

CONSTRUCTION PLANS
FOR
CITICORP OFF - SITE
INFRASTRUCTURE & COMMUNITY
STORM DRAIN
ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2-3	PLAT
4	OVERALL PLAN
5	TYPICAL SECTIONS & GENERAL NOTES
6	PAVING AND STORM DRAIN PLAN AND PROFILE SAN MATEO BLVD. STA. 2+00 TO 13+00
7	SAN MATEO BLVD. STA. 13+00 TO 24+00
8	STORM DRAIN PLAN AND PROFILE SOUTH TRUNK LINE STA. 1+00 TO STA. 11+00
9	SOUTH TRUNK LINE STA. 11+00 TO STA. 16+01.63
10	NORTH TRUNK LINE STA. 1+00 TO STA. 11+00
11	NORTH TRUNK LINE STA. 11+00 TO STA. 15+32.22
12	UPSTREAM DRAINAGE MANAGEMENT PLAN
13	MISCELLANEOUS STORM DRAIN DETAILS

NOTE: CERTIFICATION IS FOR SHEETS 10 & 11 ONLY.

AS-BUILT CERTIFICATION

I, Thomas G. Klingenhagen, New Mexico Professional Land Surveyor No. 5978, do hereby certify that the as-built information (hand-lettered) shown hereon is the result of a field survey performed by me, or under my direct supervision, and that the same is true and correct.

Thomas G. Klingenhagen NMLS No. 5978

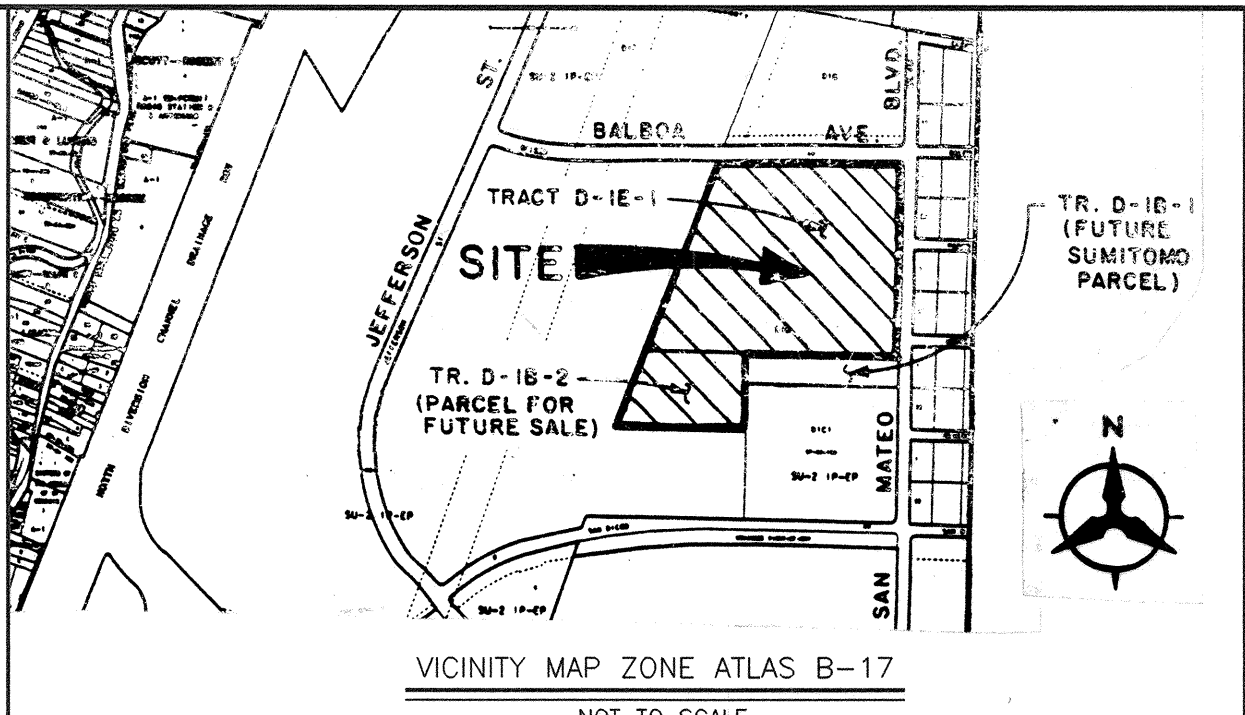
RECORD DRAWING

DATE: 4-24-97

APPROVAL OF AS-BUILT DRAWINGS
DATE: 9-25-97

DRB No. 96-234

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

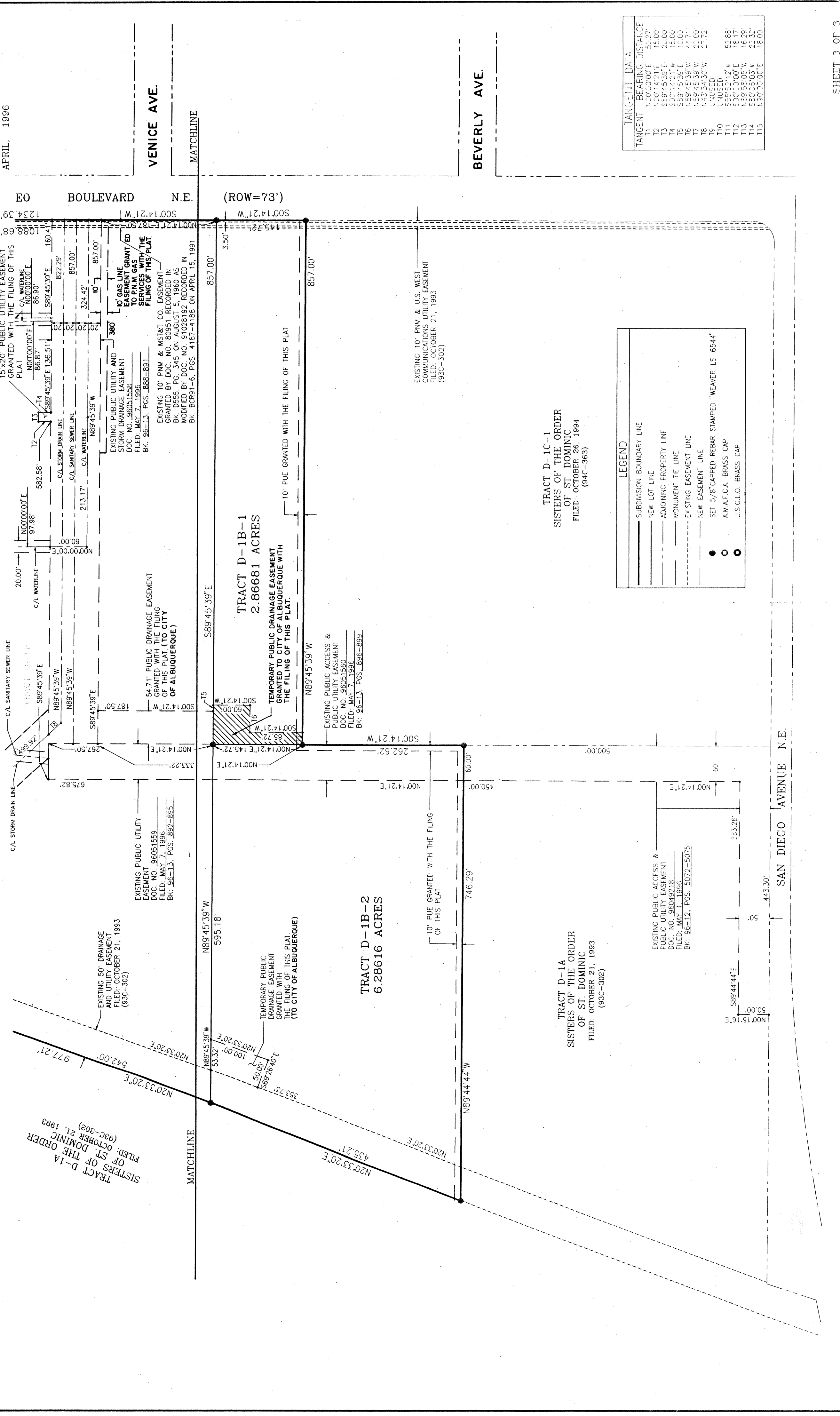
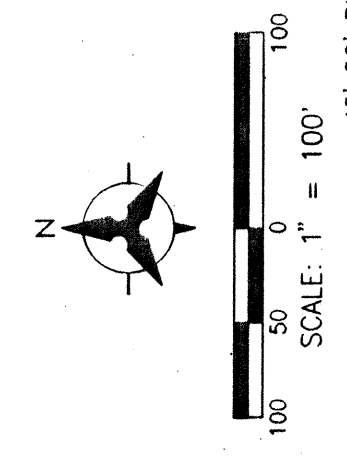


- NOTICE TO CONTRACTORS
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
 - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND 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 CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY - FOUR HOUR CONSTRUCTION.

