

[illegible]

NOTICE TO CONTRACTORS

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

-

DATE: 1/8/97

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Lark
DATE 1-9-97

BHI JOB NO. 96100A22440



BOHANNAN-HUSTON INC.
 ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
 ALBUQUERQUE LAS CRUCES SANTA FE

PLAT OF
TRACTS D-1A, D-1B, D-1C,
D-1D, D-1E, D-1F AND D-1G
SISTERS OF THE ORDER
OF ST. DOMINIC
ALBUQUERQUE, NEW MEXICO
OCTOBER, 1993

USGLOS CAP
CLOSING CORNER
1921
S11, S12
E
ELENA
CALLEGOS
GRANT
Geographic Position (NAD 27)
N.M. State Plane Coordinates
(Central Zone)
X=399,666.45
Y=1,528,501.63
Ground-to-Grid Factor=0.9996660
2000-0011137
Elev.=5132.803

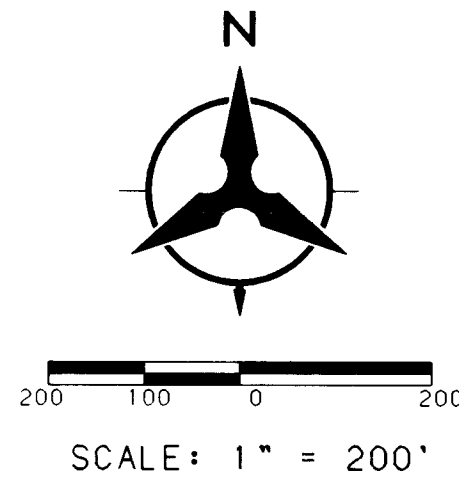
State of New Mexico
County of Bernalillo
This instrument was filed for record on
OCT 21 1993
at 10:00 a.m. Recorder in Vol. 93C
of records of said County Folio 302
Judy J. Woodward, Clerk & Recorder
Deputy Clerk

10' UTILITY EASEMENT GRANTED TO
P.N.M. AND U.S. WEST COMMUNICATIONS
WITH THE FILING OF THIS PLAT.
San Mateo Blvd. Additional Street R.O.W.
Dedicated To The City Of Albuquerque
With The Filing Of This Plat.

EXISTING 10' PNM & HST&T Co.
Easement Granted By Doc. No. 80951
Recorded in Book D555, Page 345,
On August 5, 1960, As Modified
By Doc. No. 91028192 Recorded
In Book BCR91-6, Pages 4187-4188
On April 15, 1991.

LEGEND	
—	BOUNDARY LINE
- - -	EASEMENT LINE
- · - · -	ADJOINING PROPERTY LINE
- · - · -	STREET RIGHT-OF-WAY LINE
- · - · -	STREET CENTERLINE
- · - · -	NEW LOT LINE
○	FOUND A.M.A.F.C.A. RIGHT-OF-WAY BRASS CAP SET IN CONCRETE
⊙	FOUND 5/8" REBAR WITH YELLOW PLASTIC SURVEY CAP STAMPED "PEALS 2455"
●	SET 5/8" REBAR WITH PLASTIC SURVEY CAP STAMPED "NEWER LS 6544"
△	CENTERLINE (IN LIEU OF R/W MONUMENT) TO BE INSTALLED AT THESE LOCATIONS.

BUILD 12' WIDE, 4" THICK MILLINGS ROAD FOR PILOT / EMERGENCY ACCESS. FOLLOW AMAFCA MAINTENANCE ROAD ALIGNMENT AND MATCH EXISTING GROUND PROFILE TO EDITH. THE EXISTING GATE AT EDITH WILL BE MODIFIED BY OTHERS. ESTIMATED QUANTITY 3000SY.



FLOW CAPACITY IN THE CAMINO ARROYO AND THE INLET TO THE NORTH DIVERSION CHANNEL MUST BE MAINTAINED. THE BERM ALONG THE SOUTH SIDE OF THE CAMINO ARROYO MUST NOT BE BREACHED.

BORROW AREA

STABILIZATION PROBLEM AREA

BUILD 25' WIDE 4" THICK MILLINGS ROAD

CROSSING ROAD

BUILD 25' WIDE 4" THICK MILLINGS ROAD

CROSSING ROAD

STABILIZATION PROBLEM AREA

BUILD 20' PEDESTRIAN RAMP

CONCOURSE MILLINGS

BUILD 40' x 100' x 4" THICK MILLINGS PAD

LIMITS OF CONCESSION CONCOURSE

BUILD 25' WIDE 4" THICK MILLINGS ROAD

See Detail 'B'

JEFFERSON ST.

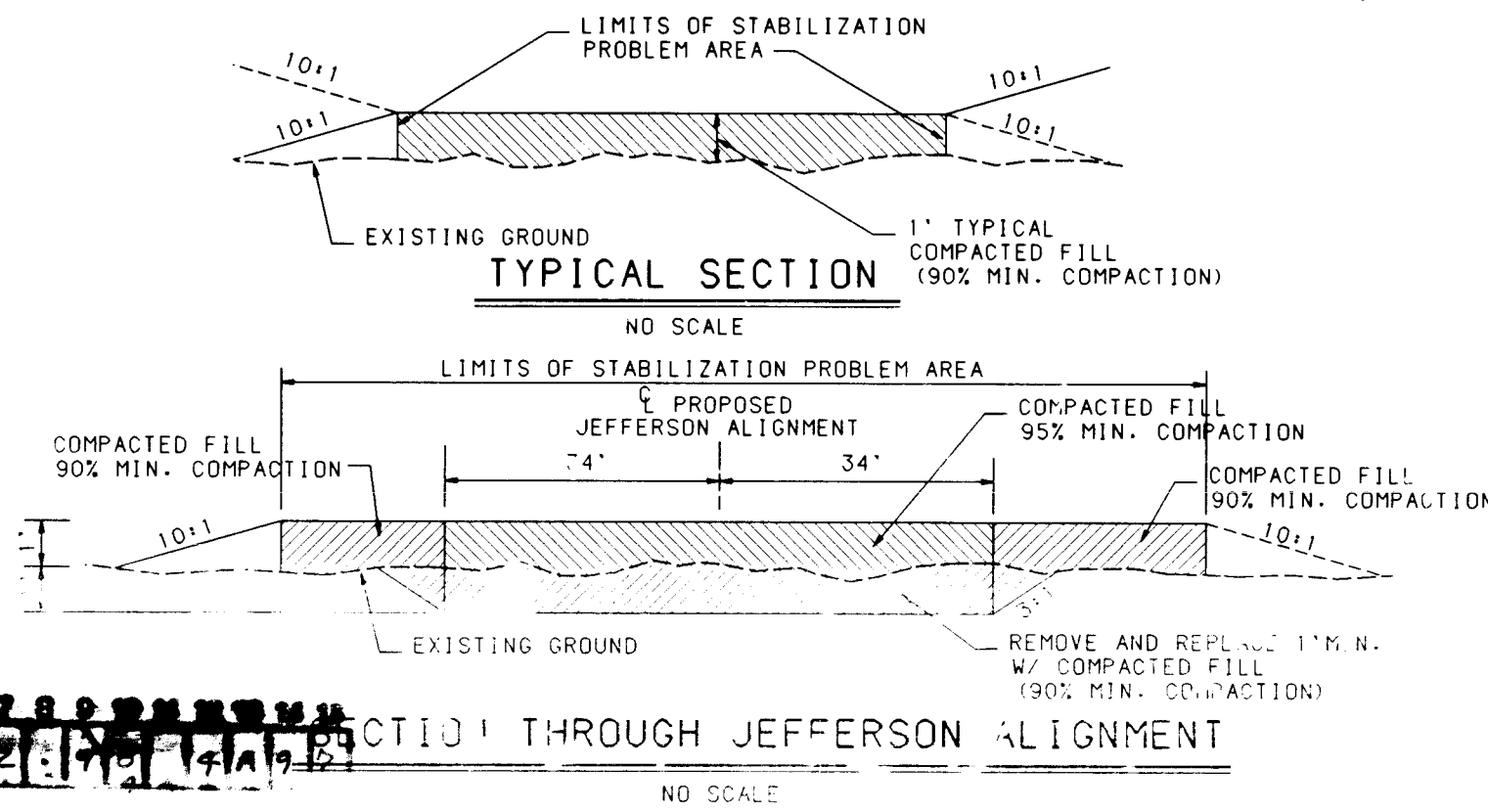
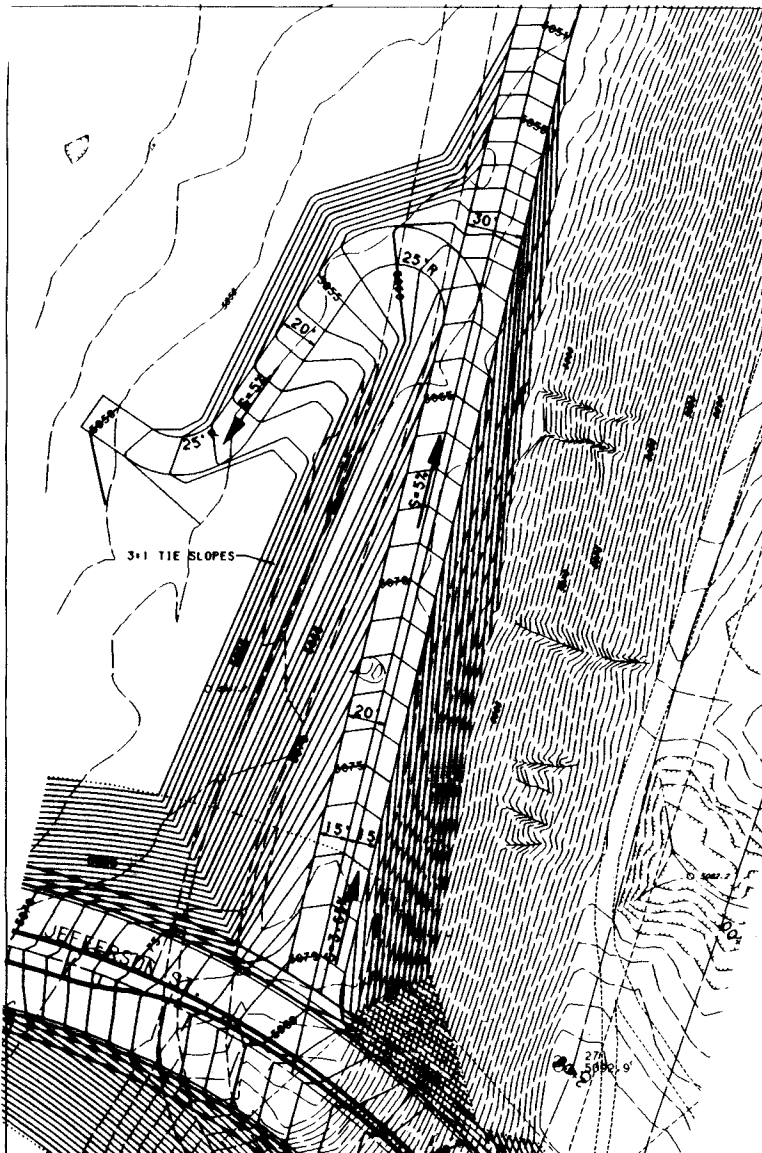
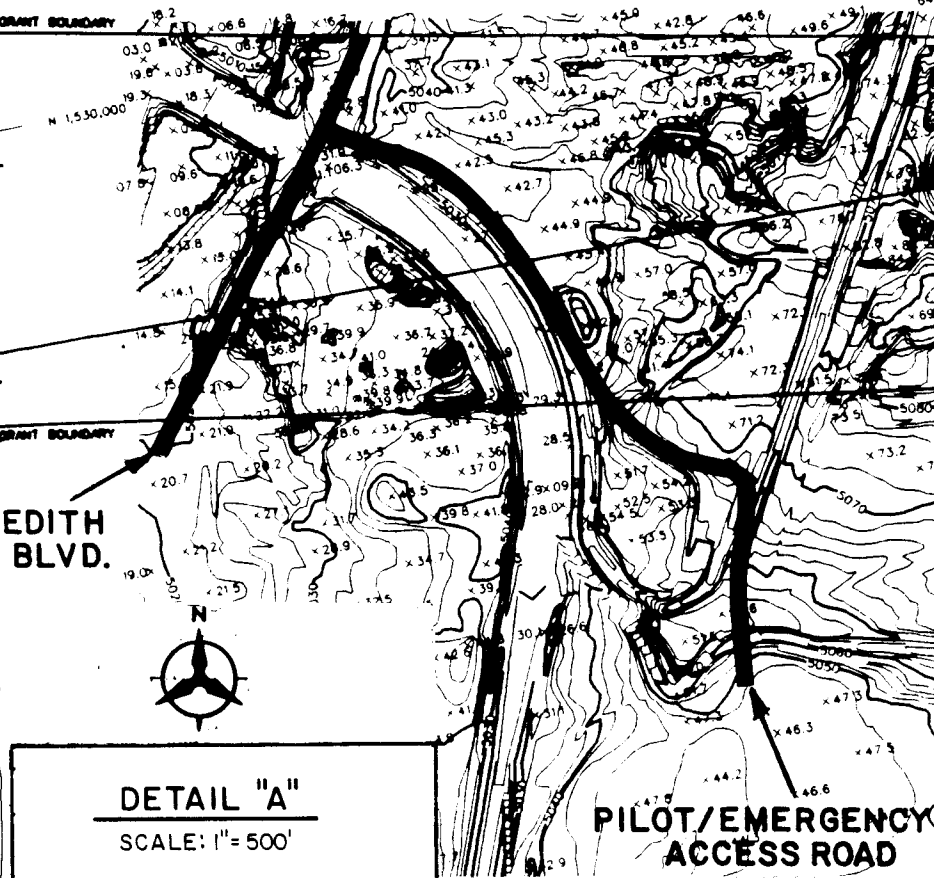
BALBOA AVE.

SAN DIEGO AVE.

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+41.69	10°07'39"	41.69'	83.16'	470.50'
C2	6+35.38	90°16'55"	452.22'	709.07'	450.00'
C3	14+39.93	65°06'49"	383.38'	681.87'	600.00'
C4	41+35.56	92°20'34"	572.96'	886.43'	500.00'
C5	52+20.42	10°07'32"	39.87'	79.52'	450.00'
C6	53+96.12	33°38'35"	136.05'	264.23'	450.00'
C7	9+60.73	31°26'31"	323.70'	631.08'	1150.00'
C8	13+77.21	27°15'31"	109.11'	214.09'	450.00'
C9	25+32.64	16°50'42"	37.02'	73.50'	250.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N44°55'03"W	164.62'
T2	N20°11'46"E	1823.87'
T3	S67°27'40"E	731.53'
T4	S89°01'17"W	222.24'
T5	N13°27'02"E	537.02'
T6	N17°38'03"W	1013.44'
T7	N00°47'21"E	63.01'

CENTERLINE DATA FOR LOOP ROAD AND SERVICE ROAD ONLY



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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5202.90	8-17	4A	27

LAST DESIGN UPDATE

DESIGNED BY JF/CH DATE 1/96
DRAWN BY TSG DATE 1/96
CHECKED BY CH/HME DATE 1/96

REVISIONS
NO. DATE REMARKS
1 4-1-96 HAND/CA/PAW
2 4-1-96 CROSSING ROADS/TOWARD/ROADS
3 4-1-96 PILOT/EMERGENCY ACCESS ROAD
4 4-1-96 REUSE ROAD WIDTHS, ADD MILLINGS PAD AND DETAIL 'B'

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DATE: JANUARY 1996

THIS SHEET VOID - SEE SHEET 4AR FOR AS-BUILT

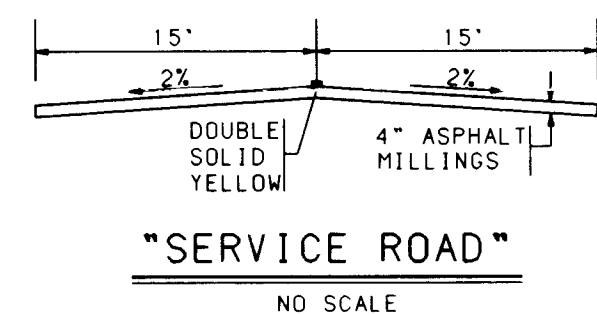
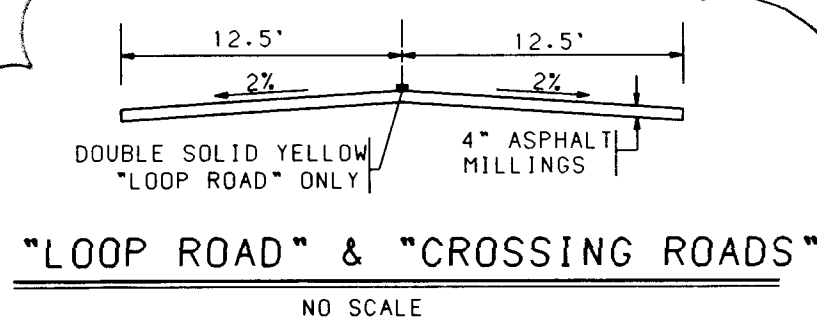
SCANNED BY LASON

GENERAL NOTES:

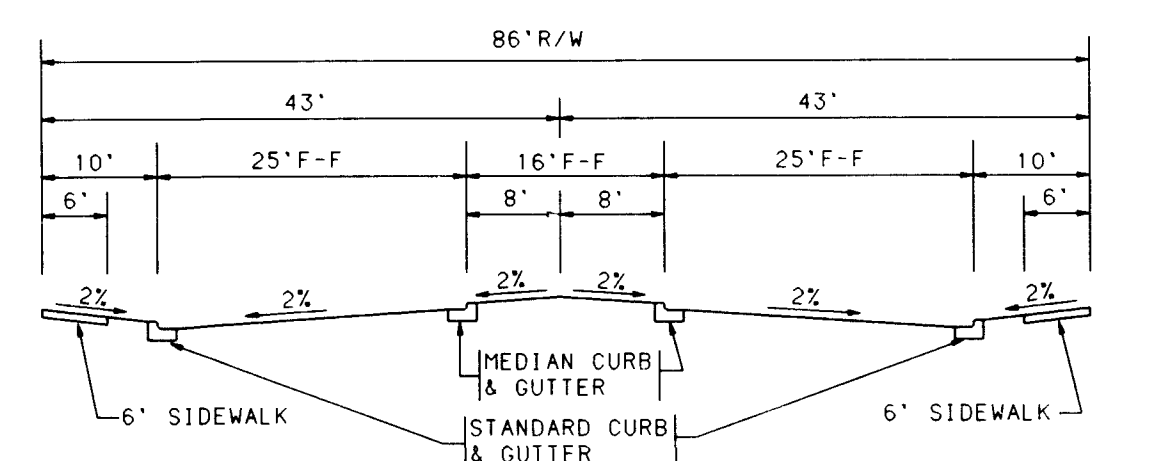
1. TYPE B VALVE BOXES WILL BE INSTALLED IN ALL UNPAVED AREAS.
2. GRADING AT ESCARPMENT FOR BALBOA AVE. AND JEFFERSON ST. WILL BE FOR THE ULTIMATE ROADWAY SECTION (86' R/W WITH 3:1 TIE SLOPES).
3. BUILD TEMPORARY 30" WIDE 4" THICK MILLINGS CONNECTION FROM WEST FRONTAGE ROAD TO SOUTH BOUND 1-25 LOCATED HALFWAY BETWEEN BALBOA AVE. AND SAN DIEGO AVE.. BUILD AT 20° ANGLE TO SOUTH BOUND 1-25. APPROX. QUANTITY 500SY.
4. EXISTING TERRAIN UNDER INTERNAL BALLOON FIELD ROADS SHALL BE MOISTURE CONDITIONED AND ROLLER COMPACTED (TWO PASSES) BEFORE MILLINGS ARE LAID. NO OTHER SUBGRADE PREPARATION (EXCEPT CLEARING AND GRUBBING) WILL BE PERFORMED.

