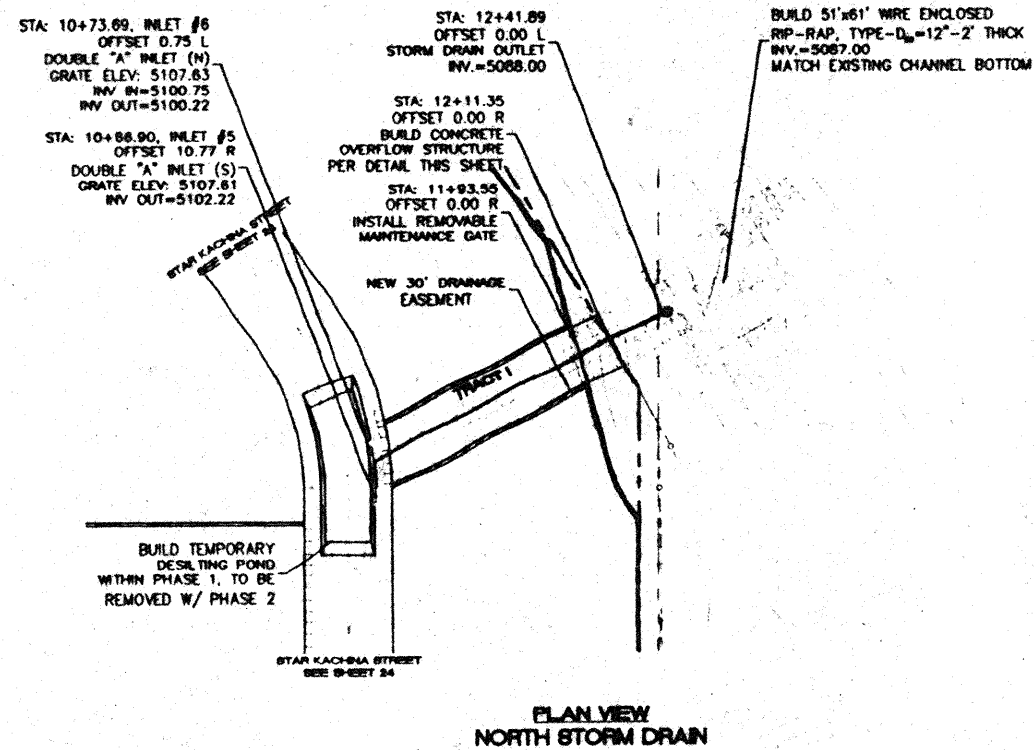
NON-PRESSURIZED
CONNECTION
CUT-IN:
1-6"x8"x8" TEE

STORY ROCK BUDMBION - UNIT 1
OFF-SITE WATERLINE IMPROVEMENTS
STA: 10+00 TO STA: 24+49.97

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]

CITY PROJECT NO: 650081
ZONE MAP NO: 1112
CUB: 31.0

SCANNED BY
PLANNING



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

ENGINEER'S SEAL
Paul R. [Signature]
01/31/01

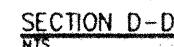
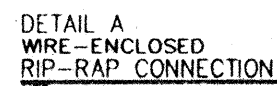
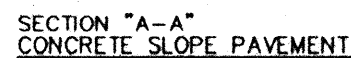
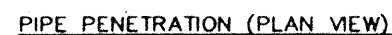
8500 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505) 958-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

STORY ROCK SUBDIVISION - UNIT 1
STORM DRAIN IMPROVEMENTS

NORTH SD STA: 10+72.71 TO STA: 11+93.51 AND SOUTH SD STA: 10+21.27 TO STA: 11+90.94

CITY ENGINEER



- Agan M. Mays 2-01-01
AMFCA DATE

ENGINEER'S SEAL

Rec'd
10/21/14

REVISIONS		DATE	BY	APP'D
DESIGNED BY	MP	10-2000		
DRAWN BY	MP	11-01-2001		
CHECKED BY	DS	01-2001		

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
STORY ROCK SUBMISSION - UNIT 1
STORM SEWER CONNECTION
DETAILS

CITY ENGINEER
APPROVED
MAR - 7 1971
CITY ENGINEER

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION, AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITHIN THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS  24 HOUR PER DAY BASIS UNTIL COMPLETED
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERS ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19.  48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

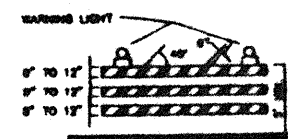
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

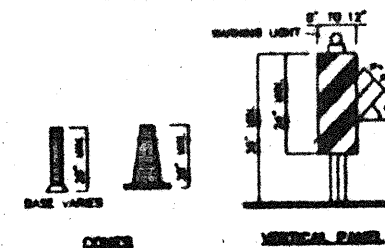
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

20. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. 