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
 - ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☐ IF CURB IS DEPRESSIONED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
 - ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

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PLAT OF
TRACTS D-1B-1,
D-1B-2 & D-1E-1
SISTERS OF THE ORDER
OF ST. DOMINIC
ALBUQUERQUE, NEW MEXICO
APRIL, 1996



LEGEND

- SUBDIVISION BOUNDARY LINE
- NEW LOT LINE
- ADJOINING PROPERTY LINE
- MONUMENT TIE LINE
- EXISTING EASEMENT LINE
- NEW EASEMENT LINE
- SET 5/8" CAPPED REBAR STAMPED "WEAVER LS 6544"
- AMAF.C.A. BRASS CAP
- US.G.L.O. BRASS CAP

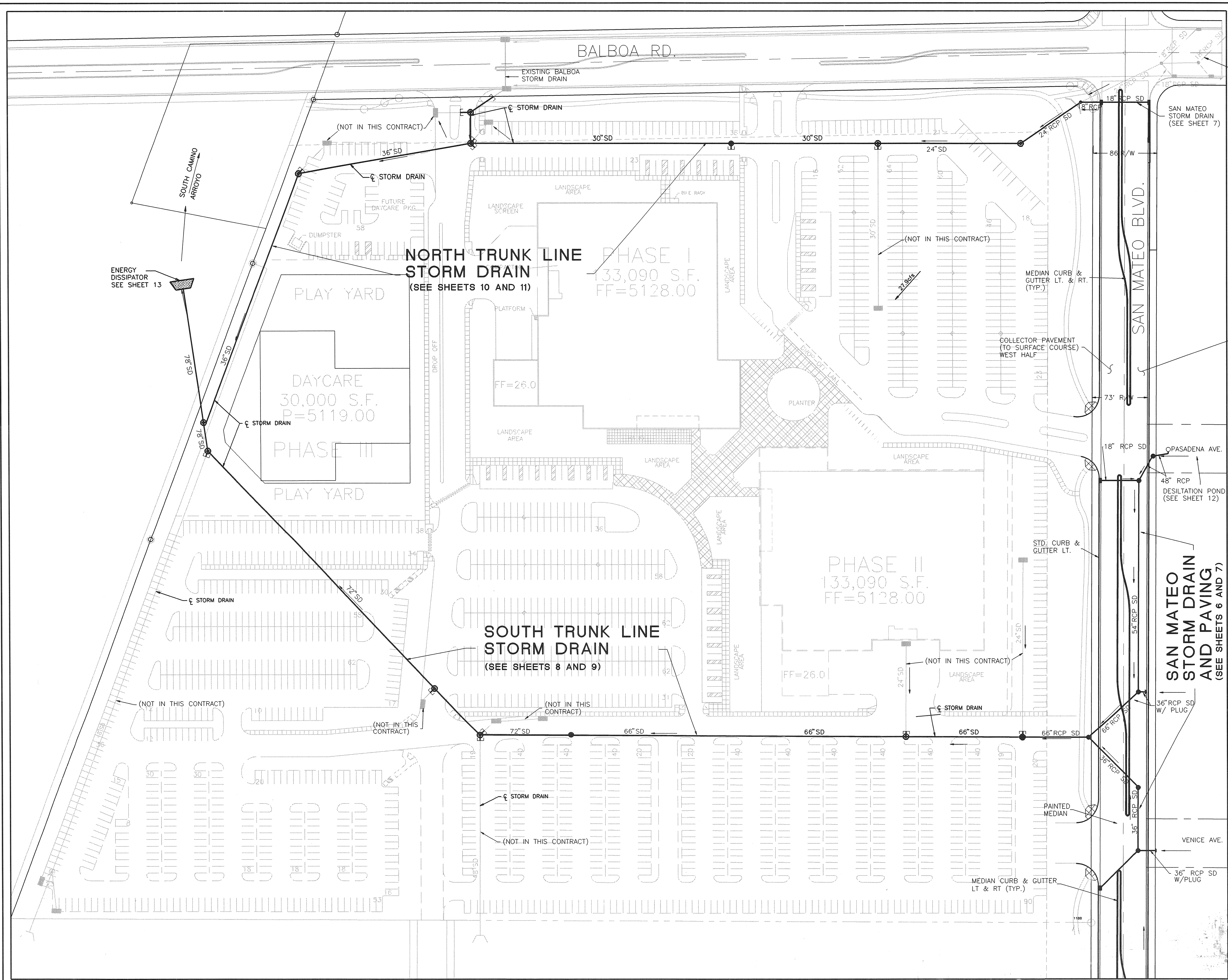
TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	N20°20'00"E	51.27'
T2	N20°14'21"E	15.00'
T3	N20°14'21"E	15.00'
T4	N20°14'21"E	15.00'
T5	N20°14'21"E	15.00'
T6	N20°14'21"E	15.00'
T7	N20°14'21"E	15.00'
T8	N20°14'21"E	15.00'
T9	N20°14'21"E	15.00'
T10	N20°14'21"E	15.00'
T11	N20°14'21"E	15.00'
T12	N20°14'21"E	15.00'
T13	N20°14'21"E	15.00'
T14	N20°14'21"E	15.00'
T15	N20°14'21"E	15.00'

SHEET 3 OF 3
JOB NO. 94-1934-3012

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

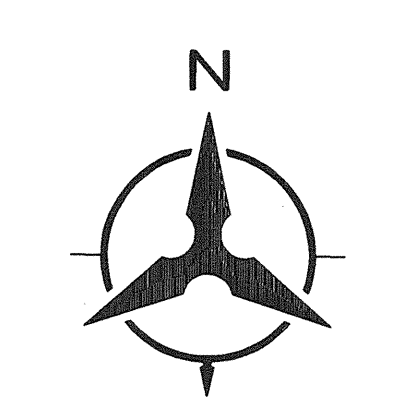
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-5469.91 0327



LEGEND

----- EXISTING CURB & GUTTER

———— PROPOSED THIS CONTRACTOR



60 30 0 60

SCALE: 1" = 60'

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-54691.01 10497

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

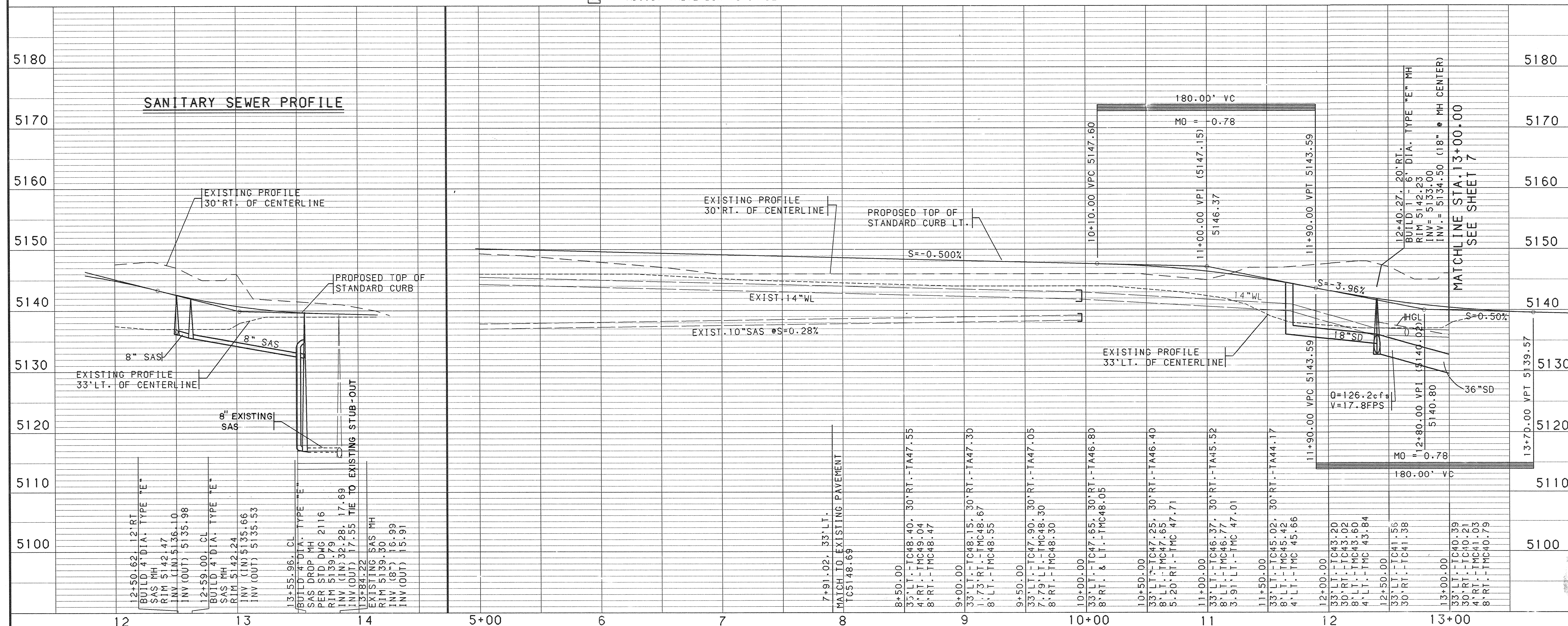
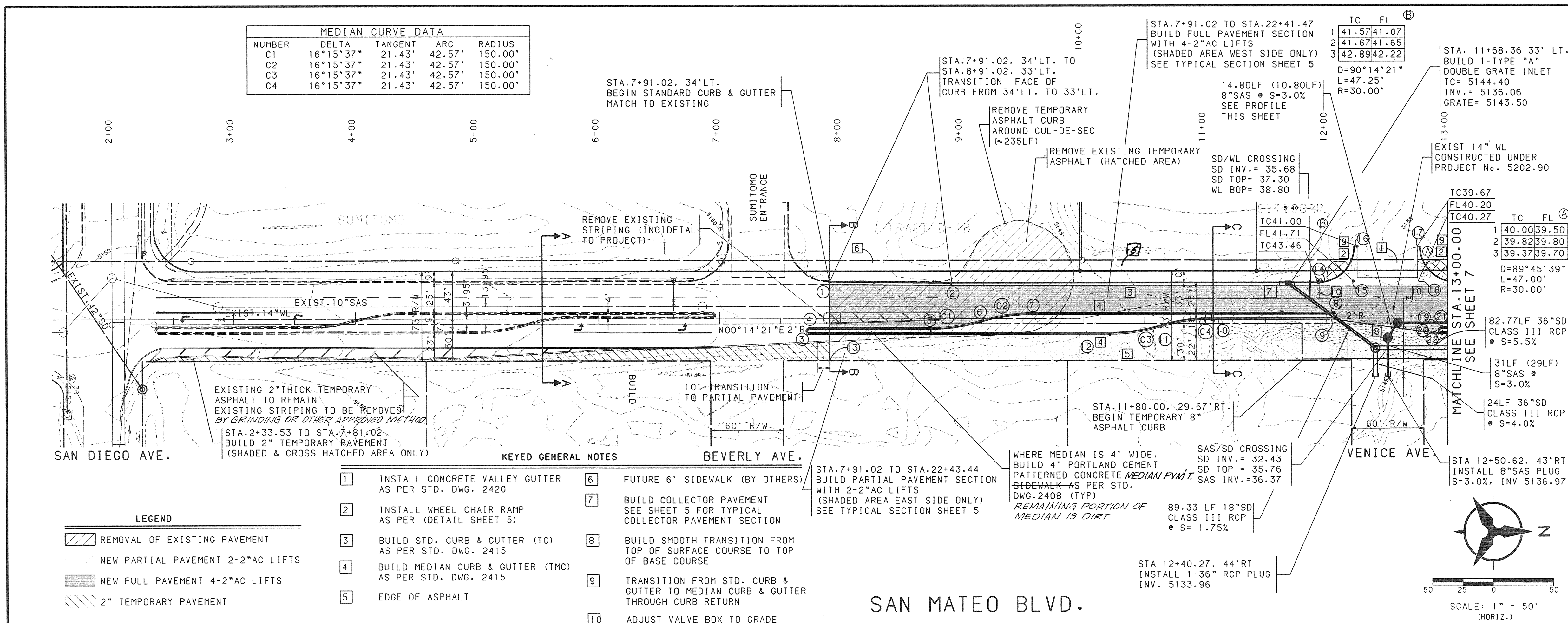
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
CITICORP OFF - SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN
OVERALL PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
546991	B-17	4	13

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES		USGLOS CAP CLOSING CORNER 1921, T11N, R3E, S11, S12, CC, ELENA GALLEGO'S GRANT		CONTRACTOR	
		NO.	BY	DATE		WORK BY	DATE
						INSPECTOR'S	DATE
						ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS	DATE
						COORDINATES	
						N.M. STATE PLANE COORDINATES (SURFACE)	
						X = 398,799.073, Y = 1,529,006.713	
						ELEV = 5132.803	
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE
						NO.	