NOTE TO CONTRACTOR:

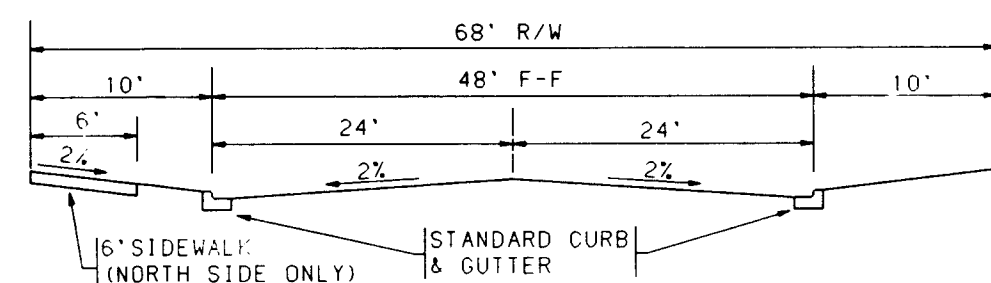
PAVING PLAN AND PROFILES - BUILD ONLY SHADED AREAS AS SHOWN AND NOTED.
UTILITY PLAN AND PROFILES - BUILD ALL INFRASTRUCTURE UNLESS NOTED OTHERWISE.



INTERNAL BALLOON FIELD ROADS



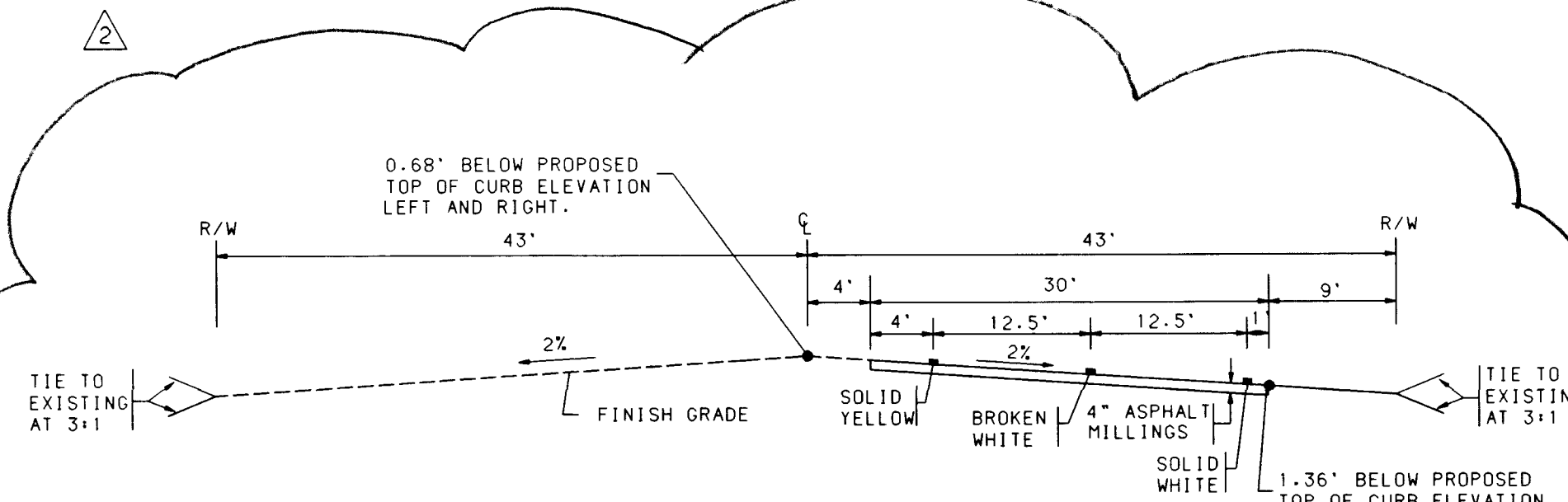
BALBOA AVE. & JEFFERSON ST. STREET SECTION
NO SCALE (COLLECTOR)



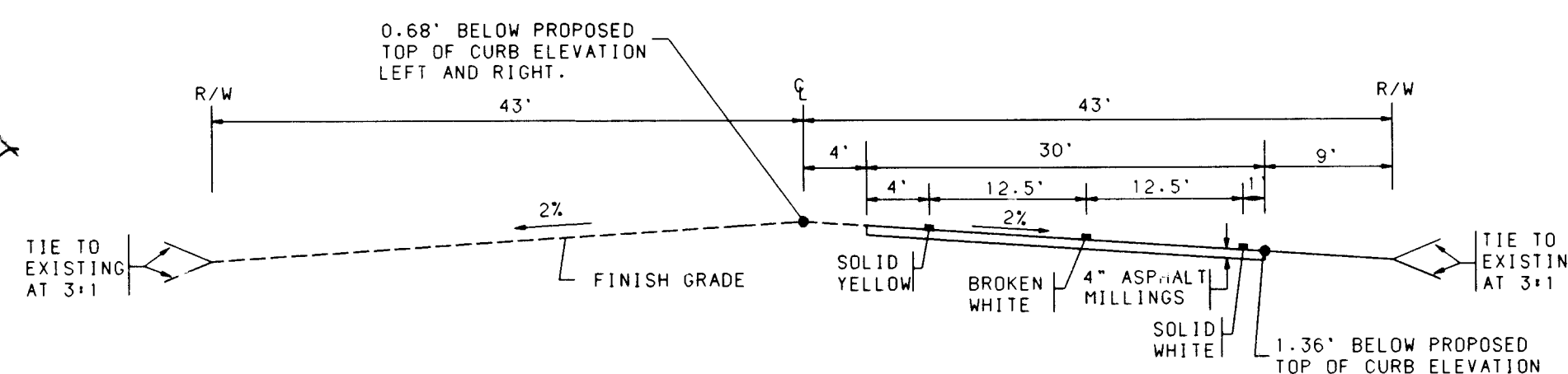
SAN DIEGO AVE. STREET SECTION
NO SCALE (COLLECTOR)

ULTIMATE SECTIONS

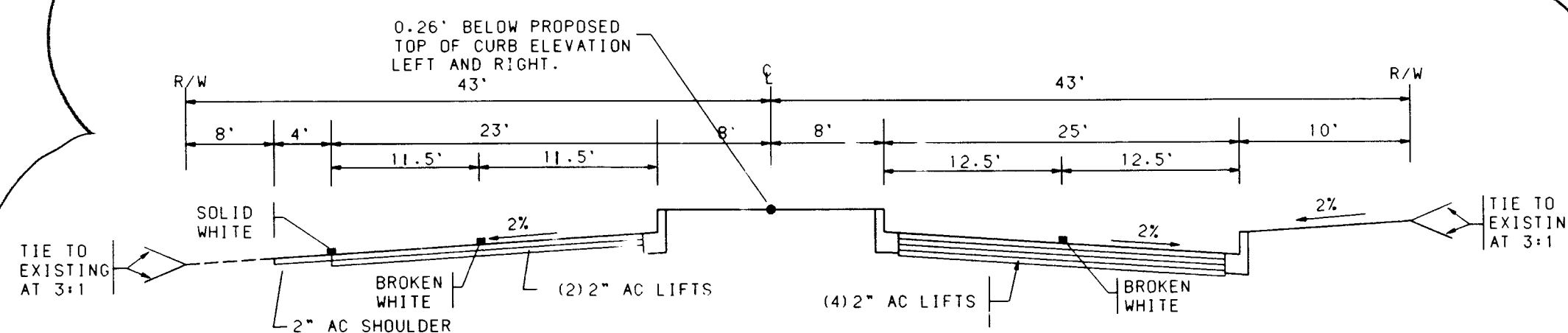
FOR INFORMATION ONLY



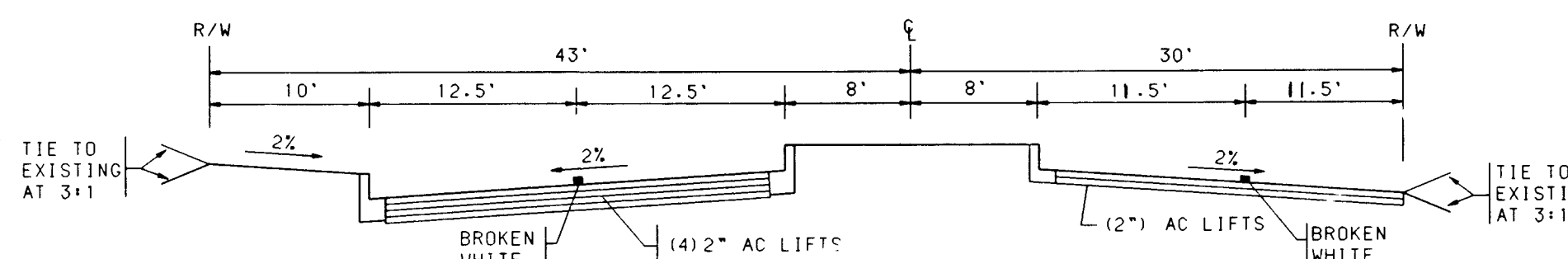
JEFFERSON ST.
NO SCALE



BALBOA AVE. (STA. 8+40.00 TO 15+42.79)
NO SCALE



BALBOA AVE. (STA. 15+42.79 TO 25+00.00)
NO SCALE



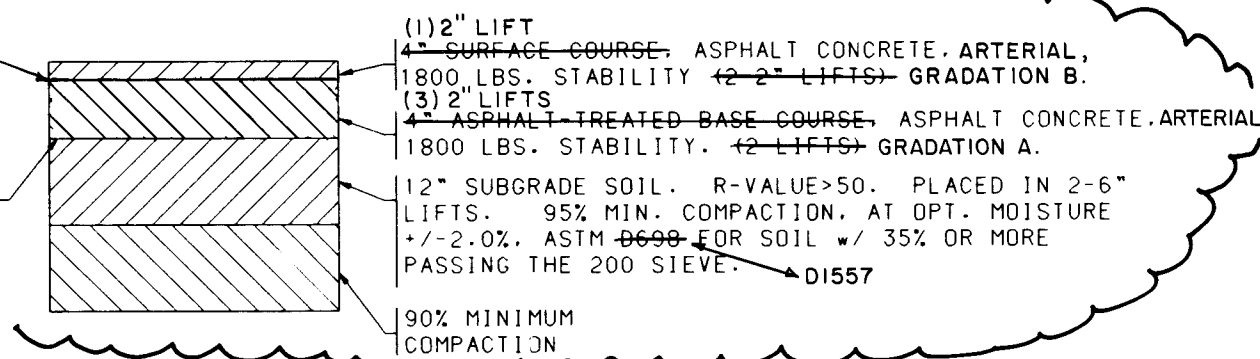
BALBOA AVE. (STA. 25+00.00 TO 48+18.22)
NO SCALE

ACCESS ROADS

NOTE: ALL STRIPINGS SHALL BE PAINTED AND 4" WIDE.

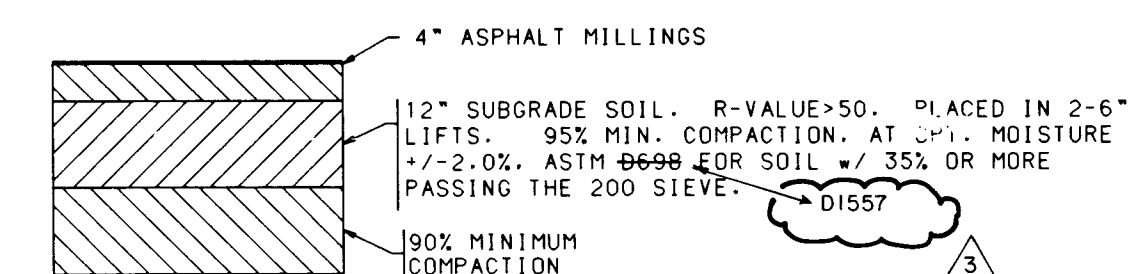
TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT LIFTS

FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

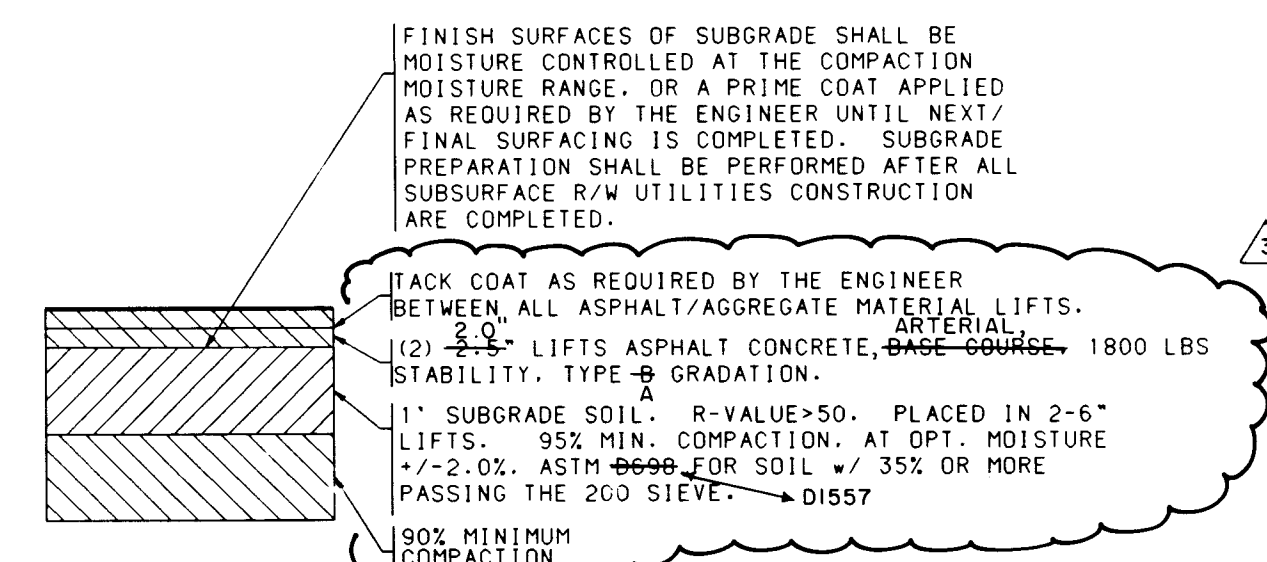


TYPICAL COLLECTOR PAVEMENT SECTION

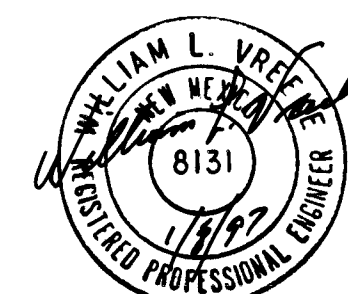
NOTE: THE DESIGN R-VALUE FOR THIS PROJECT IS 55. MATERIAL WITH AN R-VALUE LESS THAN 55 SHALL NOT BE PLACED IN OR BE ALLOWED TO REMAIN WITHIN THE TOP TWO FEET OF THE FINISHED SUBGRADE.



TYPICAL ACCESS ROAD ASPHALT MILLINGS PAVEMENT SECTION



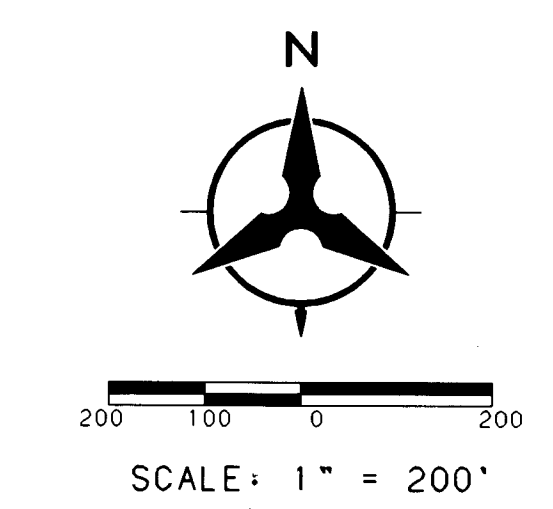
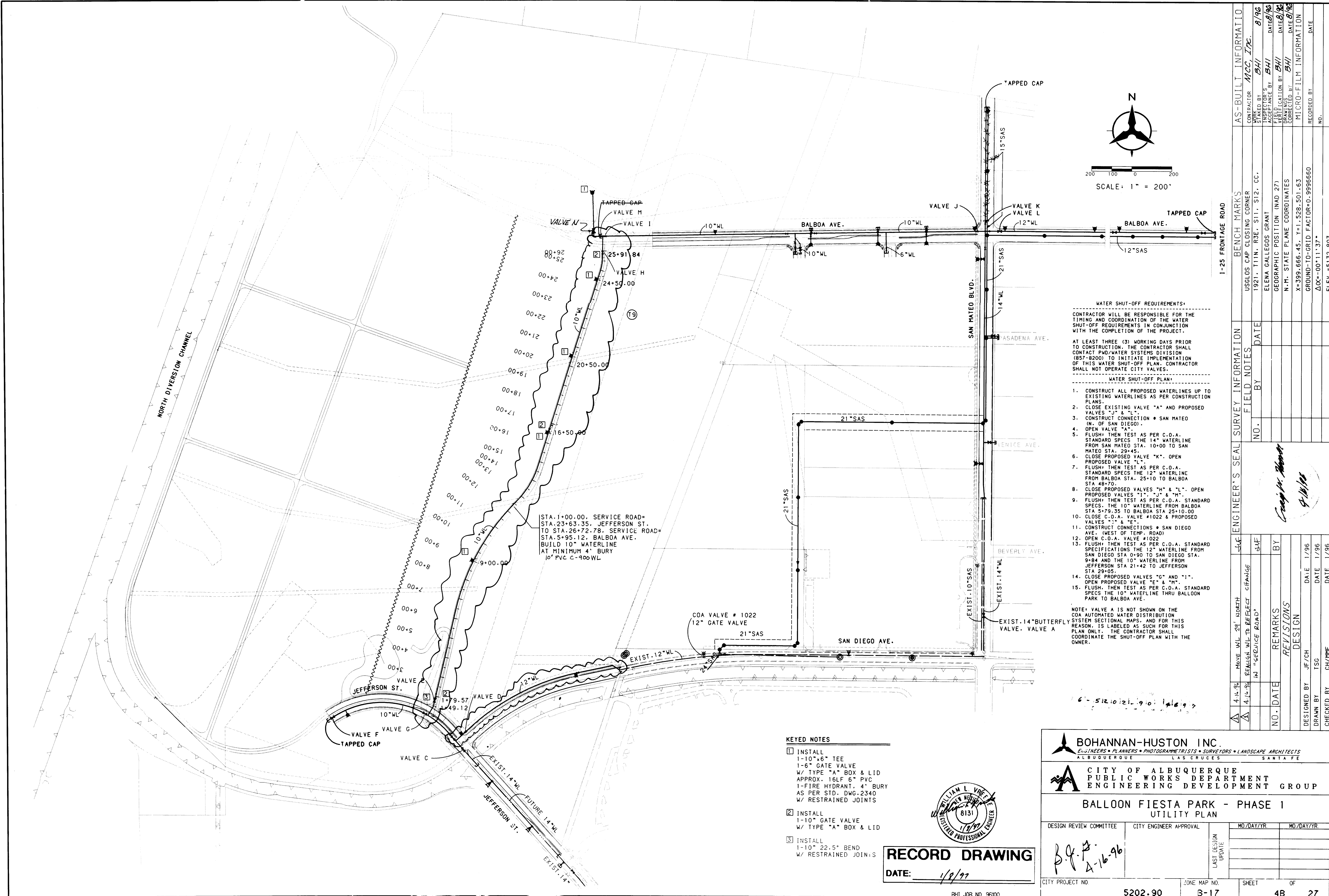
TYPICAL BASE COURSE ONLY PAVEMENT SECTION



RECORD DRAWING

DATE: 1/8/97

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEPARTMENT GROUP			
BALLOON FIESTA PARK - PHASE 1 GENERAL NOTES/TYPICAL SECTIONS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR
LAST DESIGN UPDATE			
CITY PROJECT	3202.90	SHEET	42 OF 21



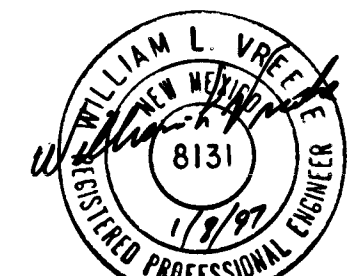
WATER SHUT-OFF REQUIREMENTS:
CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THE PROJECT.