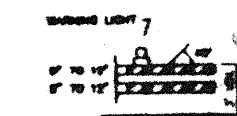
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 



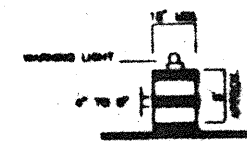
DECLASSIFICATION



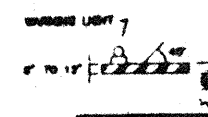
WESTERN PAPER



INTEL. A. B. 100-100000

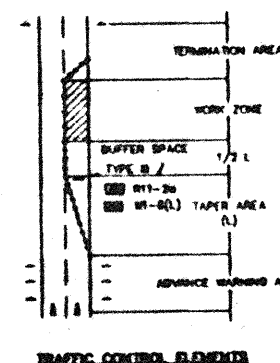


Abstract



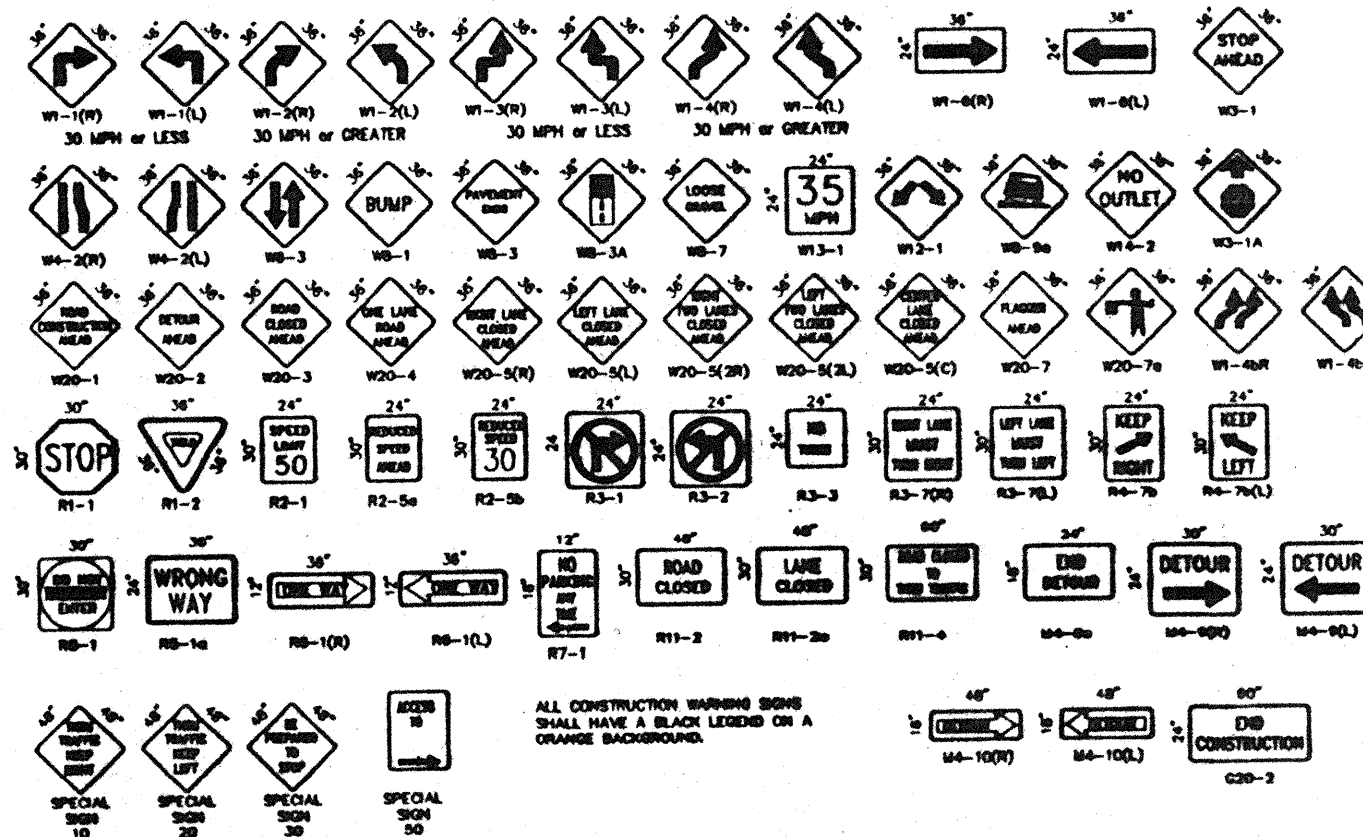
DEPT. J. BARRICADE
CELL 477018

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TRAFFIC CONTROL ELEMENT

SIGN FACE DETAILS



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

LEGEND

	WORK AREA
o	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
	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	

TAPER REQUIREMENTS

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

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

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

LAYER CUTTING

<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 MINIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

~~TOP SECRET COMINT~~

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{100}{60}^2$
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: SIGNAL AND CONSTRUCTION TRAFFIC CONTROL STANDARDS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	REVISION #1
CDA	STD		REVISION #2
			REVISION #3
			REVISION #4
			REVISION #5
PROJECT NO. 12520081	MAP NO.	SHEET 34 OF 35	

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