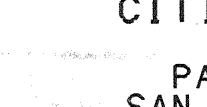
MEDIAN CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C1	16°15'37"	21.43'	42.57'	150.00'
C2	16°15'37"	21.43'	42.57'	150.00'
C3	16°15'37"	21.43'	42.57'	150.00'
C4	16°15'37"	21.43'	42.57'	150.00'

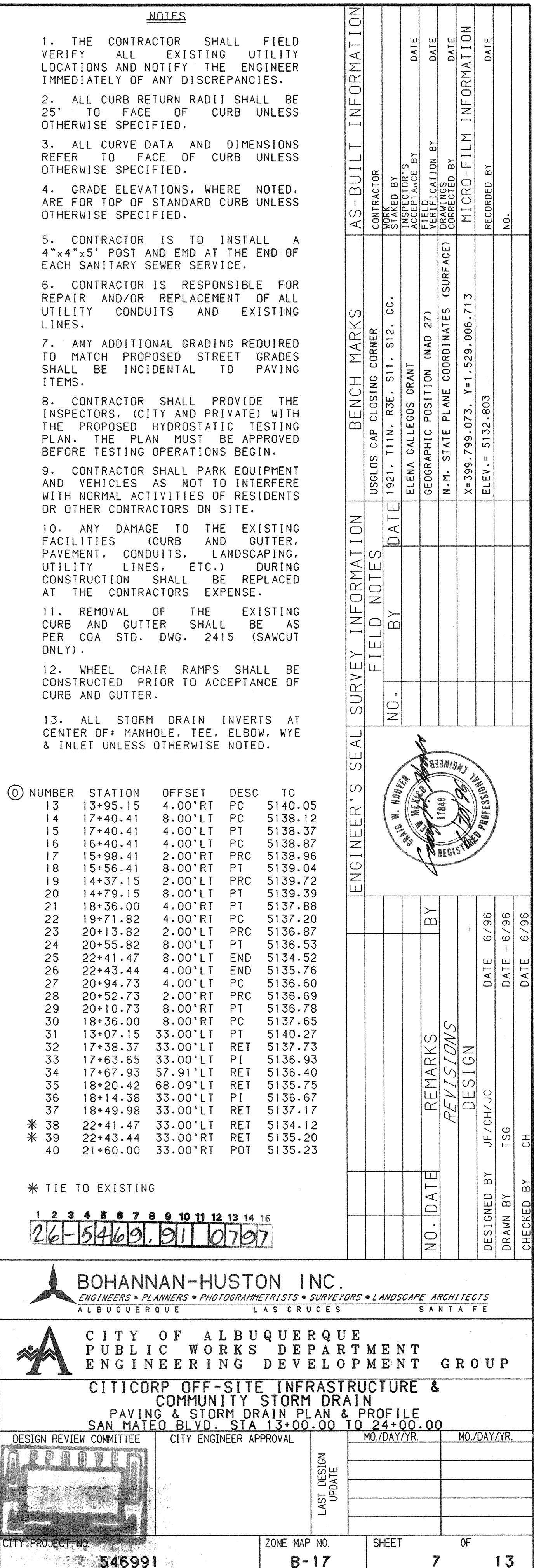
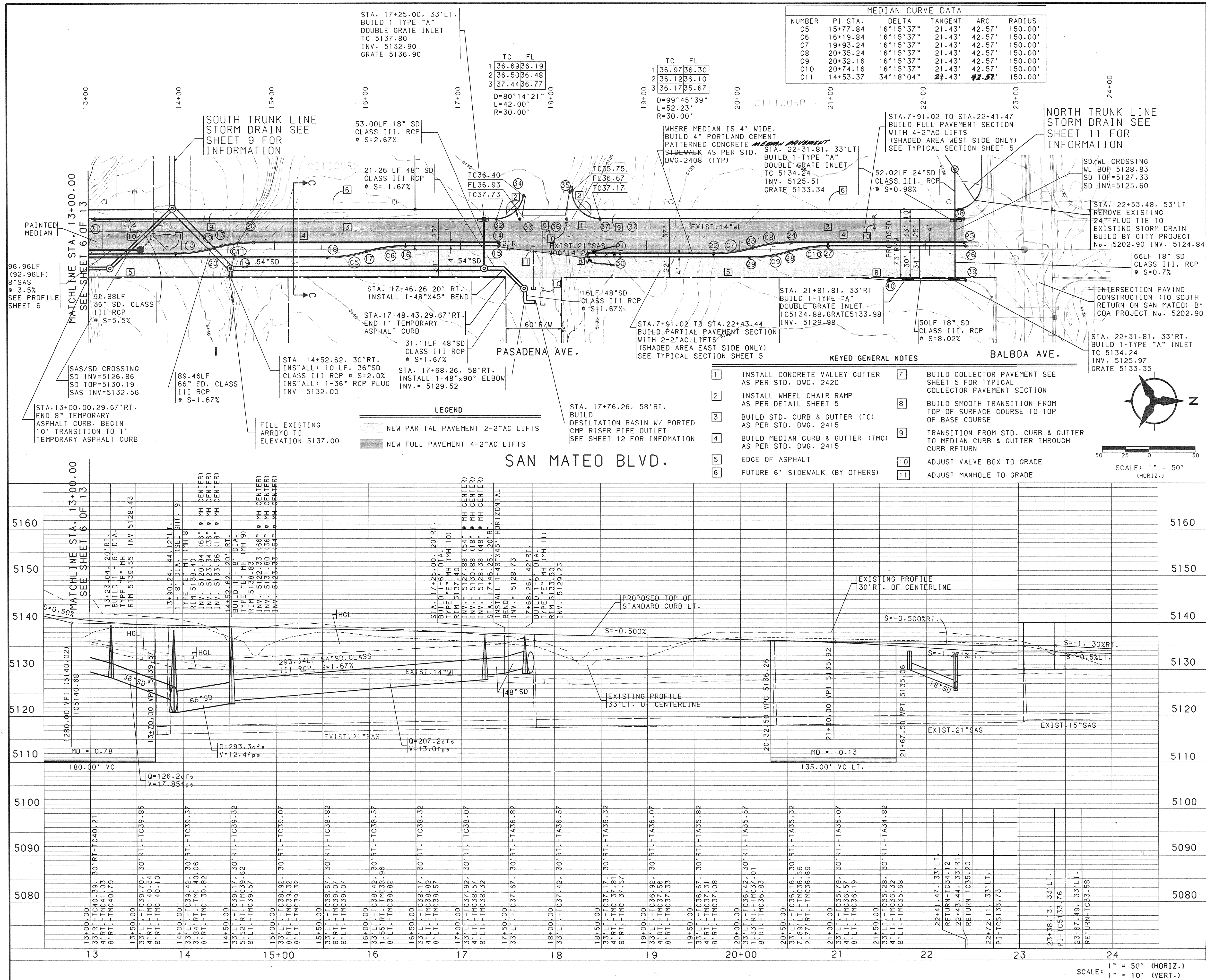