WATER SHUT-OFF PLAN:
AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE CITY VALVES.

1. CONSTRUCT ALL PROPOSED WATERLINES UP TO EXISTING WATERLINES AS PER CONSTRUCTION PLANS.
2. CLOSE EXISTING VALVE "A" AND PROPOSED VALVES "J" & "L".
3. CONSTRUCT CONNECTION • SAN MATEO (N. OF SAN DIEGO).
4. OPEN VALVE "A".
5. FLUSH; THEN TEST AS PER C.O.A. STANDARD SPECS THE 14" WATERLINE FROM SAN MATEO STA. 10+00 TO SAN MATEO STA. 29+45.
6. CLOSE PROPOSED VALVE "K". OPEN PROPOSED VALVE "L".
7. FLUSH; THEN TEST AS PER C.O.A. STANDARD SPECS THE 12" WATERLINE FROM BALBOA STA. 25+10 TO BALBOA STA. 48+70.
8. CLOSE PROPOSED VALVES "H" & "L". OPEN PROPOSED VALVES "I", "J" & "M".
9. FLUSH; THEN TEST AS PER C.O.A. STANDARD SPECS THE 10" WATERLINE FROM BALBOA STA. 5+79.35 TO BALBOA STA. 25+10.00
10. CLOSE C.O.A. VALVE #1022 & PROPOSED VALVES "J" & "E".
11. CONSTRUCT CONNECTIONS • SAN DIEGO AVE. (WEST OF TEMP. ROAD)
12. OPEN C.O.A. VALVE #1022
13. FLUSH; THEN TEST AS PER C.O.A. STANDARD SPECIFICATIONS THE 12" WATERLINE FROM SAN DIEGO STA. 0+90 TO SAN DIEGO STA. 9+84 AND THE 10" WATERLINE FROM JEFFERSON STA. 21+42 TO JEFFERSON STA. 29+05.
14. CLOSE PROPOSED VALVES "G" AND "I". OPEN PROPOSED VALVE "E" & "M".
15. FLUSH; THEN TEST AS PER C.O.A. STANDARD SPECS THE 10" WATERLINE THRU BALLOON PARK TO BALBOA AVE.

NOTE: VALVE A IS NOT SHOWN ON THE COA AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, AND FOR THIS REASON, IS LABELED AS SUCH FOR THIS PLAN ONLY. THE CONTRACTOR SHALL COORDINATE THE SHUT-OFF PLAN WITH THE OWNER.

- KEYED NOTES**
- 1. INSTALL 1-10" 6" TEE 1-6" GATE VALVE W/ TYPE "A" BOX & LID APPROX. 16LF 6" PVC 1-FIRE HYDRANT. 4' BURY AS PER STD. DWG. 2340 W/ RESTRAINED JOINTS
 - 2. INSTALL 1-10" GATE VALVE W/ TYPE "A" BOX & LID
 - 3. INSTALL 1-10" 22.5" BEND W/ RESTRAINED JOINTS



RECORD DRAWING
DATE: 1/8/97

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR

LAST DESIGN UPDATE

CITY PROJECT NO. 5202.90

ZONE MAP NO. 3-17

SHEET 48 OF 27

STA. 15+42.79 BEGIN CONSTRUCTION OF ALL MEDIAN CURB & GUTTER AND STANDARD CURB & GUTTER ON RIGHT SIDE ONLY.

MEDIAN CURVE DATA					
NUMBER	PI STA.	DELTA	ANGENT	ARC	RADIUS
C1	13+92.56	16°15'37"	21.43'	42.57'	150.00'
C2	14+34.56	16°15'37"	21.43'	42.57'	150.00'
C3	17+87.83	16°15'37"	21.43'	42.57'	150.00'
C4	18+09.83	16°15'37"	21.43'	42.57'	150.00'
C5	18+24.85	16°15'37"	21.43'	42.57'	150.00'

MEDIAN CURVE DATA					
NUMBER	PI STA.	DELTA	ANGENT	ARC	RADIUS
C6	18+68.83	16°15'37"	21.43'	42.57'	150.00'
C7	21+94.83	16°15'37"	21.43'	42.57'	150.00'
C8	22+36.83	16°15'37"	21.43'	42.57'	150.00'
C9	21+96.30	16°15'37"	21.43'	42.57'	150.00'
C10	22+38.50	16°15'37"	21.43'	42.57'	150.00'

BUILD ROADWAY SECTION AT INTERSECTION WITH 4" X 8" X 2" LIFTS (SHADED & CROSS HATCHED AREAS)

END PAVEMENT AT CURB RETURNS BUILD CUTOFF WALL 62" X 8" X 2" PER STD. DWG. 2415

STA. 8+40.00 TO STA. 15+42.79 BUILD A 30" WIDE 4" THICK ASPHALT MILLINGS ROAD (SHADED AREA) SEE TYPICAL SECTION SHEET 4R FOR MORE INFORMATION

WHERE MEDIAN IS 4' WIDE, BUILD 4" PORTLAND CEMENT PATTERNED CONCRETE SIDEWALK AS PER STD. DWG. 2408 (TYP)

STA. 16+66.81, 33" LT. FUTURE SINGLE GRATE TYPE "A" INLET AS PER STD. DWG. 2201 TC 14.25, GRATE 13.42 INV. 02.06

WHERE MEDIAN IS 4' WIDE, BUILD 4" PORTLAND CEMENT PATTERNED CONCRETE SIDEWALK AS PER STD. DWG. 2408 (TYP)

STA. 15+42.79 TO 24+50 BUILD 23" WIDE PARTIAL PAVEMENT SECTION W/ 2-2" AC LIFTS. (SHADED AREA NORTH SIDE ONLY) SEE TYPICAL SECTION SHEET 4R FOR MORE INFORMATION

WHERE MEDIAN IS 4' WIDE, BUILD 4" PORTLAND CEMENT PATTERNED CONCRETE SIDEWALK AS PER STD. DWG. 2408 (TYP)

KEYED GENERAL NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEEL CHAIR RAMP AS PER ADA STANDARDS
- BUILD STD. CURB & GUTTER (TC) AS PER STD. DWG. 2415
- BUILD MEDIAN CURB & GUTTER (TMC) AS PER STD. DWG. 2415
- FUTURE 6' SIDEWALK
- BUILD SMOOTH TRANSITION FROM TOP OF SURFACE COURSE TO TOP OF BASE COURSE
- TRANSITION FROM STD. CURB TO MEDIAN CURB THROUGH CURB RETURN

TC	FL
1	10.08/9.41
2	10.77/10.10
3	10.82/10.80

TC	FL
1	13.28/13.26
2	13.94/13.27
3	13.94/13.27

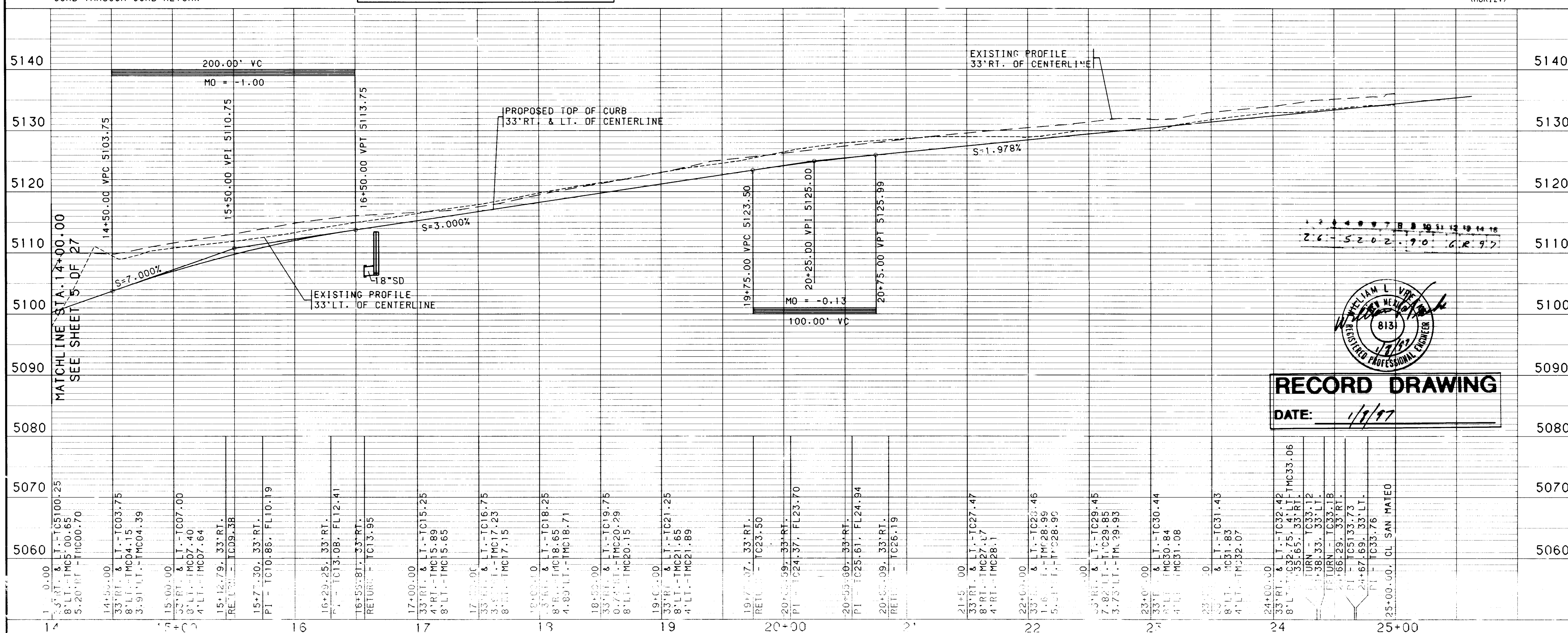
STA. 15+42.79 TO STA. 24+50.00 BUILD FULL PAVEMENT SECTION W/ 4-2" AC LIFTS. (SHADED & CROSS HATCHED AREA) (SOUTH SIDE ONLY) SEE TYPICAL SECTION SHEET 4R FOR MORE INFORMATION.

TC	FL
1	24.02/23.35
2	24.53/23.86
3	24.40/24.38

TC	FL
1	25.90/25.88
2	26.43/25.76
3	26.31/25.64

EARTHWORK QUANTITY CALCULATED FROM STA. 8+25.00 TO 17+00.00. STREET GRADING QUANTITY CALCULATED FROM STA. 17+00.00 TO 48+18.22

BALBOA AVE.



USERNAME: CDP1C96100A22440-PNPJBALBOA2-PNP-GRP

NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SANCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR: MCC, Inc.
INSPECTED BY: BHI
FIELD LOCATION BY: BHI
CORRECTED BY: BHI
MICRO-FILM INFORMATION: DATE: 8/96

ENGINEER'S SEAL

DESIGNED BY: JF/CH
DRAWN BY: TSG
CHECKED BY: CH/ME
DATE: 1/96
DATE: 1/96
DATE: 1/96

REVISIONS

NO.	DATE	REMARKS
1	1/96	NEW SHT. REFLECTS SHT. 6, REFLECTS NEW ENTRANCES TO BALBOA AVE. AND BAL LANE.

NUMBER	STATION	OFFSET	DESC	TC
1	15+42.79	4.00' LT	POT 5110.02	
2	15+42.79	8.00' LT	POT 5109.78	
3	DELETED			
4	15+55.13	4.00' LT	PC 5110.64	
5	15+55.13	8.00' LT	PT 5110.40	
6	16+46.40	4.00' RT	PT 5114.28	
7	17+44.40	4.00' RT	PC 5117.28	
8	17+88.40	2.00' LT	PRC 5118.42	
9	18+30.40	8.00' LT	PT 5119.56	
10	19+87.42	8.00' LT	PC 5124.27	
11	19+87.42	4.00' LT	PT 5124.51	
12	18+87.42	4.00' LT	PC 5121.49	
13	18+45.42	2.00' RT	PRC 5120.13	
14	18+03.42	8.00' RT	PT 5118.75	
15	16+46.40	8.00' RT	PC 5114.04	
16	20+73.42	4.00' RT	PC 5126.60	
17	21+73.42	4.00' RT	PC 5128.58	
18	22+15.42	8.00' LT	PRC 5129.29	
19	22+57.42	6.00' LT	PT 5130.00	
20	24+49.07	8.00' LT	PC 5133.74	
21	24+49.07	4.00' LT	PT 5134.03	
22	22+59.07	4.00' LT	PC 5130.27	
23	22+17.07	2.00' RT	PRC 5129.32	
24	21+75.07	8.00' RT	PT 5128.37	
25	20+73.42	8.00' RT	PC 5126.36	
26	15+42.79	33.00' RT	RET 5109.38	
27	5+75.30	33.00' RT	PI 5110.86	
28	15+72.78	63.51' RT	RET 5112.00	
29	16+26.91	60.46' RT	RET 5113.75	
30	16+29.25	33.00' RT	PI 5113.08	
31	16+56.81	33.00' RT	RET 5113.95	
32	19+75.07	33.00' RT	RET 5123.50	
33	20+05.59	33.00' RT	PI 5124.37	
34	20+05.07	63.51' RT	RET 5125.40	
35	20+55.09	62.49' RT	RET 5126.50	
36	20+55.60	33.00' RT	PI 5126.61	
37	20+85.09	33.00' RT	RET 5126.19	
38	24+35.65	33.00' RT	RET 5133.12	
39	24+66.29	33.00' RT	PI 5133.73	
40	24+65.64	63.64' RT	RET 5134.12	
41	24+38.32	33.00' LT	RET 5133.18	
42	24+67.69	33.00' LT	PI 5133.76	
43	24+68.32	62.36' LT	RET 5133.58	
44	24+90.65	63.42' RT	POT 5134.51	
45	24+90.92	50.91' RT	PC 5134.35	
46	24+94.91	51.00' RT	PT 5134.43	
47	24+94.65	63.38' RT	POT 5134.59	

BOHANNAN-HUSTON INC.

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1

PAVING PLAN & PROFILE
BALBOA AVE. (STA. 14+00.00 TO STA. 24+66.29)

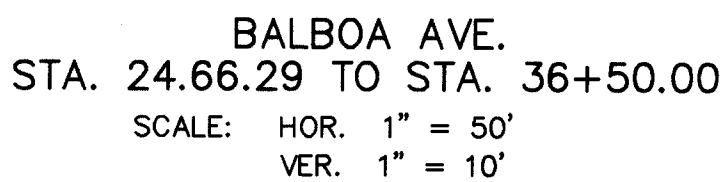
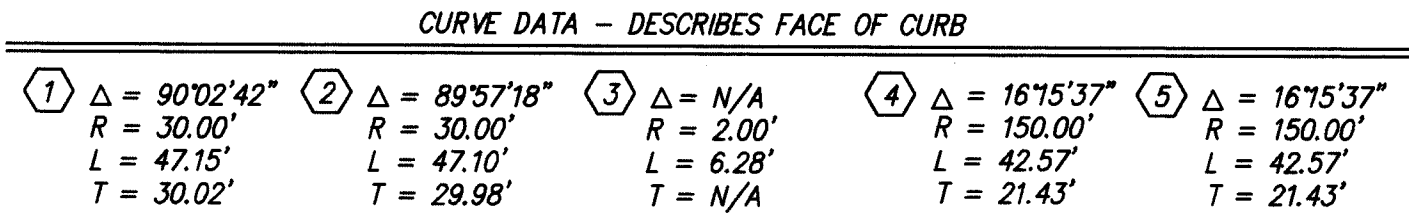
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR

LAST DESIGN UPDATE	CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
	5002.90	3-17	6R	27

BHI JOB NO. 96100A22440

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DATE: JANUARY, 1996

SCANNED BY
BY LASON



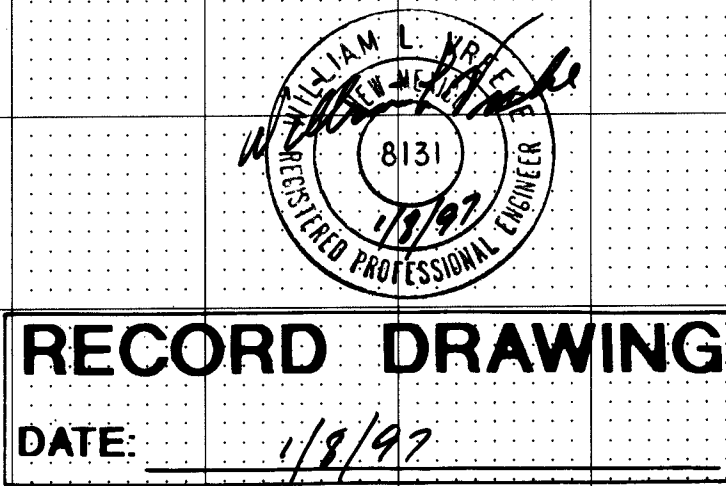
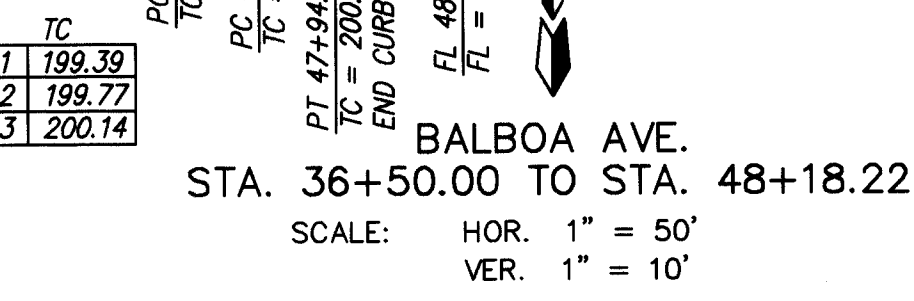
1. ALL STATIONING IS CENTERLINE STATIONING.