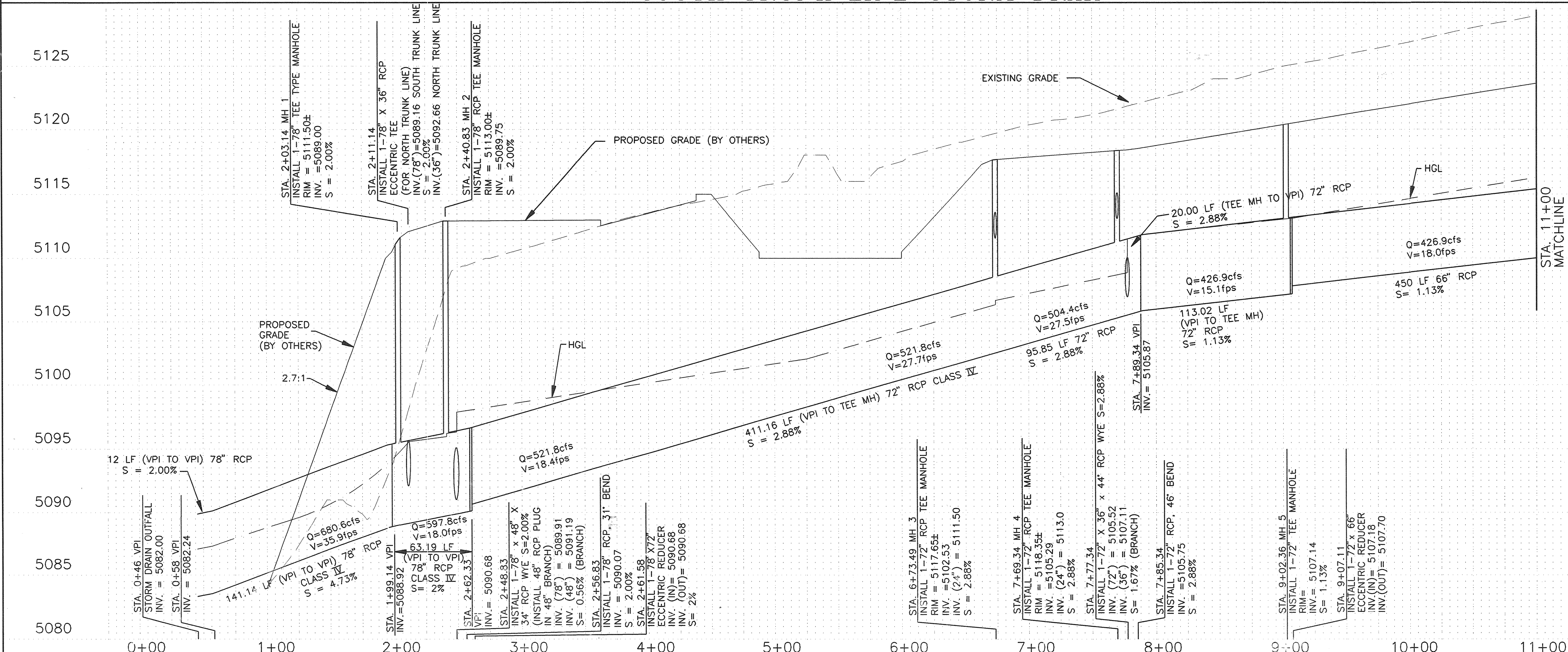
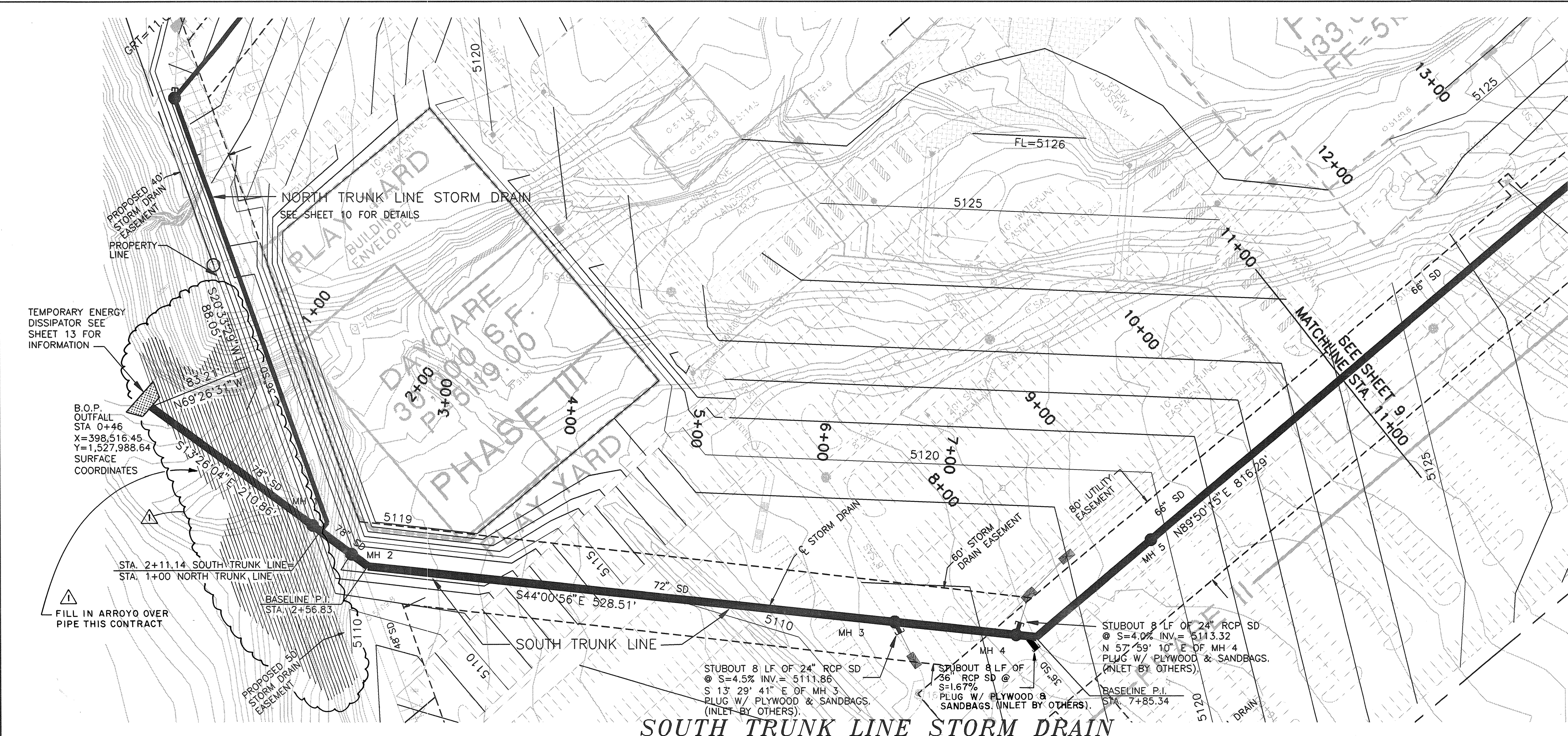
NOTES

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.
13. ALL STORM DRAIN INVERTS AT CENTER OF: MANHOLE, TEE, ELBOW, WYE & INLET UNLESS OTHERWISE NOTED.

①	NUMBER	STATION	OFFSET	DESC	TC
1	7-91.02	34.00' LT	RET	5148.69	
2	7-91.02	33.00' LT	PI	5148.71	
3	7-74.01	8.00' RT	PC	5149.18	
4	7-74.01	4.00' RT	PT	5149.42	
5	8-74.01	4.00' RT	PC	5148.92	
6	9-16.01	2.00' LT	PRC	5148.59	
7	9-58.01	8.00' LT	PT	5148.26	
8	12-05.15	8.00' LT	PT	5143.41	
9	12-05.15	4.00' LT	PT	5143.65	
10	11-05.15	4.00' LT	PT	5146.89	
11	10-63.15	2.00' RT	PRC	5147.58	
12	10-21.15	8.00' RT	PC	5147.93	
13	7-91.02	30.00' RT	POT	5147.84	
14	11-93.15	33.00' LT	RET	5143.40	
15	12-23.27	33.00' LT	PI	5141.71	
16	12-23.15	63.13' LT	RET	5141.00	
17	12-77.15	62.87' LT	RET	5139.67	
18	12-77.27	33.00' LT	PI	5140.20	
19	12-95.15	4.00' RT	PC	5141.12	
20	12-95.15	8.00' RT	PC	5140.89	
21	13-00.00	4.00' RT	POT	5141.03	
22	13-00.00	8.00' RT	POT	5140.79	

 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			
CITYCORP OFF-SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN PAVING & STORM DRAIN PLAN & PROFILE SAN MATEO BLVD. STA 2+00.00 TO 3+00.00			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR
	LAST DESIGN UPDATE		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
546991	B-17	6	13
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NOTES:

1. UNLESS NOTED OTHERWISE, ALL STORM DRAIN PIPE IS CLASS III, RCP.
2. UNLESS NOTED OTHERWISE, ALL RCP LENGTHS ARE FROM CENTER OF MANHOLE, WYE, OR TEE TO CENTER OF MANHOLE, WYE, BEND, OR TEE.
3. BEARING AND DISTANCE FROM PROJECT BENCHMARK TO B.O.P.(OUTFALL @ STA. 0+46 SOUTH TRUNK LINE) IS S51°33'35"W, 1637.56'.
4. ALL STORM DRAIN INVERTS AT CENTER OF: MANHOLE, TEE, ELBOW, WYE & INLET UNLESS OTHERWISE NOTED.
5. ALL LATERALS AND INLETS ARE NOT IN THIS CONTRACT UNLESS OTHERWISE NOTED.
6. RCP STORM DRAIN MAY NOT BE CENTERED WITHIN EASEMENT AT ALL POINTS ALONG ALIGNMENT.
7. SEE SHEET 13 FOR TEE AND MANHOLE DETAILS.
8. ALL STATIONING AT CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.

LEGEND

- PROPOSED MANHOLE
- PROPOSED INLET
- PROPOSED STORM DRAIN
- PROPOSED PLUG
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS

AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK	DATE
DESIGNED BY	DATE
FIELD	DATE
REVISIONS	DATE
CHECKED BY	DATE
RECORDED BY	DATE

SURVEY INFORMATION

NO.	DATE
BY	

ENGINEER'S SEAL

7-23-96 FILL IN ARROYO OVER PIPE

REMARKS

REVISIONS

DESIGN

DESIGNED BY JAC

DRAWN BY TONYM

CHECKED BY CWH

DATE 6/96

DATE 6/96

DATE 6/96

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

TITLE: CITICORP OFF-SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN

SOUTH TRUNK LINE PLAN & PROFILE STA. 1+00 TO 11+00

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

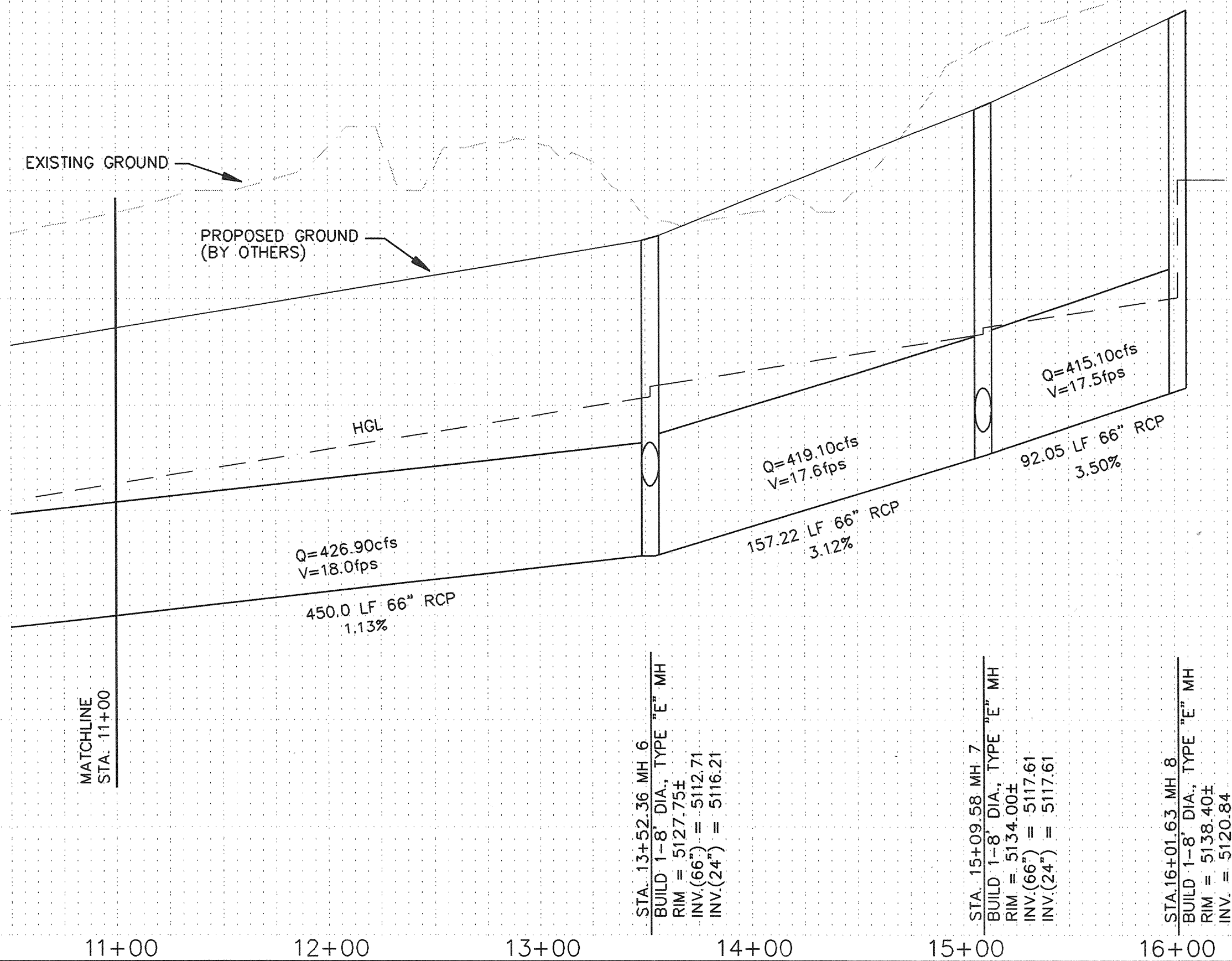
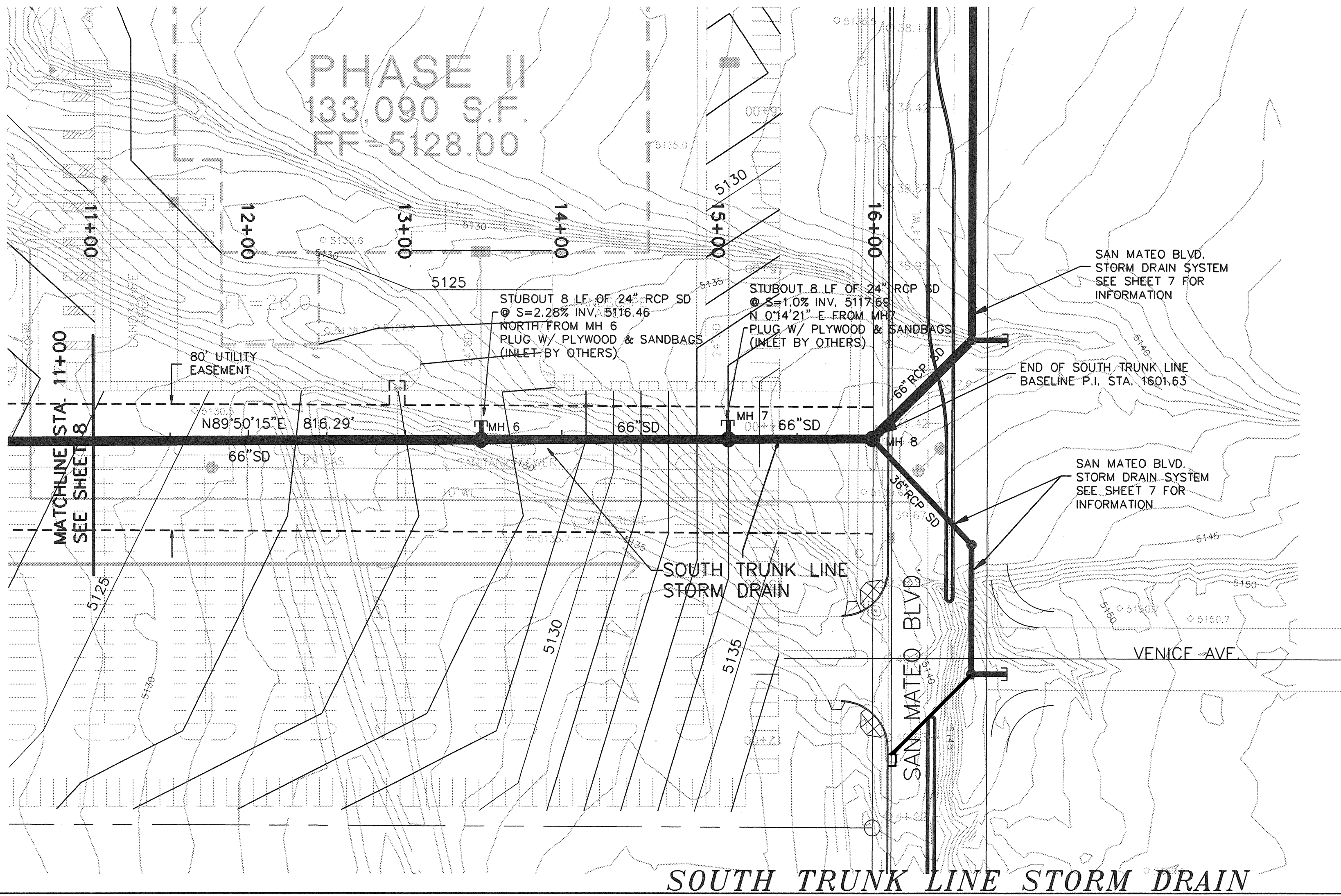
MO./DAY/YR. MO./DAY/YR.

546991

B-17

8

13

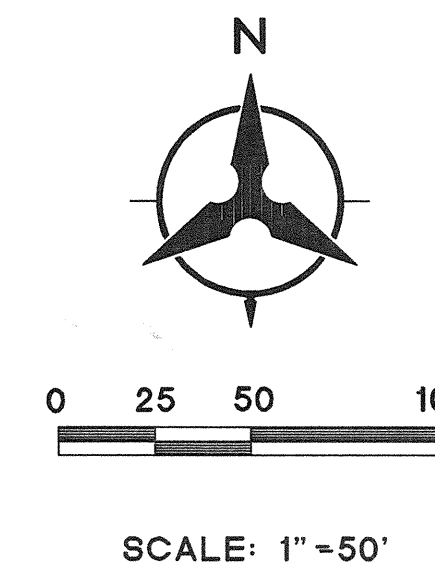


NOTES:

1. UNLESS NOTED OTHERWISE, ALL STORM DRAIN PIPE IS CLASS III, RCP.
2. UNLESS NOTED OTHERWISE, ALL RCP LENGTHS ARE FROM CENTER OF MANHOLE, WYE, OR TEE TO CENTER OF MANHOLE, WYE, BEND, OR TEE.
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- PROPOSED MANHOLE
- PROPOSED INLET
- PROPOSED STORM DRAIN
- ⊙ PROPOSED PLUG
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS



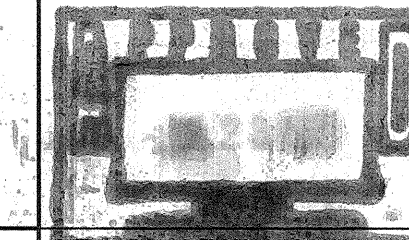
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26-5469.01 0097

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CITICORP OFF-SITE INFRASTRUCTURE
& COMMUNITY STORM DRAIN
SOUTH TRUNK LINE PLAN & PROFILE STA. 11+00 TO 16+01.63