[illegible]

WILLIAM L. VOSS
STATE OF WISCONSIN
No. 8131
1/1/97
REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE				
PUBLIC WORKS DEPARTMENT				
ENGINEERING DEVELOPMENT GROUP				
TITLE: BALLOON FIESTA PARK – PHASE I PAVING IMPROVEMENTS BALBOA AVENUE				
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO. 5202.90		ZONE MAP NO. B18	SHEET 7R 27 OF	

SCANNED BY
BY LASON



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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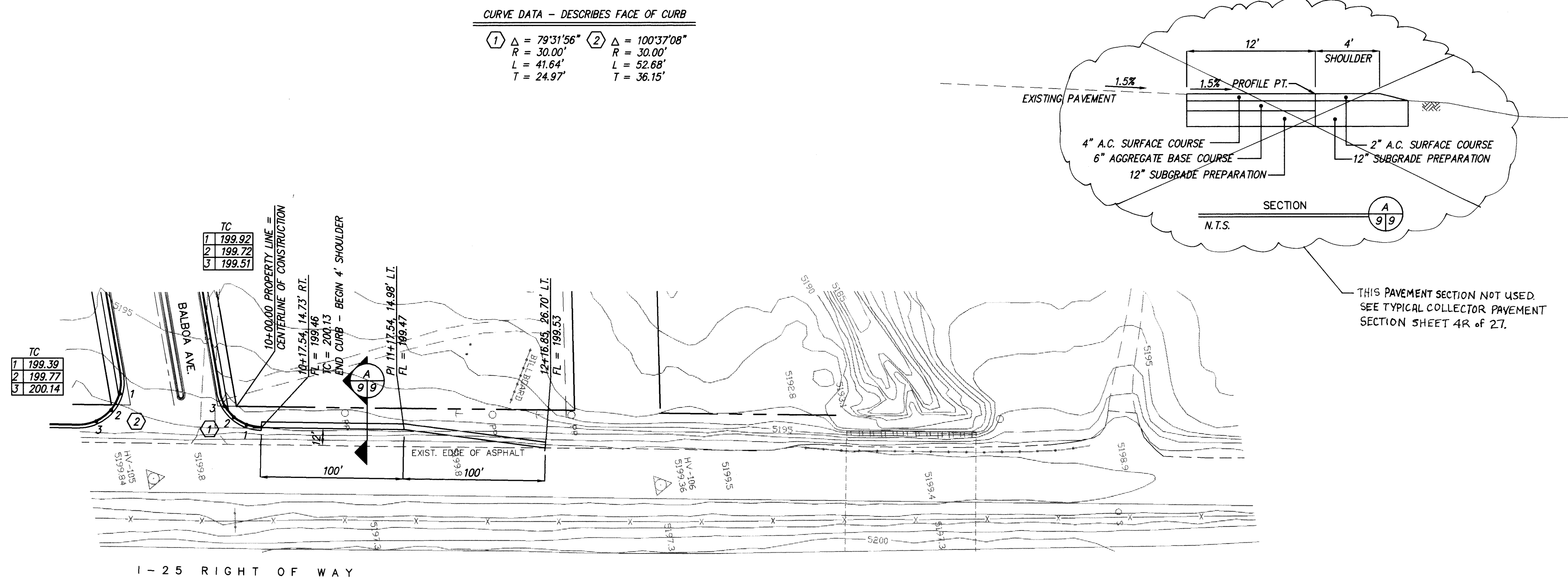
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE:	BALLOON FIESTA PARK – PHASE I PAVING IMPROVEMENTS BALBOA AVENUE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

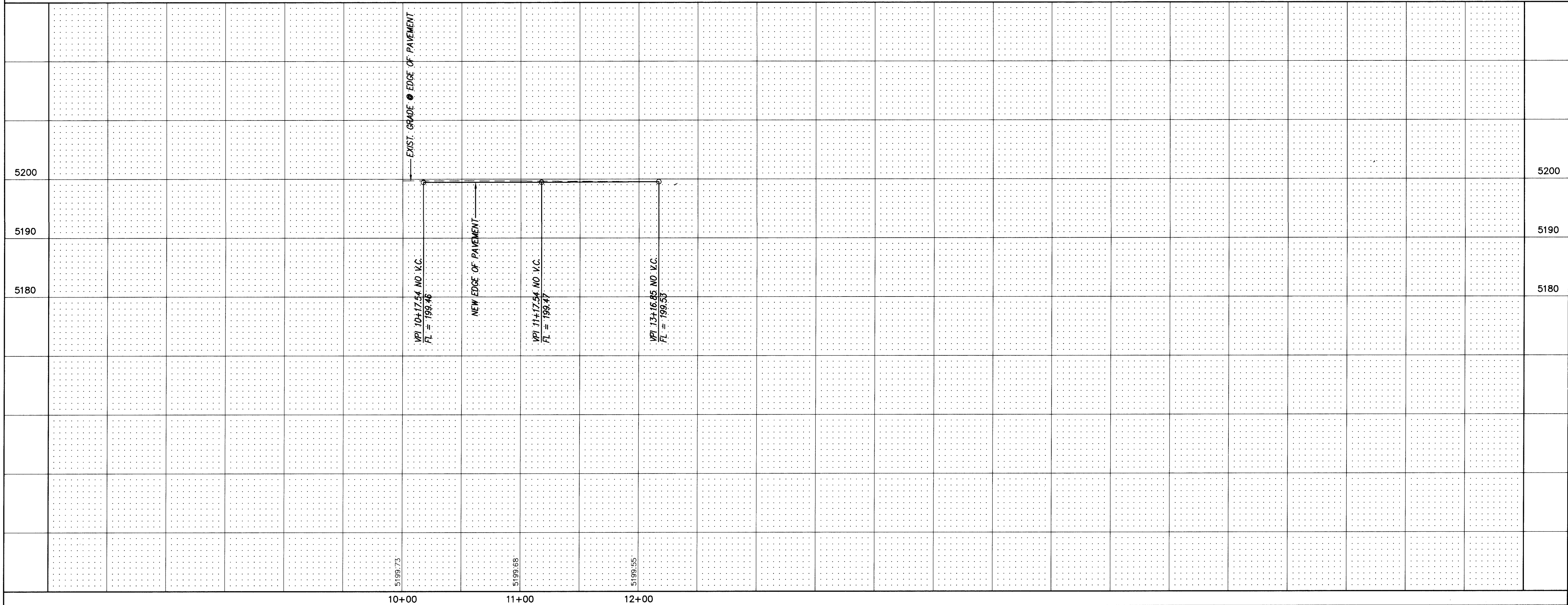
CITY PROJECT NO. 5202.90	ZONE MAP NO. B18	SHEET OF 8R 27
-----------------------------	---------------------	-------------------

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES		STANDARD MNSHC BRASS TABLET, STAMPED 7-25-10, 1969*, IN TOP OF CONCRETE POST 0.2 FT. ABOVE GROUND. LOCATED AT THE N.E. CORNER OF THE U.S. INTERSTATE HIGHWAY 1-25 SOUTH BOUND BRIDGE CROSSING STATE RD. 422 (ROY AVE. - TRAMWAY RD.)	CONTRACTOR	WORK DATED BY SURVEYOR'S ACCEPTANCE BY	DATE
	BY	DATE				
				MCCL. INC.	BH/	8/98
					BH/	8/98
					BH/	8/98
					BH/	8/98
					MCCL-FILM INFORMATION	
					RECORDED BY	DATE
					NO.	

[illegible]



I-25 RIGHT OF WAY-DECELERATION LANE
STA. 10+00.00 TO STA. 12+16.85
SCALE: HOR. 1" = 50'
VER. 1" = 10'



NOTES

- ALL STATIONING IS CENTERLINE STATIONING.
- ALL STANDARD CURB & GUTTER IS 8".

2 6 - 5 2 0 2 - 9 0 9 2 9 2



RECORD DRAWING
DATE: 1/2/97

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: BALLOON FIESTA PARK - PHASE I PAVING IMPROVEMENTS I-25 RIGHT OF WAY - DECELERATION LANE	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
	MO./DAY/YR.
	MO./DAY/YR.
	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5202.90	B18	9R	27

PLANNED BY
BY LASON

MCTIP\BALB-3

AS BUILT INFORMATION

CONTRACTOR	MCC, Inc.
WORK STARTED BY	BHI
INSPECTOR'S FIELD VERIFICATION	BHI
DATE	8/96
FIELD CORRECTION BY	BHI
DATE	8/96
FIELD CORRECTION BY	BHI
DATE	8/96
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

BENCH MARKS

STANDARD MUSIC BRASS TABLE, STAMPED 7-25-10, 1989, IN TOP OF CONCRETE POST 0.2 FT. ABOVE GROUND. LOCATED AT THE N.E. CORNER OF THE U.S. INTERSTATE HIGHWAY I-25 SOUTH BOUND BRIDGE CROSSING STATE RD. 422 (ROY AVE.- TRAMWAY RD.) X = 402463.48 Y = 1529732.90 Z = 5203.083
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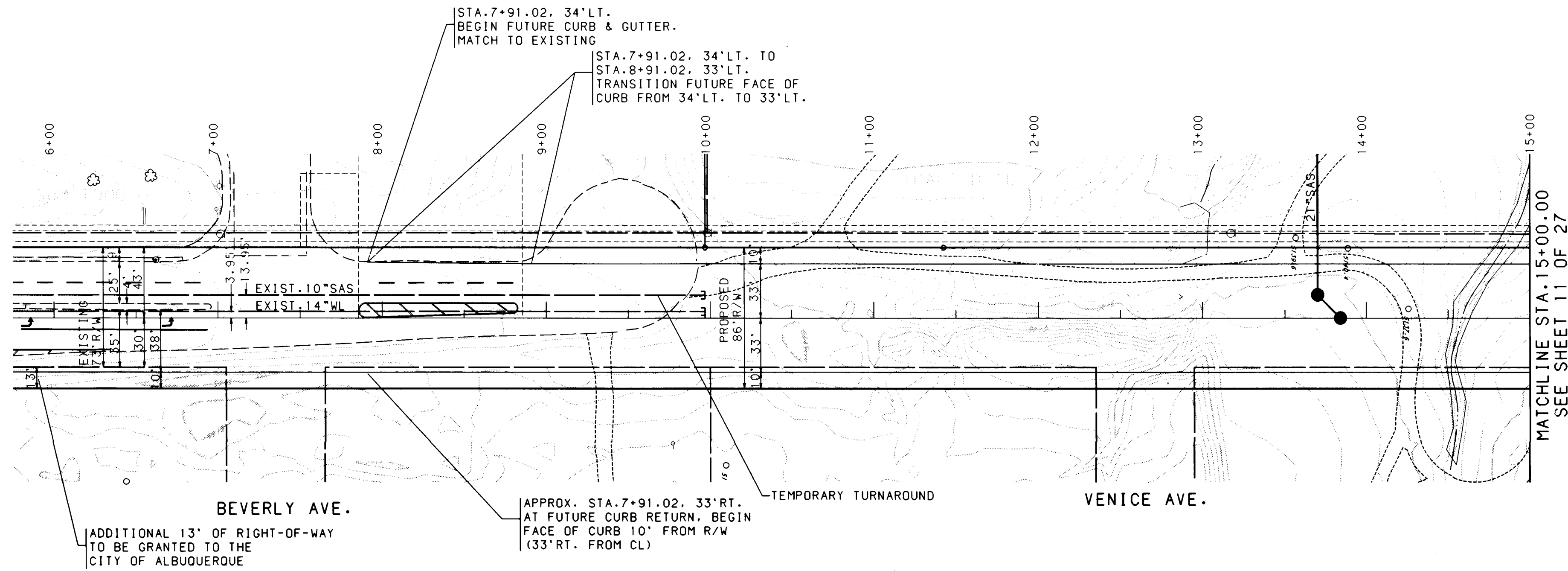
SURVEY INFORMATION

FIELD NOTES	DATE
BY	
NO.	

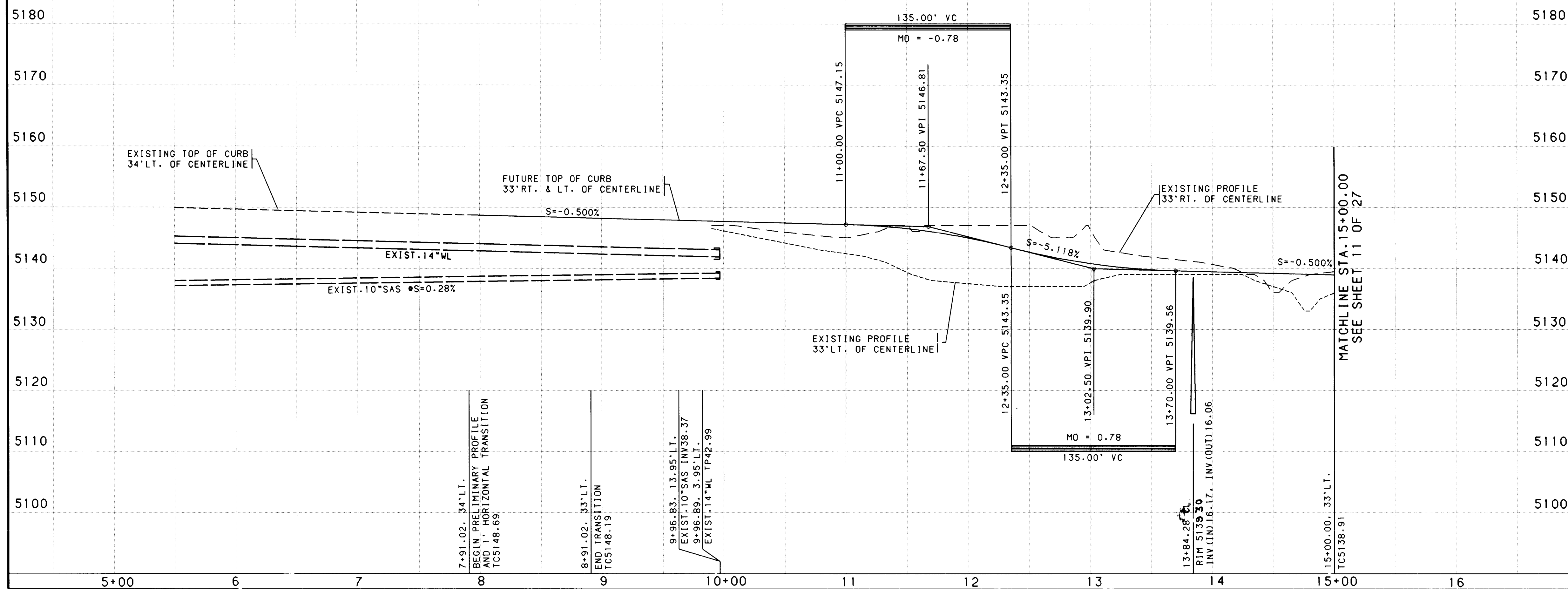
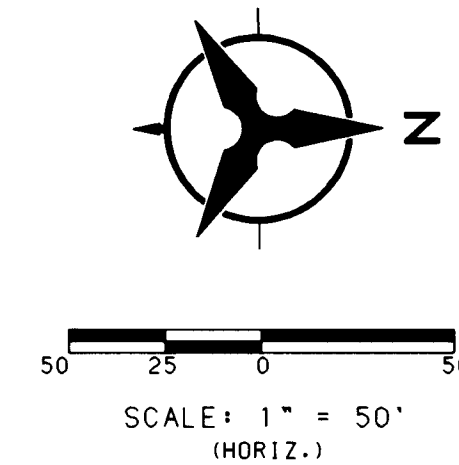
ENGINEER'S SEAL

26-5202-909292

REVISION NO. 2	M.C.	BY
NO. DATE	REMARKS	
DESIGNED BY	DATE	
DRAWN BY	DATE	
CHECKED BY	DATE	



THIS SHEET FOR INFORMATION ONLY
SAN MATEO BLVD.



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

USERNAME: CDP\10022440.PNP\SANMATEO1-PNP.GRF

BHI JOB NO. 9610012440

SCANNED BY
BY LASON

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	USCLOS CAP CLOSING CORNER	CONTRACTOR	NO.	DATE	
			1921. T1IN. R3E. S11. S12. CC.	MCC, Inc.			
			ELENA CALLEGOS GRANT	BY BHI		8/98	
			GEOGRAPHIC POSITION (NAD 27)	ACCEPTANCE BY BHI		DATE 8/98	
			N.M. STATE PLANE COORDINATES	FIELD LOCATION BY BHI		DATE 8/98	
			X=399,666.45, Y=1,528,501.63	VERIFICATION BY BHI		DATE 8/98	
			GROUND-TO-GRID FACTOR=0.9996660	CORRECTED BY			
			ΔX=-00'11"37"	MICRO-FILM INFORMATION			
			ELEV.=5132.803	RECORDED BY			
				NO.			

NO.	DATE	REMARKS	BY
		REVIEWS	
		DESIGN	

DESIGNED BY	DATE	CHECKED BY	DATE
JF/CH	1/96	CH	1/96
TSG	1/96		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5202.90	B-17	10	27

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

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
PRELIMINARY PLAN & PROFILE
SAN MATEO BLVD. (STA. 5+50.00 TO STA. 15+00.00)

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

B.G.A. 4-1-96

4-1-96

DATE: 1/9/97

RECORD DRAWING

DATE: 1/9/97

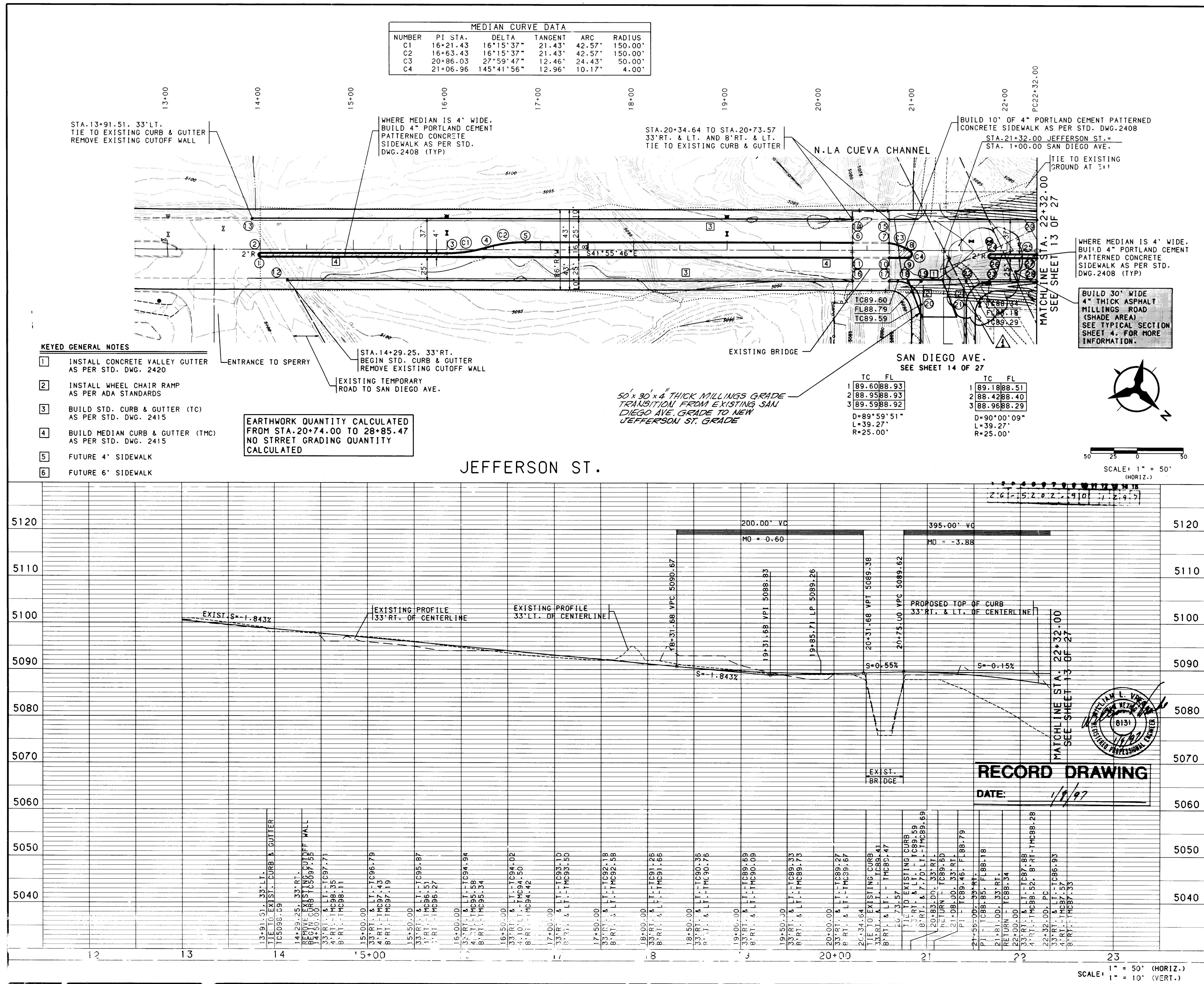
8131

WILLIAM L. VANCE
REGISTERED PROFESSIONAL ENGINEER
1/19/97

20-5202-90 1097

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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DATE: JANUARY, 1996



NOTES:
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION: CONTRACTOR MCC, Inc. WORKED BY BHI, DATE 8/96. ACCEPTED BY BHI, DATE 8/96. FIELD LOCATION BY BHI, DATE 8/96. DRAWINGS CORRECTED BY BHI, DATE 8/96. MICRO-FILM INFORMATION: RECORDED BY NO.

ENGINEER'S SEAL: JWF, DATE 1/9/97, BY JWF, DATE 1/9/97, CHECKED BY JWF, DATE 1/9/97.

BOHANNAN-HUSTON INC. ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE I PAVING PLAN & PROFILE JEFFERSON STREET (STA. 13+91.51 TO STA. 22+32.00)

DESIGN REVIEW COMMITTEE: CITY ENGINEER APPROVAL: NO. DATE REMARKS REVISIONS DATE 1/96 DATE 1/96 DATE 1/96

LAST DESIGN UPDATE: 1/9/97

CITY PROJECT NO. 5202.90 ZONE MAP NO. 3-17 SHEET 12 OF 27

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

DATE: 1/9/97

SCANNED BY LASON

CENTERLINE CURVE DATA					
NUMBER	P.I. STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+90.81	29°59'04"	288.56'	563.89'	1077.51'
C2	13+73.88	12°12'04"	320.64'	638.85'	3000.00'

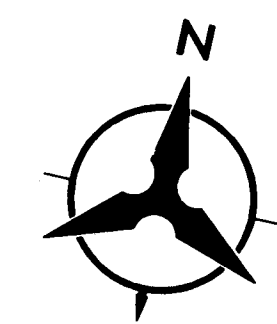
TC	FL
1	89.1888.51
2	88.4288.40
3	88.9688.29

D=90°00'09"
L=39.27'
R=25.00'

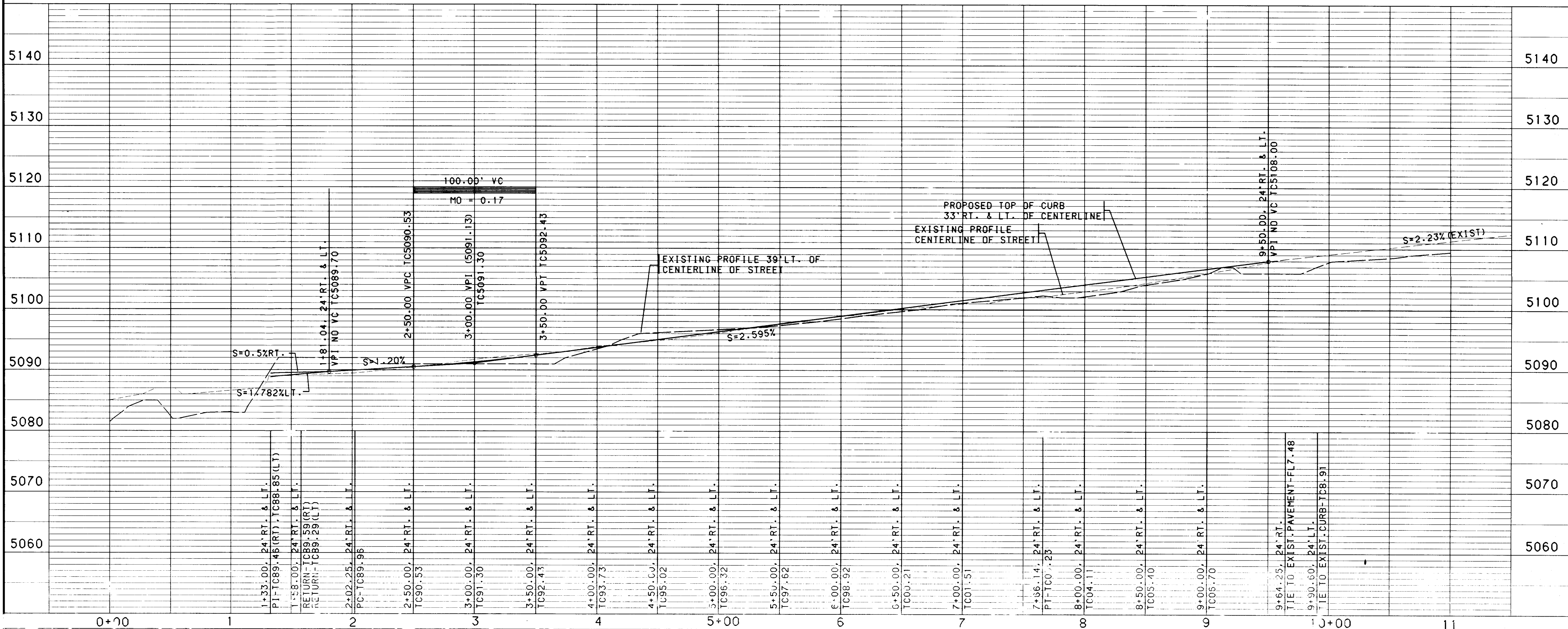
TC	FL
1	89.6088.93
2	88.9588.93
3	89.5988.92

D=89°59'51"
L=39.27'
R=25.00'

- KEYED GENERAL NOTES**
1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
 2. INSTALL WHEEL CHAIR RAMP AS PER ADA STANDARDS
 3. BUILD STD. CURB & GUTTER (TC) AS PER STD. DWG. 2415
 4. MEDIAN CURB & GUTTER (TMC) AS PER STD. DWG. 2415
 5. FUTURE 4' SIDEWALK
 6. BUILD 6' SIDEWALK



SCALE: 1" = 50'
(HORIZ.)



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
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 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAMCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



RECORD DRAWING
DATE: 1/9/97

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
PAVING PLAN & PROFILE
SAN DIEGO AVE. (STA. 1+00.00 TO STA. 9+90.60)

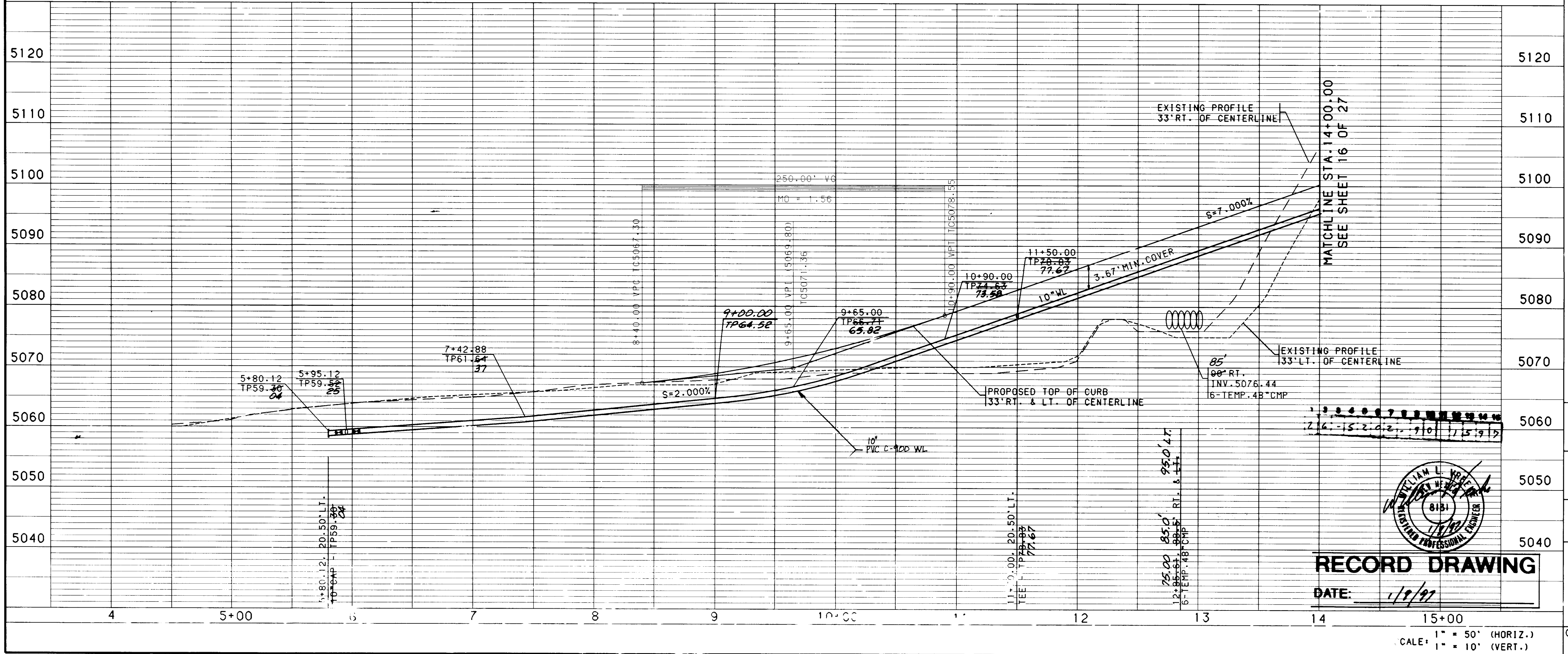
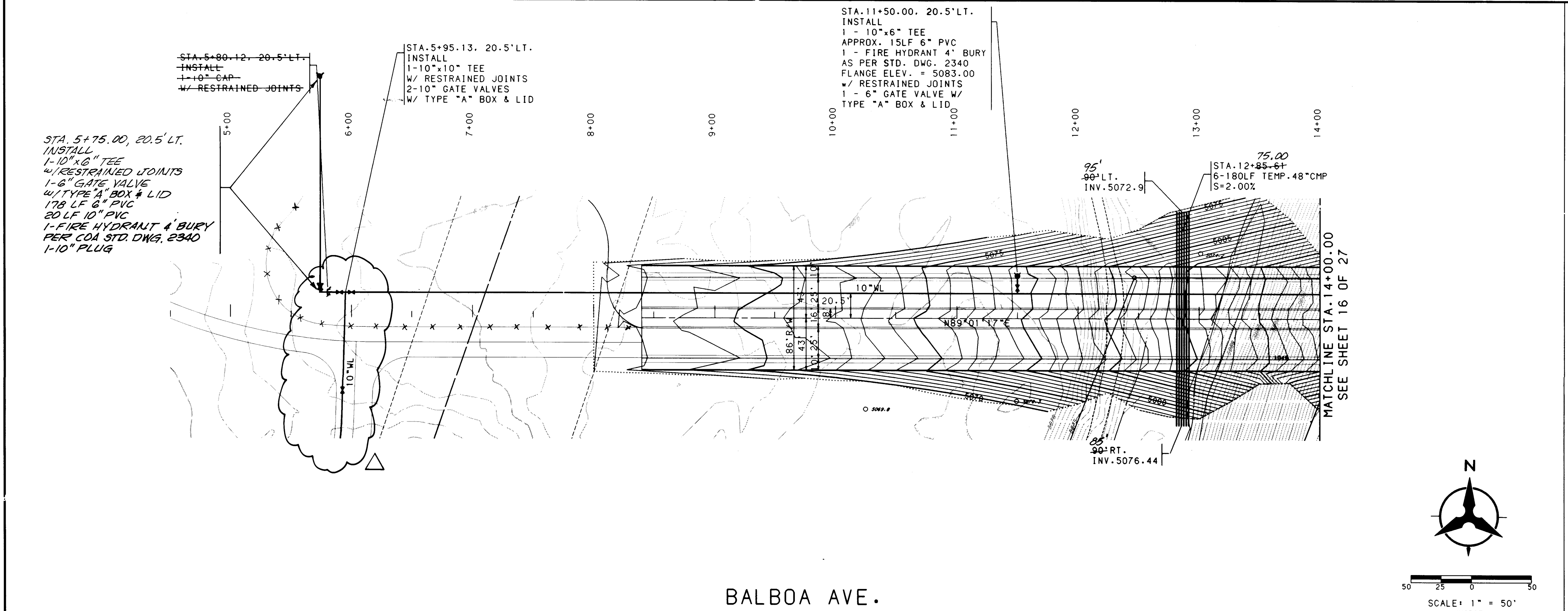
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
		LAST DESIGN UPDATE	

CITY PROJECT NO. 5202.30 SHEET 14 OF 27

ZONE MAP NO. 8-17

SCANNED BY LASON

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DATE: JANUARY, 1996



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADI SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED				
	6" PVC	8" PVC	10" PVC	12" PVC	14" DIP
1125' HBEND	2'	2'	3'	3'	2'
2250' HBEND	4'	5'	6'	6'	5'
45' HBEND	7'	10'	11'	13'	10'
90' HBEND	18'	23'	28'	33'	24'
GATE VALVE	55'	72'	86'	102'	---
BTFLY VALVE	---	---	---	---	57'
CAP	55'	72'	86'	102'	57'

RESTRAINED JOINT NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 15' FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 15' OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
BALBOA AVE. (STA. 8+40.00 TO STA. 14+00.00)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
<i>B.Y.A.</i> 4-196	<i>[Signature]</i>		