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL



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

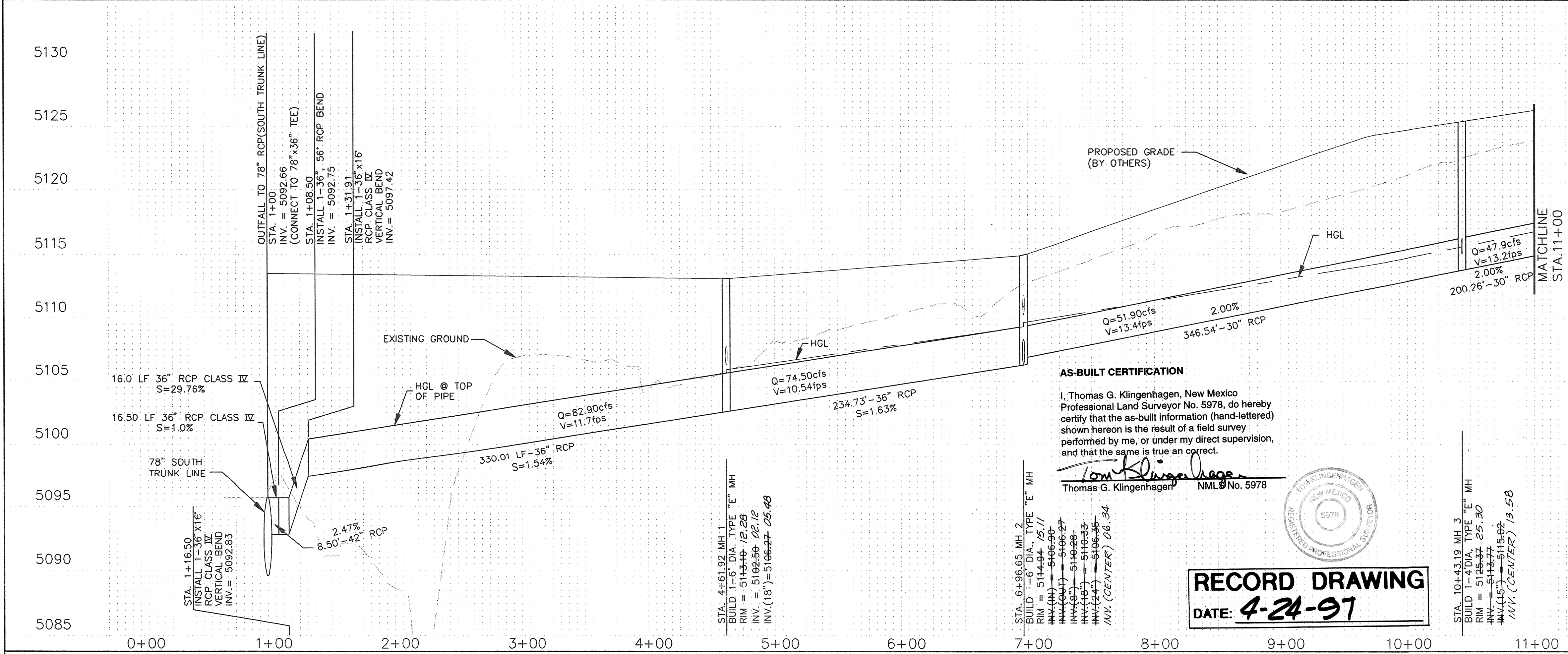
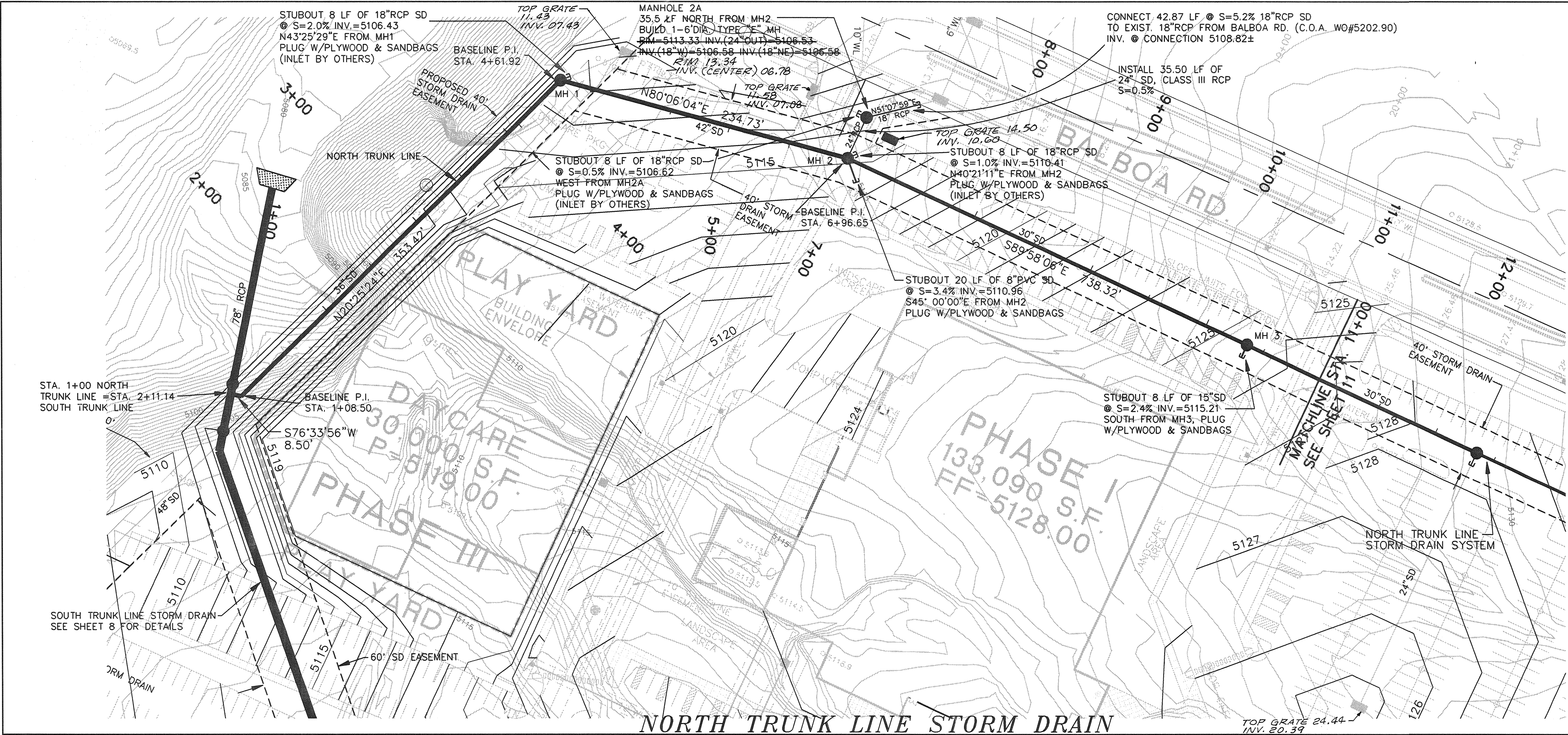
LAST DESIGN UPDATE

SCALES: 1" = 50' HOR
1" = 5' VER

PROJECT NO. 546991

ZONE MAP NO. B-17

SHEET 9 OF 13



HYDRO:[H96177A2422.ACAD]ST010102.DWG

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LEGEND

●

PROPOSED MANHOLE

■

PROPOSED INLET

—

PROPOSED STORM DRAIN

—

PROPOSED PLUG

●

EXISTING OR BUILD BY OTHERS

■

EXISTING OR BUILD BY OTHERS

—

EXISTING OR BUILD BY OTHERS

—

EXISTING OR BUILD BY OTHERS

AS-BUILT INFORMATION

CONTRACTOR: J.R. Hale

DATE: 3/97

WORK: ST1, ST2, CC, ELENA GALLEGOS GRANT

DATE: 3/97

DESIGNED BY: BHT

DATE: 3/97

FIELD CHECKED BY: BHT

DATE: 3/97

REVISIONS: BHT

DATE: 4/24/97

RECORDED BY: BHT

DATE: 4/24/97

NO.