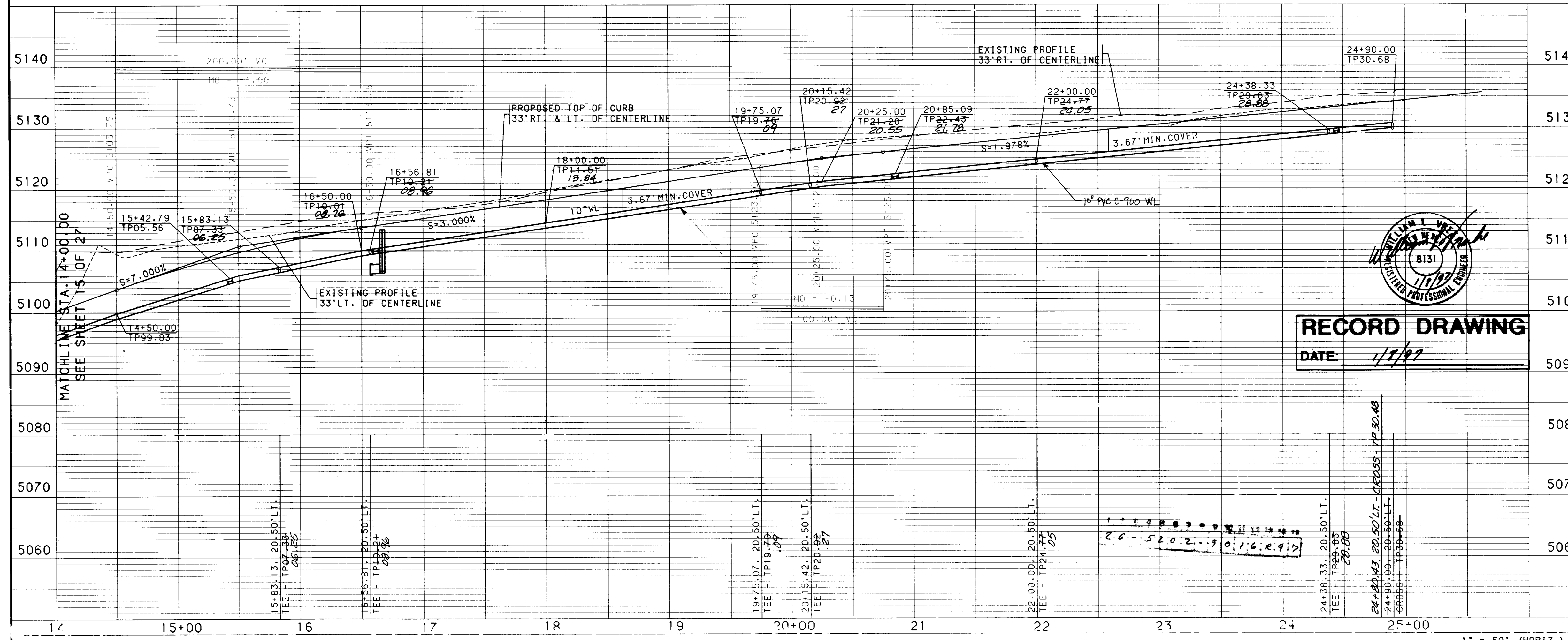
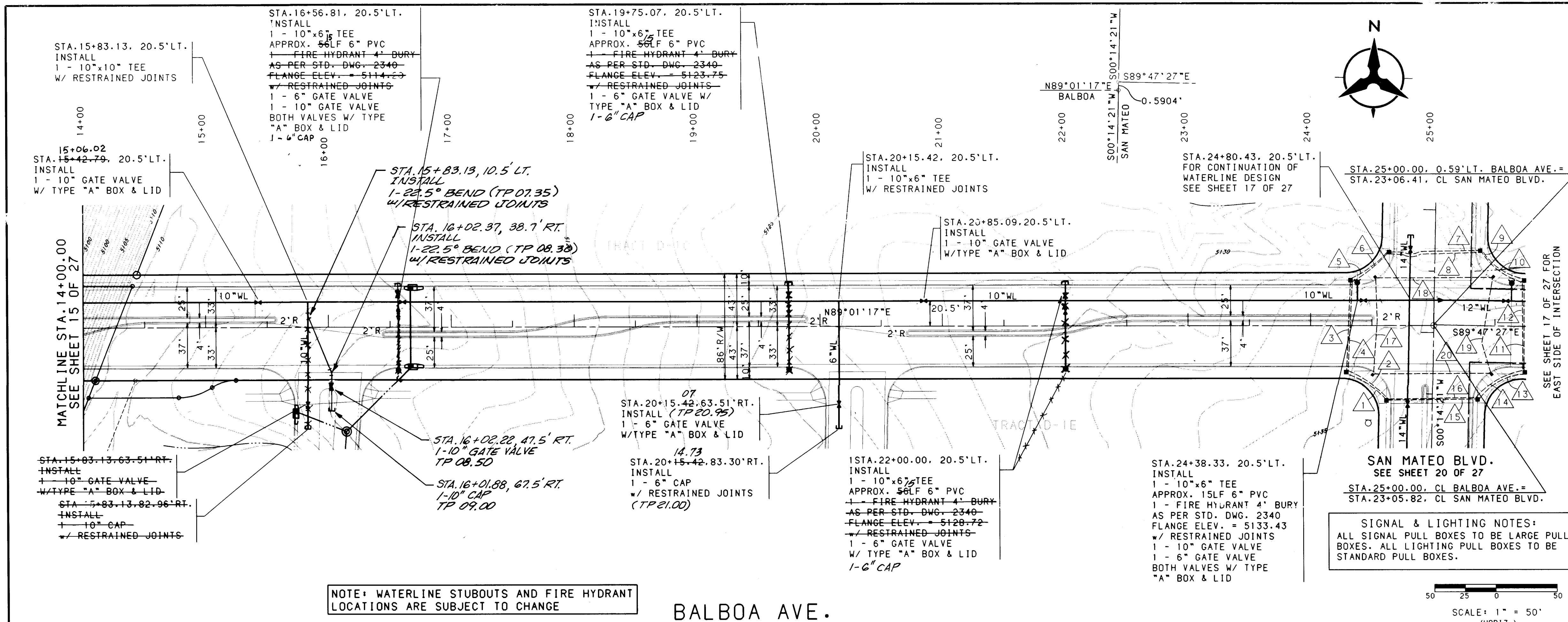
LAST DESIGN UPDATE

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5202.90	B-17	15	27

DATE: 1/9/97

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

DATE: JANUARY, 1996



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

NOTES

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- ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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- CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
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- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED				
	6" PVC	8" PVC	10" PVC	12" PVC	HDPE
1125' HBEND	2'	2'	3'	3'	2'
2250' HBEND	4'	5'	6'	6'	5'
45' HBEND	7'	10'	11'	13'	10'
90' HBEND	18'	23'	28'	33'	24'
GATE VALVE	55'	72'	86'	102'	---
BTRFLY VALVE	---	---	---	---	57'
CAP	55'	72'	86'	102'	57'

RESTRAINED JOINT NOTES:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 15' FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 15' OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

SIGNAL & LIGHTING CONDUITS

CONDUIT RUN	LENGTH	SIZE	TYPE
1	45'	2"	SIGNAL-REC
2	45'	2"	SIGNAL-REC
3	75'	2"	SIGNAL-REC
4	75'	2"	SIGNAL-REC
5	45'	2"	SIGNAL-REC
6	45'	2"	SIGNAL-REC
7	75'	2"	SIGNAL-REC
8	75'	2"	SIGNAL-REC
9	45'	2"	SIGNAL-REC
10	45'	2"	SIGNAL-REC
11	75'	2"	SIGNAL-REC
12	75'	2"	SIGNAL-REC
13	45'	2"	SIGNAL-REC
14	45'	2"	SIGNAL-REC
15	75'	2"	SIGNAL-REC
16	75'	2"	SIGNAL-REC
17	85'	2"	LIGHTING-REC
18	100'	2"	LIGHTING-REC
19	85'	2"	LIGHTING-REC
20	100'	2"	LIGHTING-REC

STUBOUTS FROM PULL BOXES (8'-5" X 2')

REVISIONS

NO.	DATE	REMARKS
1	5-1-96	NEW SRT - REPLACES SRT - 6" REFLECTS NEW ENTRANCES TO TRACT D-1E AND 4B LANS

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
BALBOA AVE. (STA. 14+00.00 TO STA. 25+00.00)

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

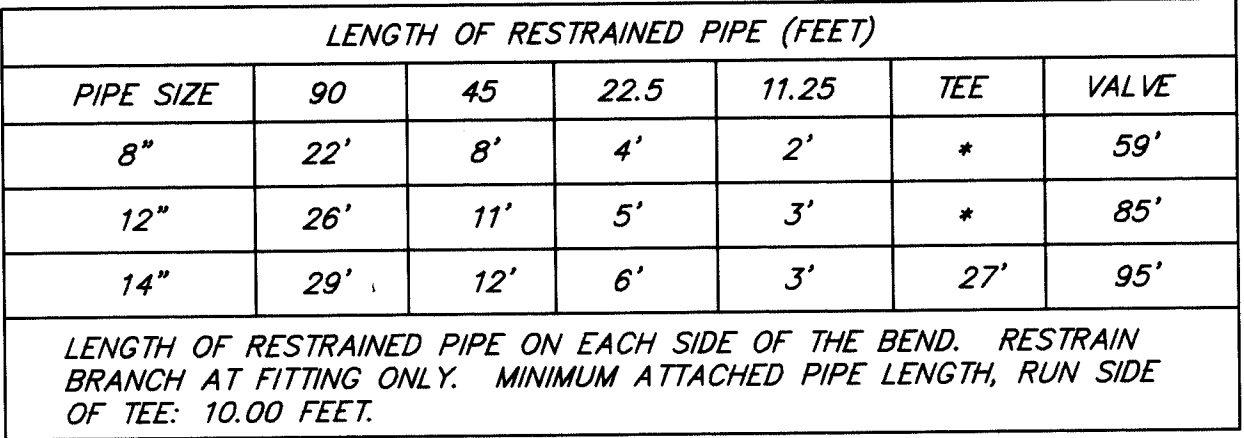
LAST DESIGN UPDATE

CITY PROJECT NO. 5202.90

ZONE MAP NO. 8-17

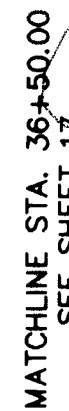
SHEET 16R OF 27

DATE: JANUARY, 1996

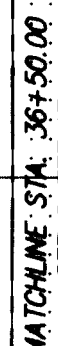


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: BALLOON FIESTA PARK - PHASE I UTILITY & STORM DRAIN IMPROVEMENTS BALBOA AVENUE			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.
			MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET OF	
5202.90	B18	17R 27	

[illegible]



1. ALL STATIONING IS CENTERLINE STATIONING.



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



dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

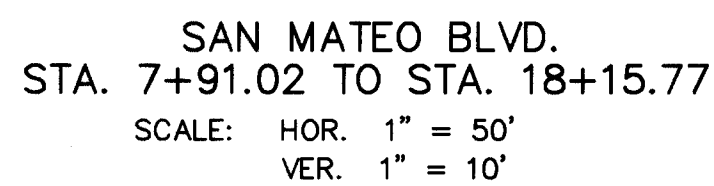
TITLE: BALLOON FIESTA PARK – PHASE I
UTILITY IMPROVEMENTS
BALBOA AVENUE CONTINUATION

CITY ENGINEER APPROVAL

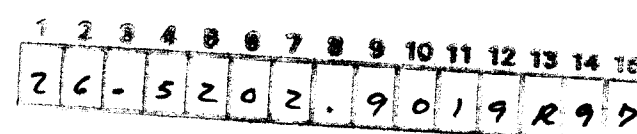
4-1-96

SCANNED BY
BY LASON

Δ	5/13/96	SHORTENED SAS & WL FOOTAGES	JMF
NO.	DATE	REMARKS	BY
REVISIONS			
DESIGNED BY		DMG	DATE 02/96
DRAWN BY		DBC/MCC	DATE 02/96
CHECKED BY		DMG	DATE 02/96



1. TO TIE TO EXISTING 14" W. VALVE AT SAN DIEGO AS SHOWN, WILL BE CLOSED.
2. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200 5 DAYS PRIOR TO NECESSARY SHUT-OFF.
3. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.



DATE: 1/8/97



dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: BALLOON FIESTA PARK – PHASE I
UTILITY IMPROVEMENTS
SAN MATEO BLVD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
-------------------------	------------------------

CITY PROJECT NO. 5202.90

ZONE MAP NO.
B18

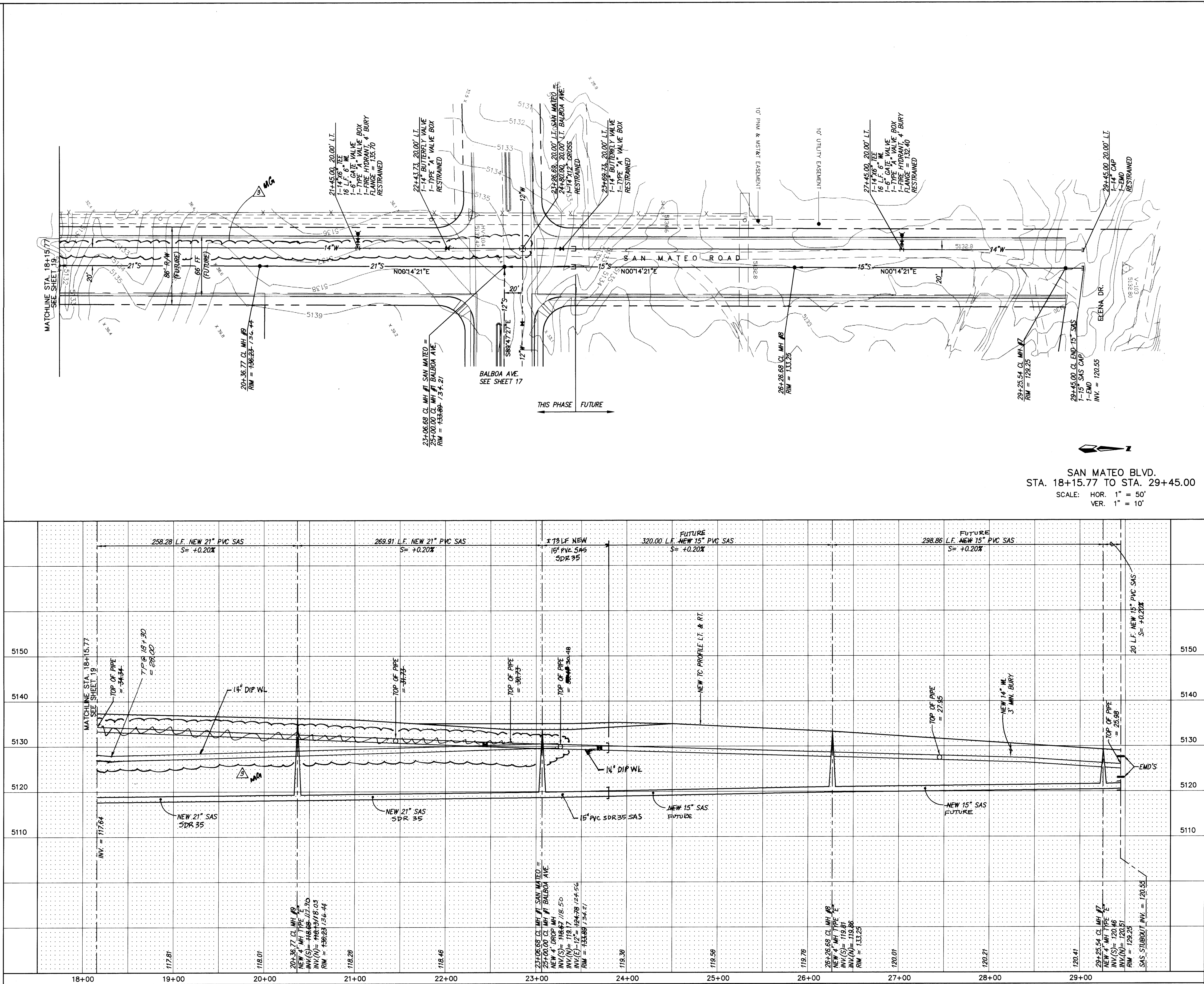
	SHEET	OF
	19R	27

[illegible]

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION		
NO.	BY	DATE	STANDARD	CONTRACTOR	WORK	DATE	
			1-25-10, 1969*, IN TOP OF CONCRETE POST 0.2 FT. ABOVE GROUND. LOCATED AT THE N.E. CORNER OF THE U.S. INTERSTATE HIGHWAY I-25 SOUTH BOUND BRIDGE CROSSING STATE RD. 422 (ROY AVE. - TRAMWAY RD.)	<i>NMC, Inc.</i>	STARTED BY FIELD DRAWINGS CORRECTED BY	<i>8/8/69</i> <i>8/8/69</i> <i>8/8/69</i> <i>8/8/69</i>	
			X = 402463.48				
			Y = 1529732.90				
			Z = 5203.883				
					RECORDED BY	DATE	
					NO.		

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

AS BUILT INFORMATION

CONTRACTOR MCC, INC.

WORK STARTED BY B411 DATE 8/96

INSPECTOR'S FIELD CHECK BY B411 DATE 8/96

VERIFICATION BY B411 DATE 8/96

CORRECTION BY B411 DATE 8/96

MICRO-FILM INFORMATION

RECORDED BY NO.

DATE

SURVEY INFORMATION

FIELD NOTES

NO.

BY

DATE

ENGINEER'S SEAL

RECORD DRAWING

DATE: 1/2/97

dmg

D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: BALLOON FIESTA PARK - PHASE I
UTILITY IMPROVEMENTS
SAN MATEO BLVD.

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR. NO./DAY/YR.

CITY PROJECT NO. 5202.90

ZONE MAP NO. B18

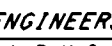
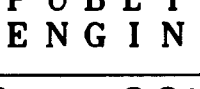
SHEET 20R OF 27

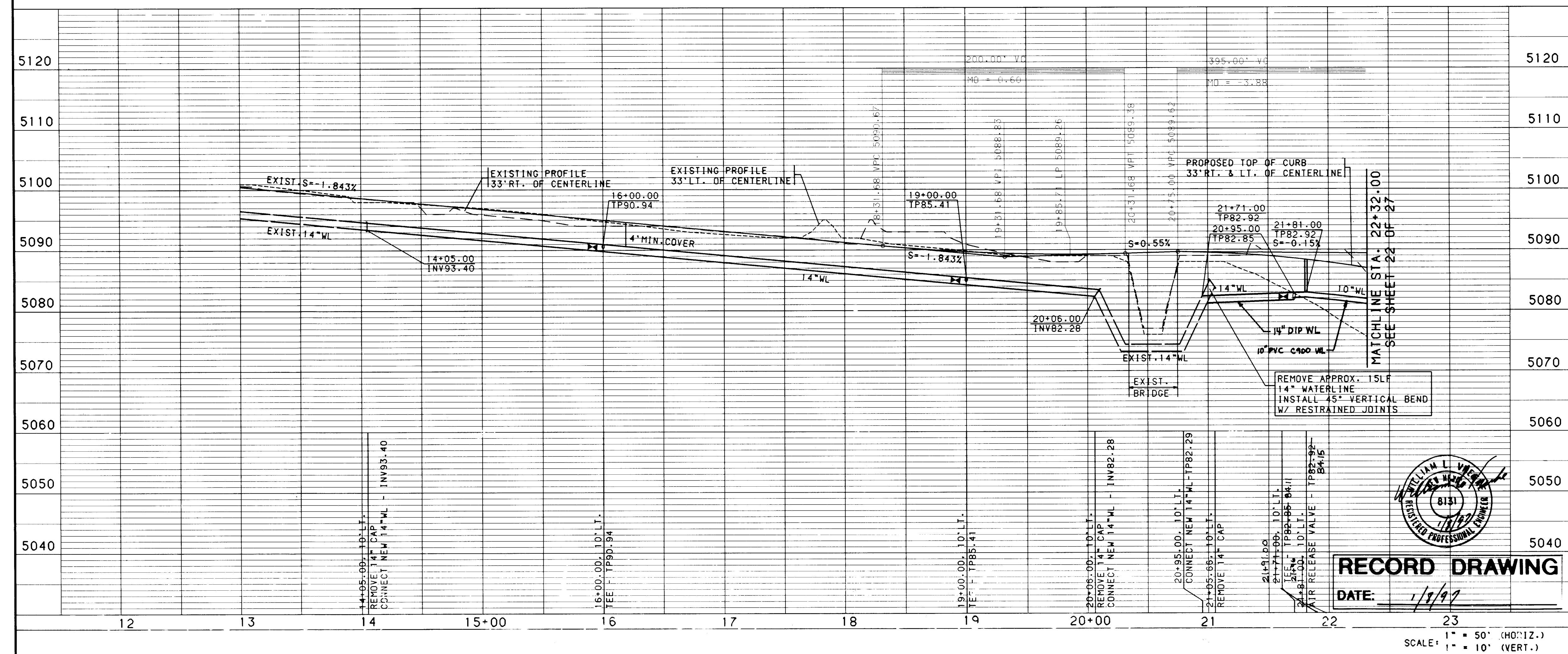


MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED					
	6" PVC	8" PVC	10" PVC	12" PVC	14" DIP	
H-BEND	2'	2'	3'	3'	2'	
H-BEND	4'	5'	6'	6'	5'	
BEND	7'	10'	11'	13'	10'	
BEND	18'	23'	28'	33'	24'	
VALVE	55'	72'	86'	102'	---	
Y VALVE	---	---	---	---	57'	
	55'	72'	86'	102'	57'	
BEND	18'	23'	28'	33'	24'	

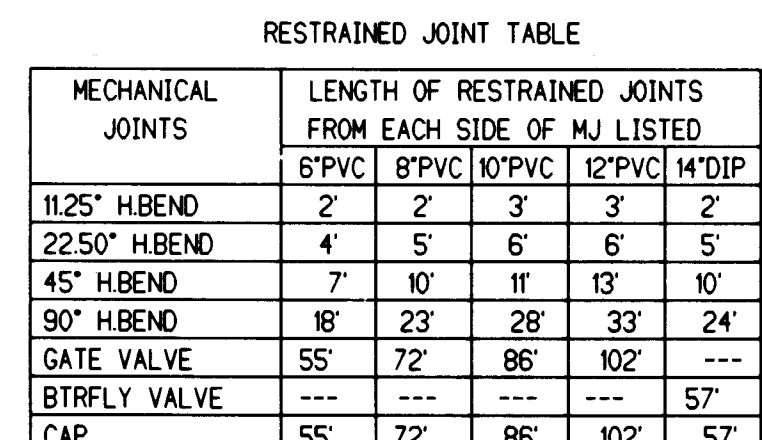
RESTRAINED JOINT NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 15LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 15LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

 BOHANNAN-HUSTON INC. <i>ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS</i> ALBUQUERQUE LAS CRUCES SANTA FE			
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
BALLOON FIESTA PARK - PHASE 1 UTILITY PLAN & PROFILE JEFFERSON STREET (STA. 14+05.00 TO STA. 22+32.00)			
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	
		LAST DESIGN UPDATE	MO./DAY/YR.
			MO./DAY/YR.
			MO./DAY/YR.
			MO./DAY/YR.
			MO./DAY/YR.
PROJECT NO.		ZONE MAP NO.	SHEET OF
5202-90		B-17	21 27
COPYRIGHT BOHANNAN-HUSTON, INC. 1996 DATE: JUNE 1996			

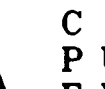
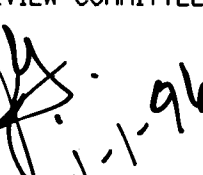


USERNAME: C96100A22440.PNPJEFFERSON1.PNP.GRF
 BHI JOB NO. 96100A42440
COPYRIGHT BOHANNAN-HUSTON, INC. 1996

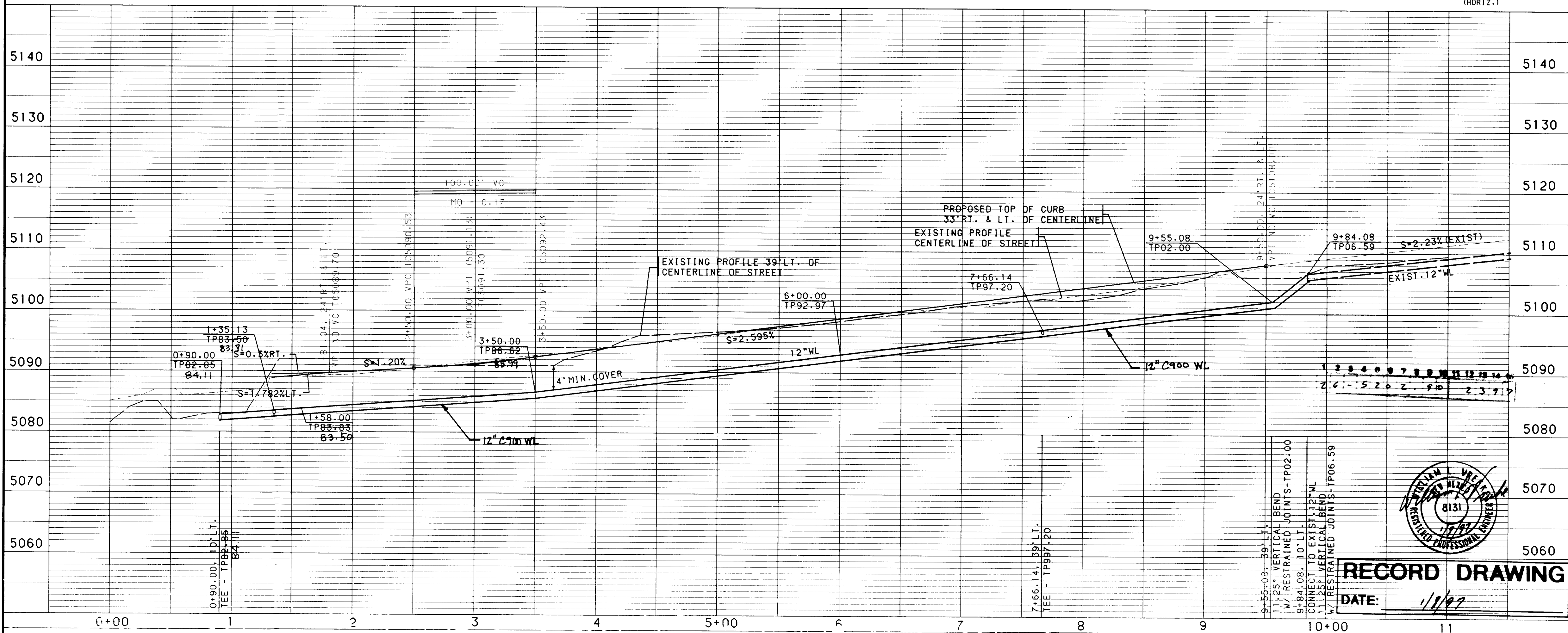
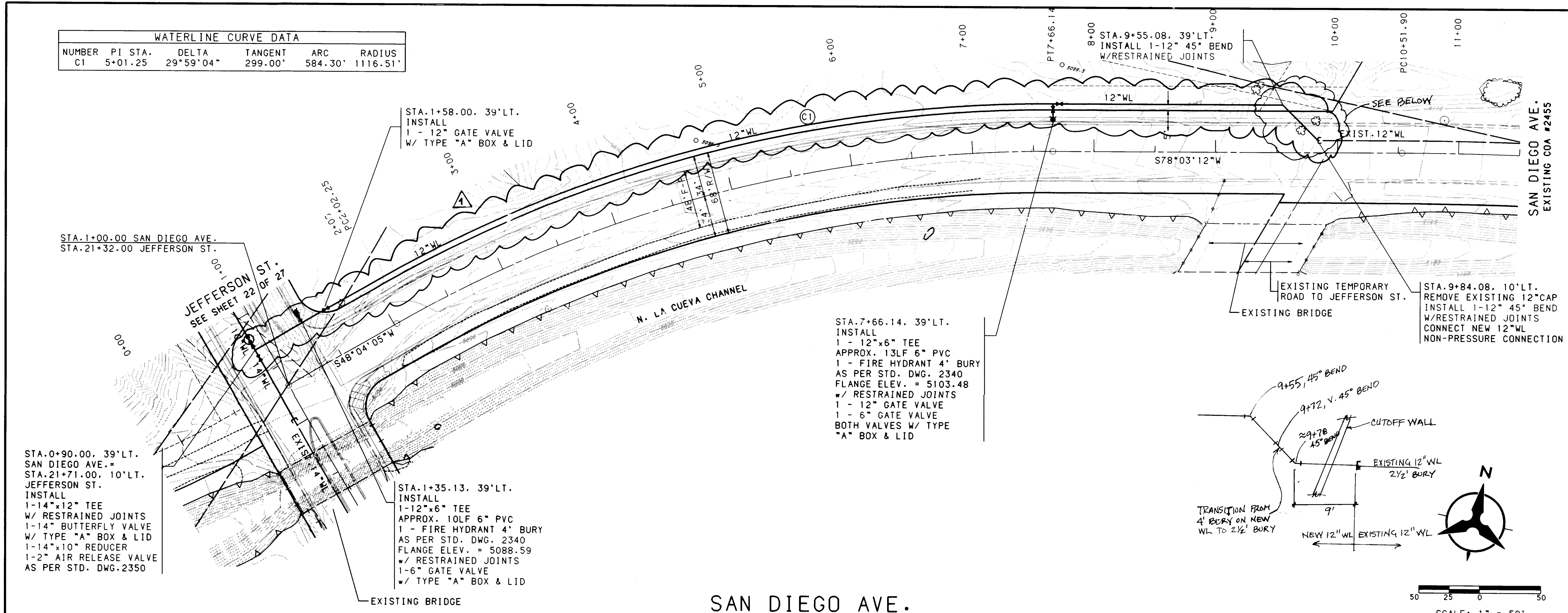


RESTRAINED JOINT NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 15LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 15LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE (SEE ROW 2).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

 BOHANNAN-HUSTON INC. ENGINEERS • PLANNERS • TOPOGRAPHIC SURVEYORS • LANDSCAPE ARCHITECTS ALBUQUERQUE LAS CRUCES SANTA FE			
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
BALLOON FIESTA PARK - PHASE 1 UTILITY PLAN & PROFILE JEFFERSON STREET (STA.22+32.00 TO STA.28+85.00)			
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	
		LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5202-90	B-17	22	27
COPYRIGHT BOHANNAN-HUSTON, INC. 1996			

WATERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	5+01.25	29°59'04"	299.00'	584.30'	1116.51'



USERNAME: CDP\LC96100A22440.PNP35AND1E00-PNP.GRF

1" = 50' (HORIZ.)
1" = 10' (VERT.)

BH1 JOB NO. 96100A22440

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED				
	6" PVC	8" PVC	10" PVC	12" PVC	14" DIP
11.25" HBEND	2'	2'	3'	3'	2'
22.50" HBEND	4'	5'	6'	6'	5'
45" HBEND	7'	10'	11'	13'	10'
90" HBEND	16'	23'	28'	33'	24'
GATE VALVE	55'	72'	86'	102'	---
BTRFLY VALVE	---	---	---	---	57'
CAP	55'	72'	86'	102'	57'

RESTRAINED JOINT NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
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BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

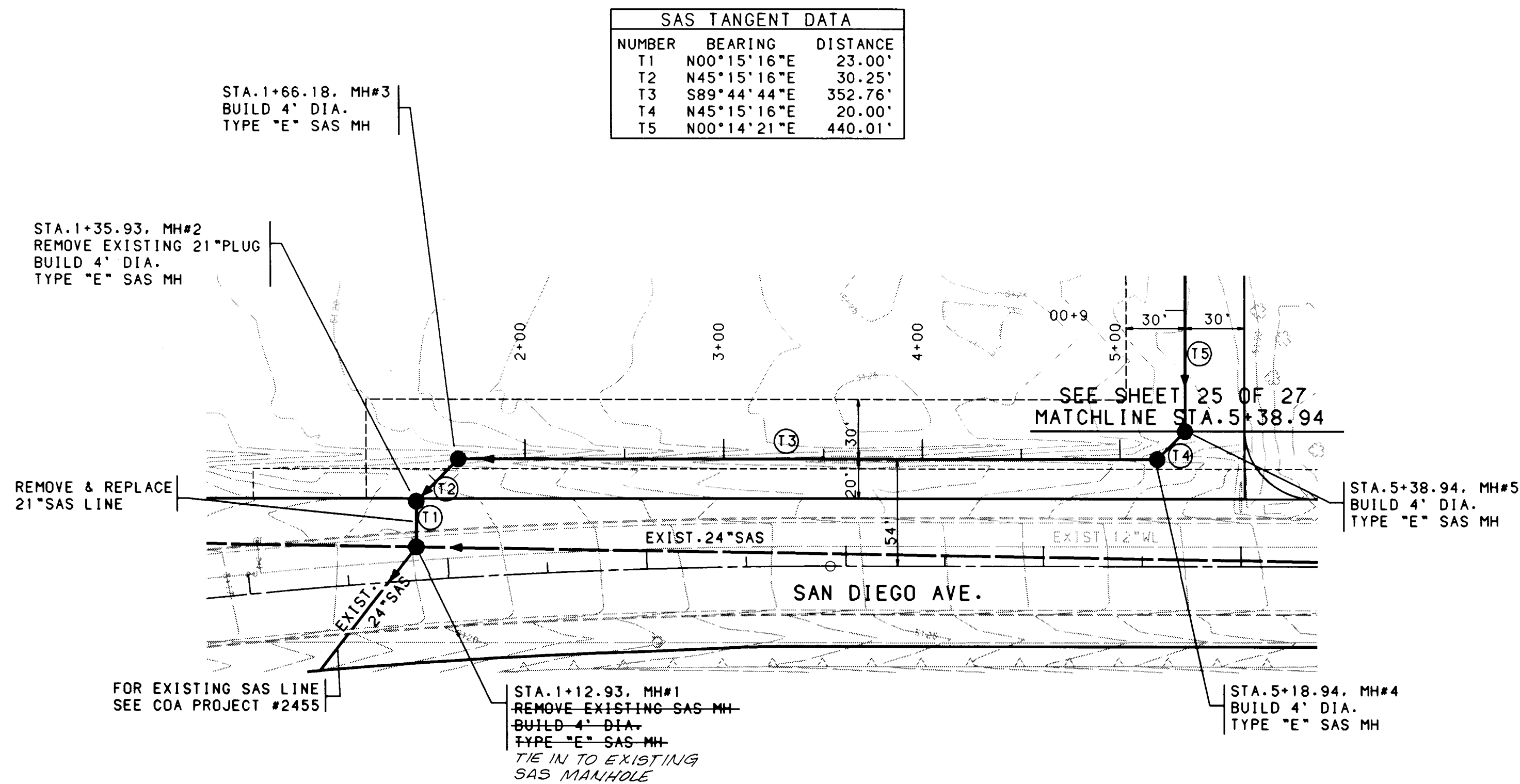
BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
SAN DIEGO AVE. (STA. 1+00.00 TO STA. 9+90.60)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. / DAY / YR.	MO. / DAY / YR.

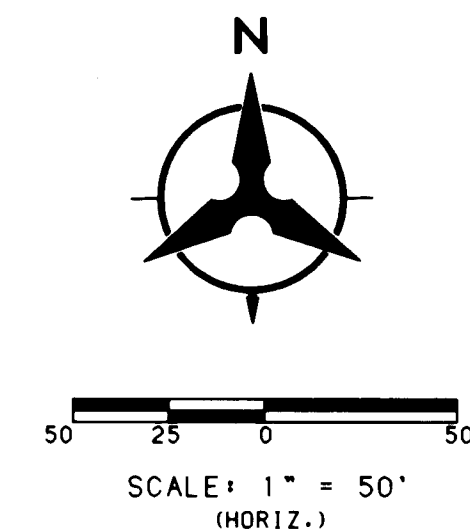
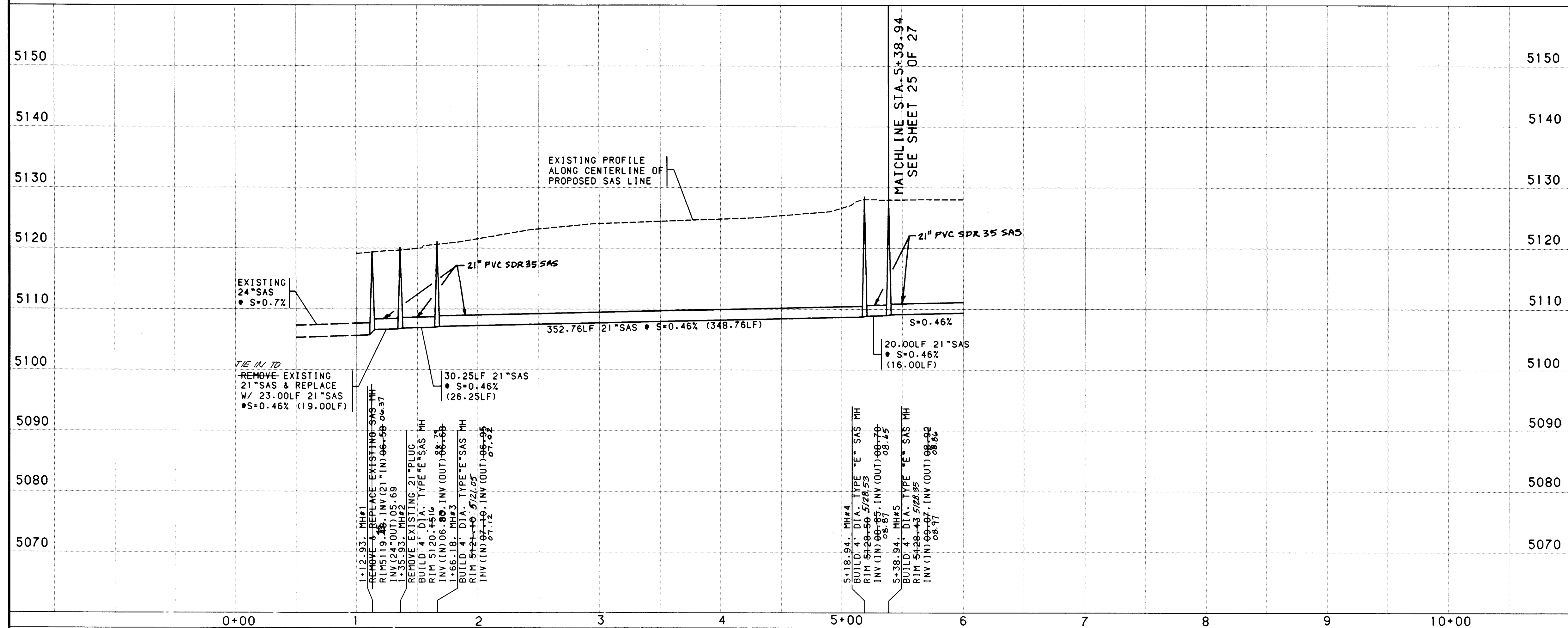
CITY PROJECT NO. **5202.90** ZONE MAP NO. **B-17** SHEET **23** OF **27**

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DATE: JANUARY, 1996

SCANNED BY
BY LASON



SANITARY SEWER LINE



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
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 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	MCC, INC.	USGLOS CAP CLOSING CORNER	1921, 111N, R3E, S11, S12, CC.	NO.	DATE	NO.	DATE	NO.	DATE
INSPECTOR'S	BHI	ELENA GALLEGO GRANT							
VERIFICATION BY	BHI	GEOGRAPHIC POSITION (NAD 27)							
CORRECTED BY	BHI	N.M. STATE PLANE COORDINATES							
MICRO-FILM INFORMATION		X=399,686.45, Y=1,528,501.63							
RECORDED BY		GROUND-TO-GRID FACTOR=0.9996660							
NO.		ΔX=-00'11"37"							
		ELEV.=5132.803							



RECORD DRAWING
DATE: 1/8/97

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

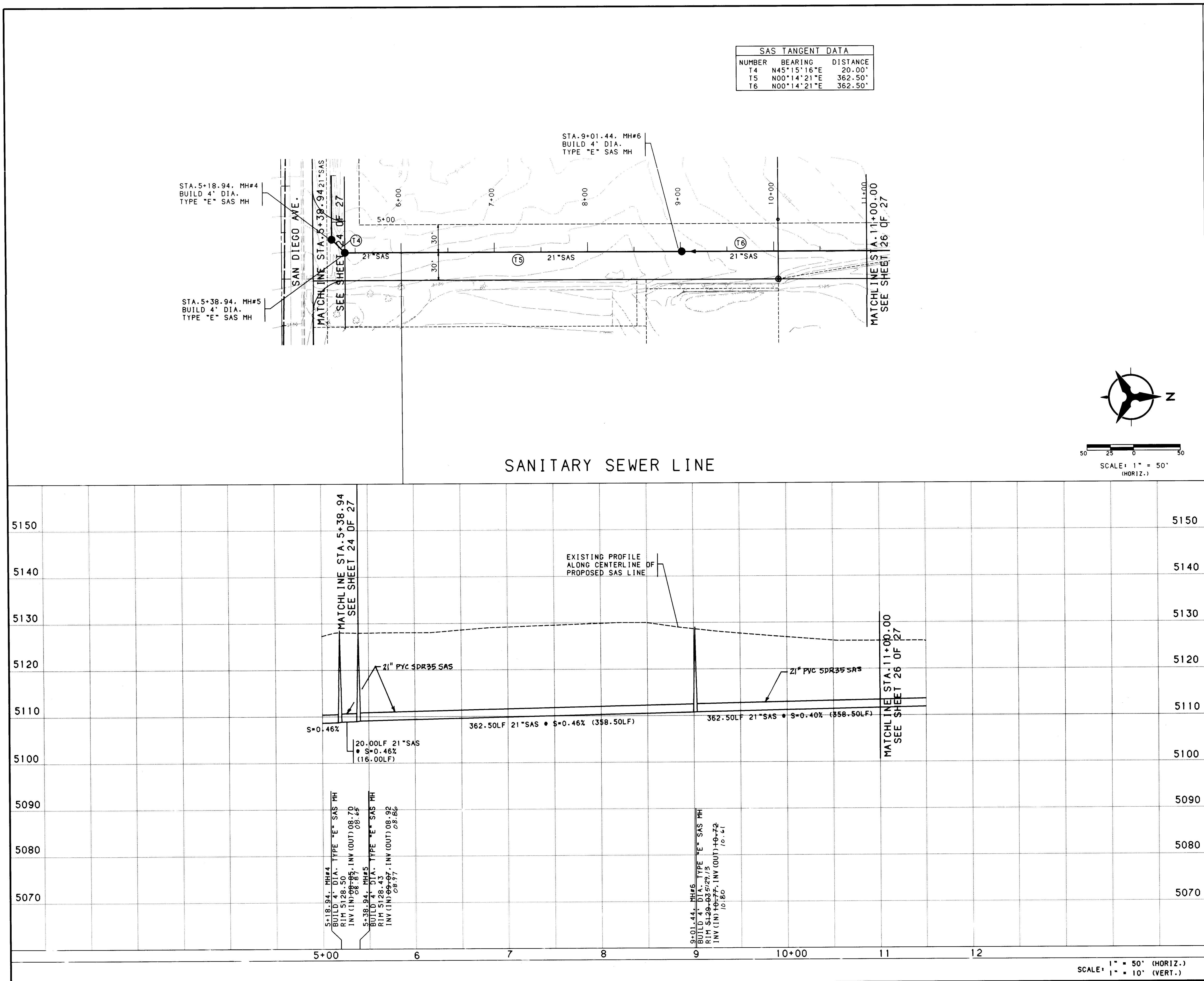
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
SANITARY SEWER LINE (STA. 1+12.93 TO STA. 5+38.94)

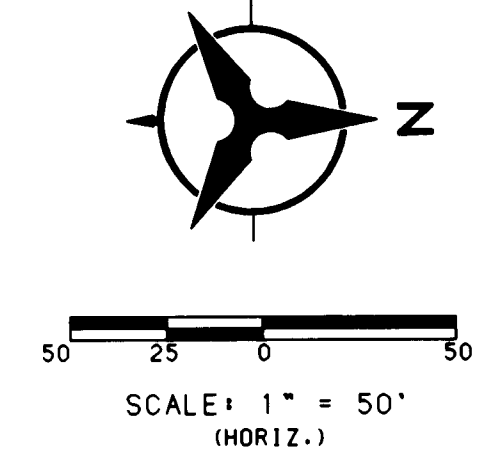
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

LAST DESIGN UPDATE

CITY PROJECT NO. 5202.90 ZONE MAP NO. B-17 SHEET 24 OF 27



SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T4	N45°15'16"E	20.00'
T5	N00°14'21"E	362.50'
T6	N00°14'21"E	362.50'



NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR	MCC, Inc.
DATE	8/96
BY	BH
CHECKED BY	BH
DATE	8/96
FIELD VERIFICATION BY	BH
DATE	8/96
CORRECTED BY	BH
DATE	8/96
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	
NO.	

ENGINEER'S SEAL

RECORD DRAWING

DATE: 1/8/97

BOHANNAN-HUSTON INC.

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1

UTILITY PLAN & PROFILE

SANITARY SEWER LINE (STA. 5+38.94 TO STA. 11+00.00)

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

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

LAST DESIGN UPDATE

DESIGNED BY JF/CH DATE 1/96

DRAWN BY TSG DATE 1/96

CHECKED BY CH DATE 1/96

CITY PROJECT NO. 5202.90

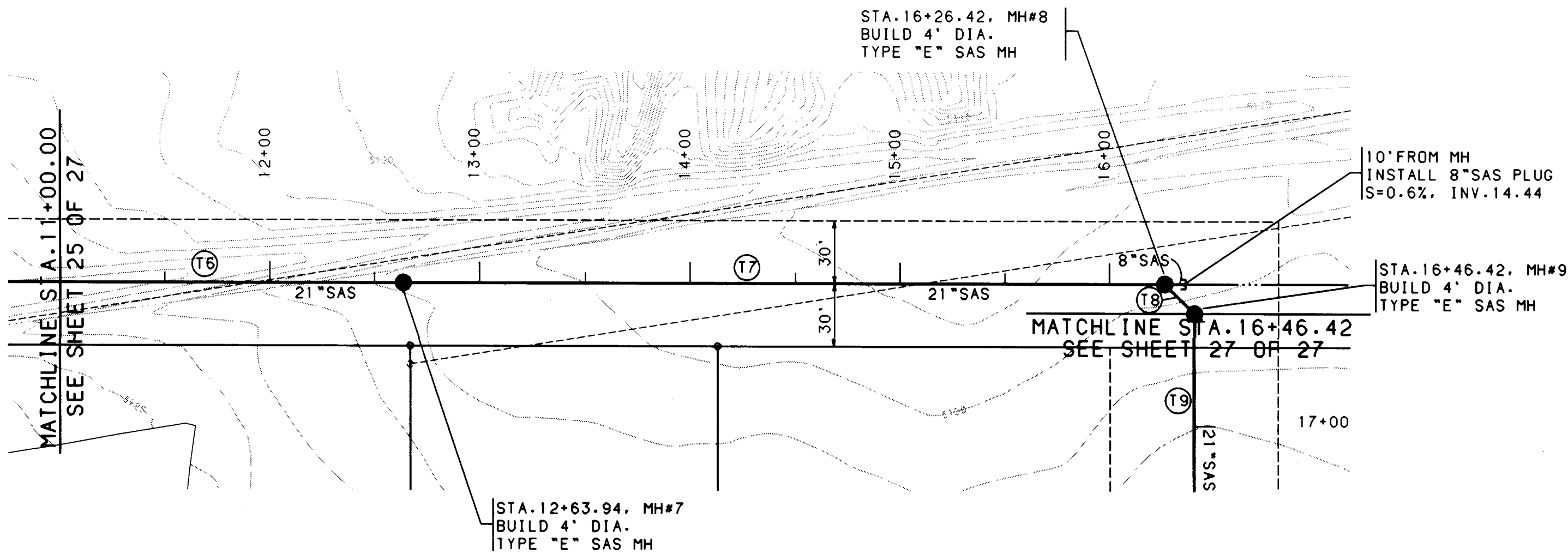
ZONE MAP NO. B-17

SHEET 25 OF 27

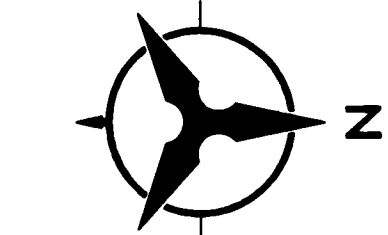
COPYRIGHT BOHANNAN-HUSTON, INC. 1996

DATE: JANUARY, 1996

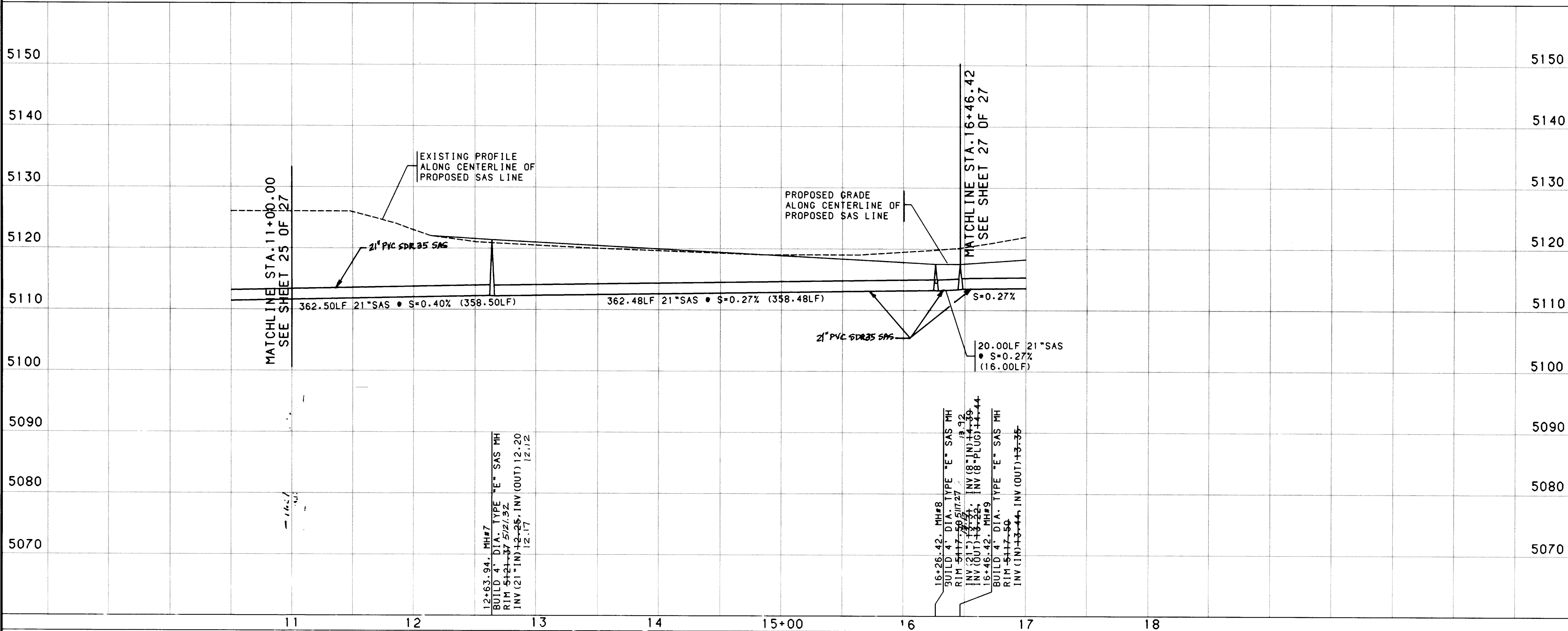
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T6	N00°14'21"E	362.50'
T7	N00°14'21"E	362.48'
T8	N45°00'01"E	20.00'
T9	S89°45'39"E	450.91'



SANITARY SEWER LINE



SCALE: 1" = 50'
(HORIZ.)



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	MCC, INC.	USGOS CAP CLOSING CORNER	1921, T11N, R3E, S11, S12, CC.	NO.	DATE	NO.	DATE		
INSPECTOR'S	BHI	ELENA GALLEGOS GRANT							
DATE	8/92	GEOGRAPHIC POSITION (NAD 27)		NO.	DATE	NO.	DATE	REMARKS	BY
DATE	8/92	N.M. STATE PLANE COORDINATES						DESIGN	
DATE	8/92	X=399,666.45, Y=1,528,501.63						DATE	1/96
DATE	8/92	GROUND-TO-GRID FACTOR=0.9996660						DATE	1/96
DATE	8/92	AD=+00'11'37"						DATE	1/96
DATE	8/92	ELEV.=5132.803							

26-5202-90-2677



RECORD DRAWING

DATE: 1/9/97

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

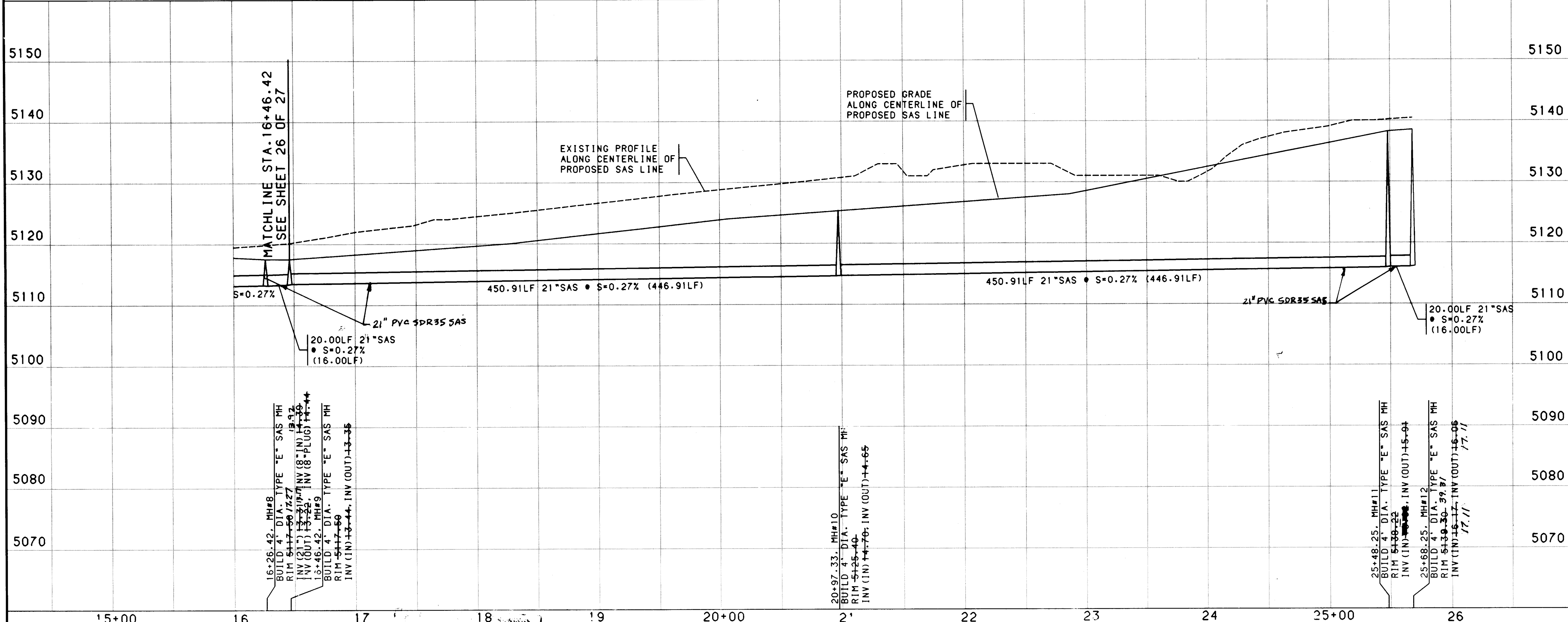
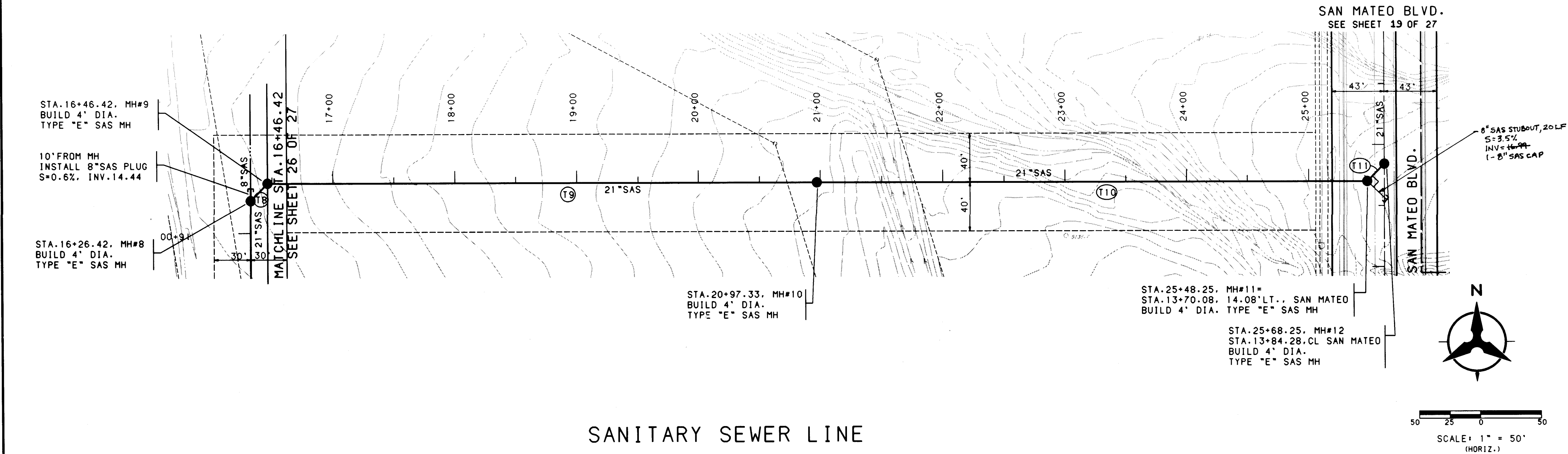
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
SANITARY SEWER LINE (STA. 11+00.00 TO STA. 16+46.42)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR
B.H.H. 4-1-96	A-1-96		
LAST DESIGN UPDATE			

CITY PROJECT NO.	5202.90	ZONE MAP NO.	8-17	SHEET	26	OF	27
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SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T8	N45°00'01"E	20.00'
T9	S89°45'39"E	450.91'
T10	S89°45'39"E	450.91'
T11	N45°00'01"E	20.00'



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RECORD DRAWING

DATE: 1/1/97

20 21 22 23 24 25 26

20 21 22 23 24 25 26

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BALLOON FIESTA PARK - PHASE 1
UTILITY PLAN & PROFILE
SANITARY SEWER LINE (STA. 16+46.42 TO STA. 25+68.25)

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. 5202.90 ZONE MAP NO. B-17 SHEET 27 OF 27