DATE

BY

REMARKS

DESIGNED BY JAC

DATE: 6/96

DRAWN BY TONYM

DATE: 6/96

CHECKED BY CWH

DATE: 6/96

ENGINEER'S SEAL

1000

REGISTERED PROFESSIONAL ENGINEER

NEW MEXICO

1000

REGISTERED PROFESSIONAL ENGINEER

NEW MEXICO

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

TITLE: CITICORP OFF-SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN

NORTH TRUNK LINE PLAN & PROFILE STA. 1+00 TO 11+00

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

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

LAST DESIGN UPDATE

PROJECT NO. 546991

ZONE MAP NO. B-17

SHEET 10 OF 13

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

DATE: 4-24-97

RECORD DRAWING

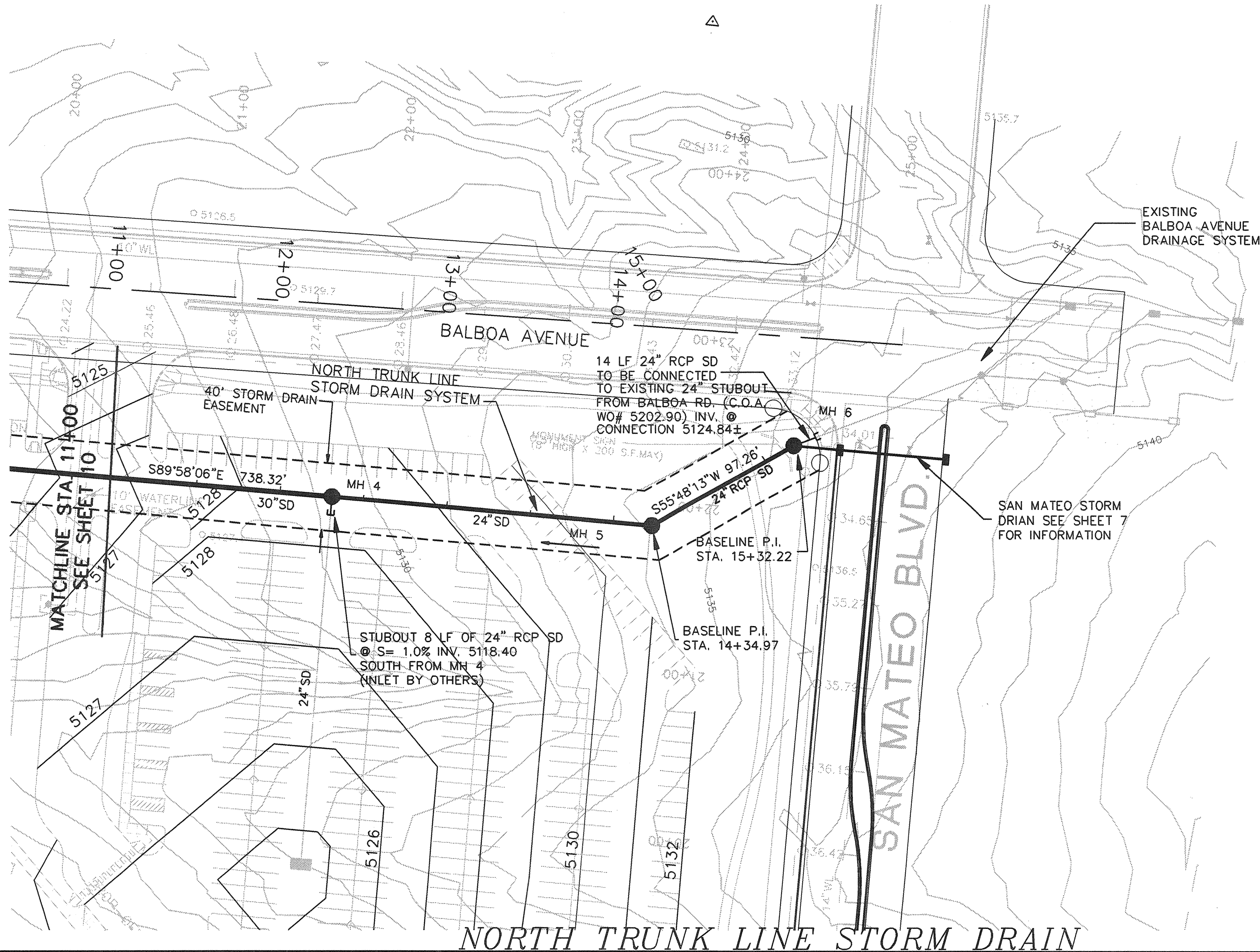
DATE: 4-24-97

AS-BUILT CERTIFICATION

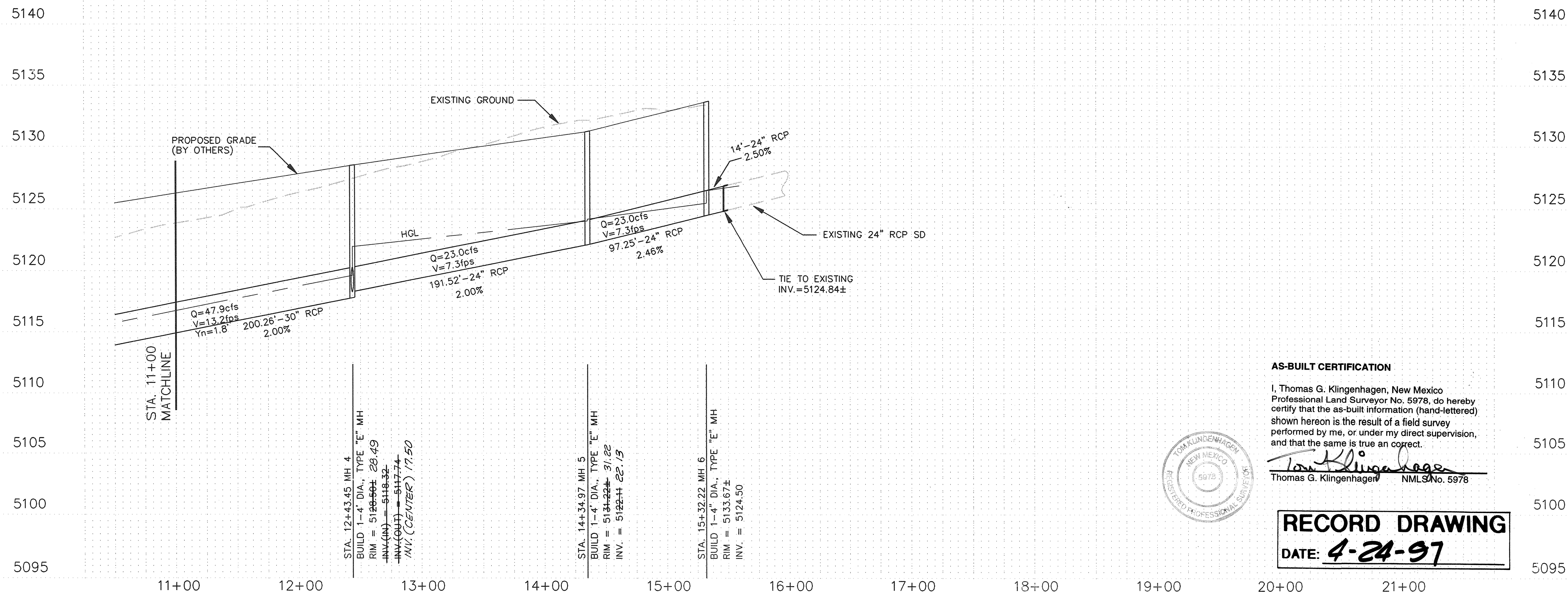
I, Thomas G. Klingenhagen, New Mexico Professional Land Surveyor No. 5978, do hereby certify that the as-built information (hand-lettered) shown hereon is the result of a field survey performed by me, or under my direct supervision, and that the same is true and correct.

Thomas G. Klingenhagen NMLS No. 5978

NEW MEXICO 5978 REGISTERED PROFESSIONAL SURVEYOR



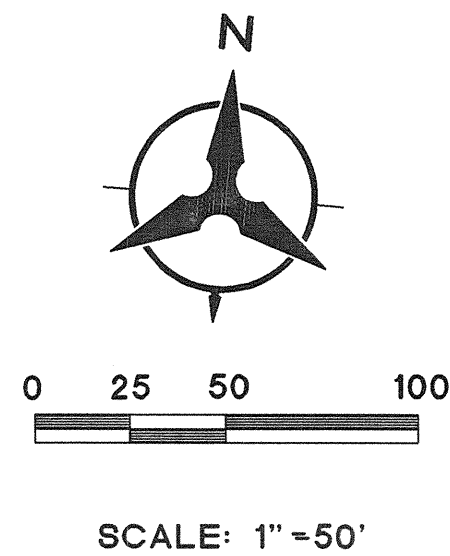
NORTH TRUNK LINE STORM DRAIN



AS-BUILT CERTIFICATION

I, Thomas G. Klingenhagen, New Mexico Professional Land Surveyor No. 5978, do hereby certify that the as-built information (hand-lettered) shown hereon is the result of a field survey performed by me, or under my direct supervision, and that the same is true and correct.

RECORD DRAWING
DATE: 4-24-97



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-5469.91 11/97

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CITICORP OFF-SITE INFRASTRUCTURE
& COMMUNITY STORM DRAIN
NORTH TRUNK LINE PLAN & PROFILE STA. 11+00 TO 15+32.22

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

CITY PROJECT NO. 546991 ZONE MAP NO. B-17 SHEET 11 OF 13

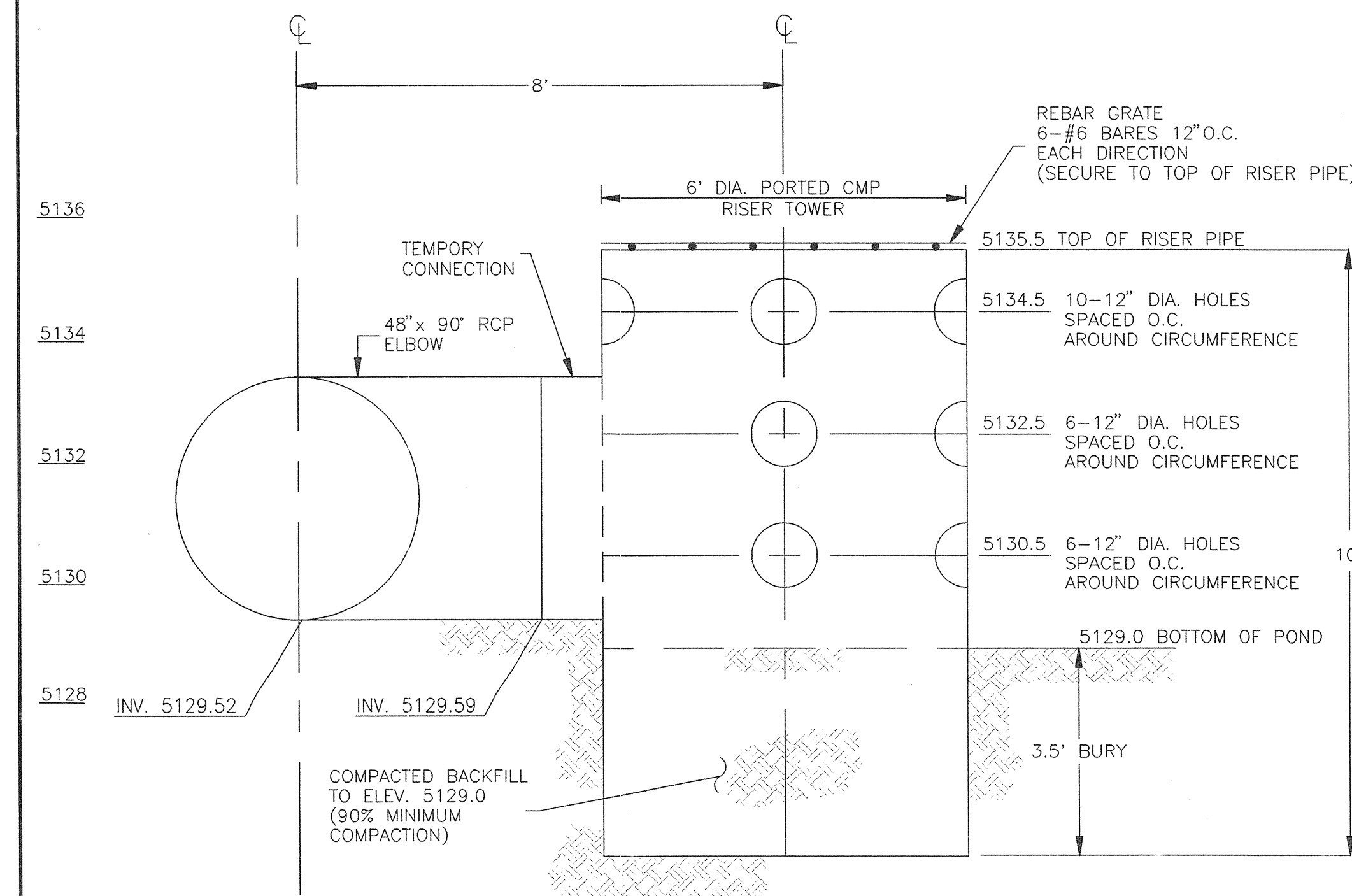
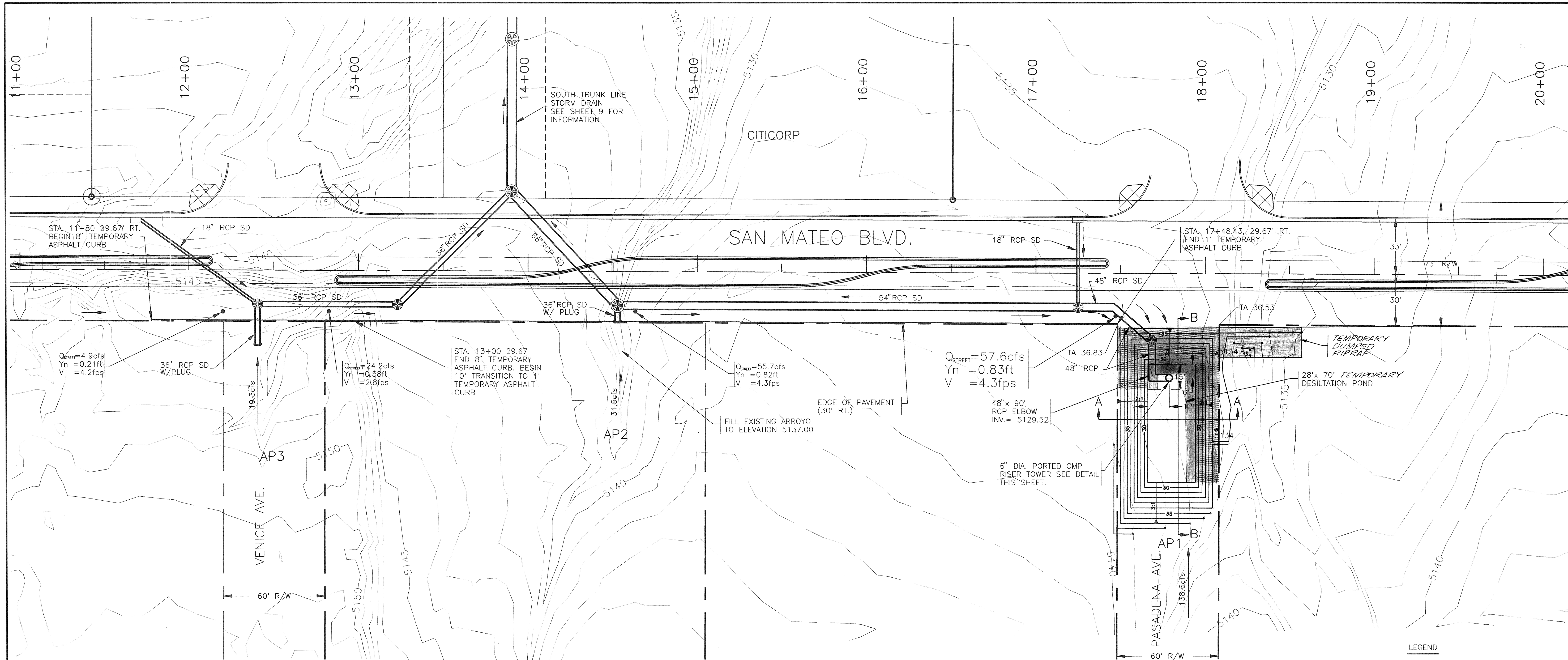
NOTES:

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- PROPOSED INLET
- PROPOSED STORM DRAIN
- PROPOSED PLUG
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS
- EXISTING OR BUILD BY OTHERS

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	USGLOS CAP CLOSING CORNER 1921, T1IN, R3E, S11, S12, CC, ELENA GALLEGOS GRANT	DATE	FIELD NOTES	DATE		
INSPECTOR	DATE	GEOGRAPHIC POSITION (NAD 27)	DATE	BY	DATE		
FIELD	DATE	N.M. STATE PLANE COORDINATES	DATE	NO.	NO.	REMARKS	BY
CORRECTED BY	DATE	X=399,799.073, Y=1,529,006.713	DATE			REVISIONS	
MICRO-FILM INFORMATION	DATE	ELEV = 5132.803	DATE			DESIGNED BY JAC	DATE 6/96
RECORDED BY	DATE		DATE			DRAWN BY TONYM	DATE 6/96
	DATE		DATE			CHECKED BY CWH	DATE 6/96



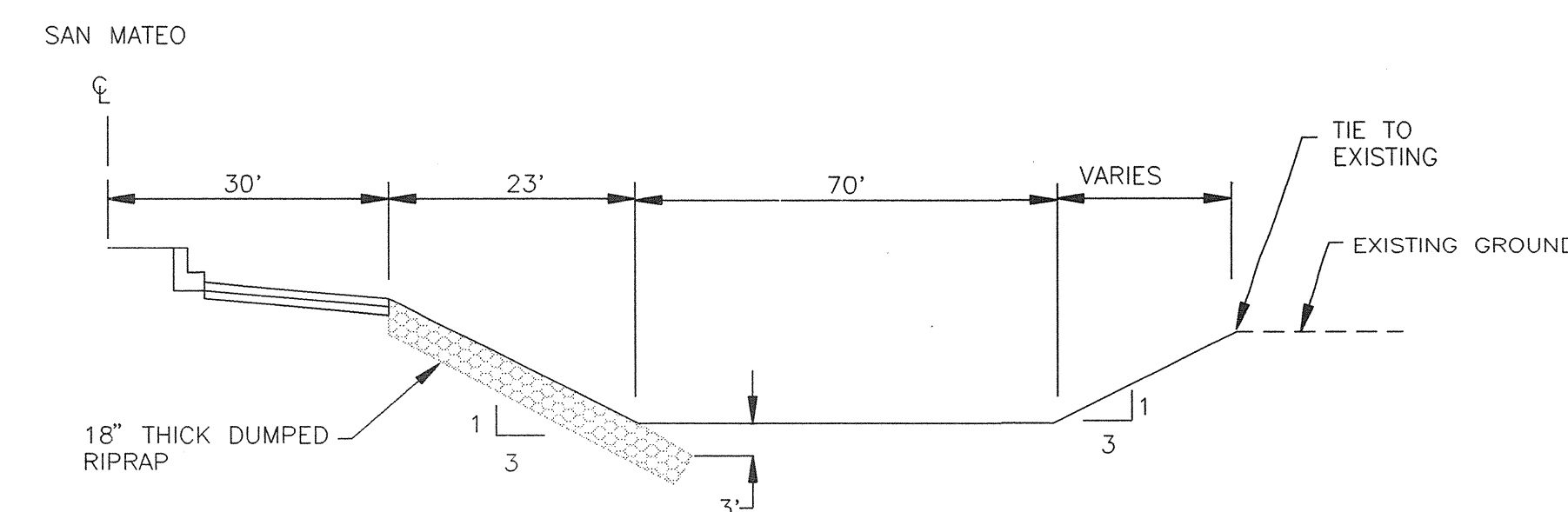
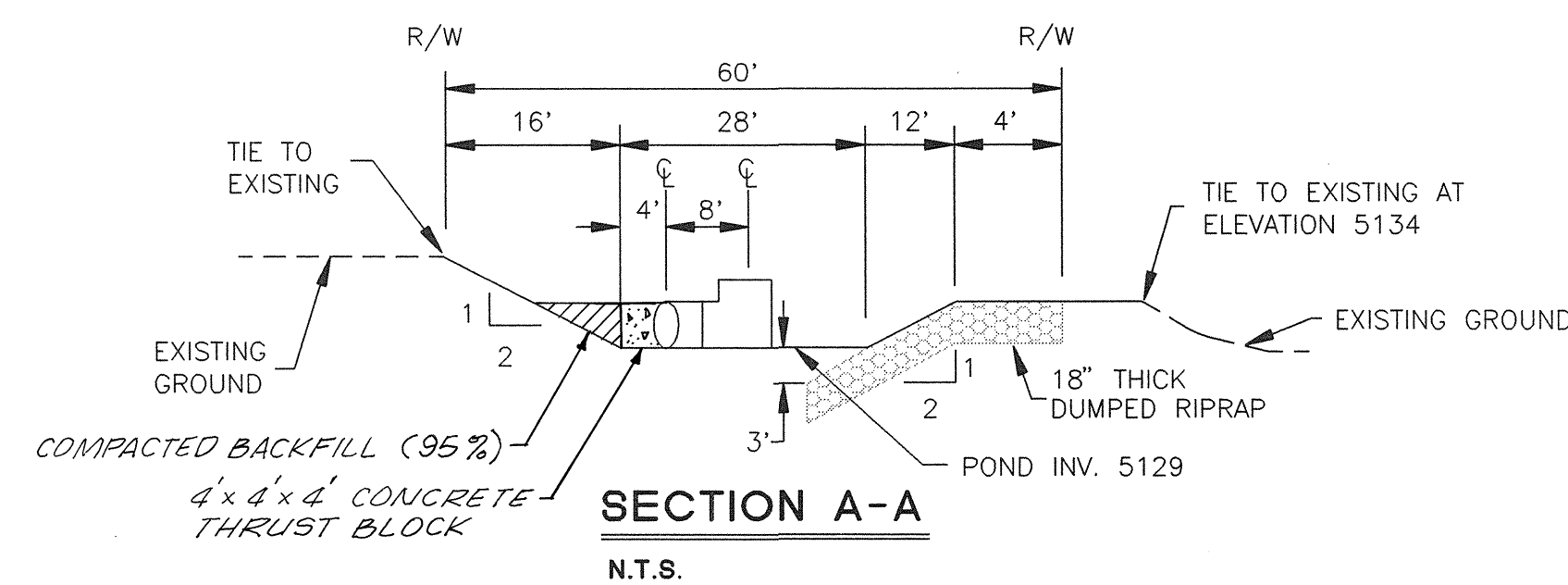
TEMPORARY PORTED CMP RISER TOWER DETAIL
N.T.S.

**TEMPORARY
DESILTATION POND DATA**

POND INV. = 5129
 RISER TOWER BOTTOM OPENINGS INV. = 5130
 SEDIMENT STORAGE VOLUME = 2196 cf (0.05ac-ft)
 TOP OF POND (ROADWAY) = 5136.5
 TOTAL VOLUME = 30,703 cf (0.70ac-ft)
 PEAK INFLOW = 196.2cfs
 MAX W.S. ELEVATION = 5136.4
 *ASSUMING HALF OF BOTTOM ROW OF OPENINGS ARE CLOGGED

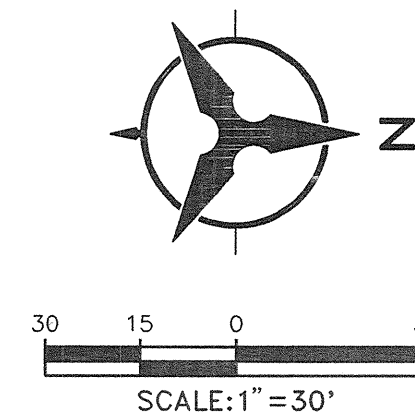
NOTES

1. ALL FLOW RATES REPRESENT 100 YEAR EXISTING CONDITIONS FLOWS UPSTREAM (EAST) OF SAN MATEO AND 100 YEAR DEVELOPED CONDITIONS FLOWS FOR SAN MATEO BLVD. (86' R/W). SEE CITICORP DRAINAGE REPORT (PLATE 2) FOR ADDITIONAL INFORMATION.
2. ALL RIPRAP ON SLOPES GREATER THAN 3:1 SHALL HAVE 85% FRACTURED FACES.



SECTION B-B
N.T.S.

- LEGEND**
- LIMITS OF DUMPED RIPRAP
 - FLOW DIRECTION IN STREET
 - FLOW DIRECTION IN STORM DRAIN
 - TA = TOP OF ASPHALT



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	NO.	BY	DATE	USGLOS CAP CLOSING CORNER 1921, T11N, R3E, S11, S12, CC.	CONTRACTOR	DATE	DATE
	NO.	BY	DATE	ELENA GALLEGO GRANT	INSPECTOR'S ACCEPTANCE BY	DATE	DATE
	NO.	BY	DATE	N.M. STATE PLANE COORDINATES (SURFACE)	MICRO-FILM INFORMATION	DATE	DATE

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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

CITICORP OFF-SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN
 UPSTREAM DRAINAGE MANAGEMENT PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

PROJECT NO. **546991**

ZONE MAP NO. **B-17**

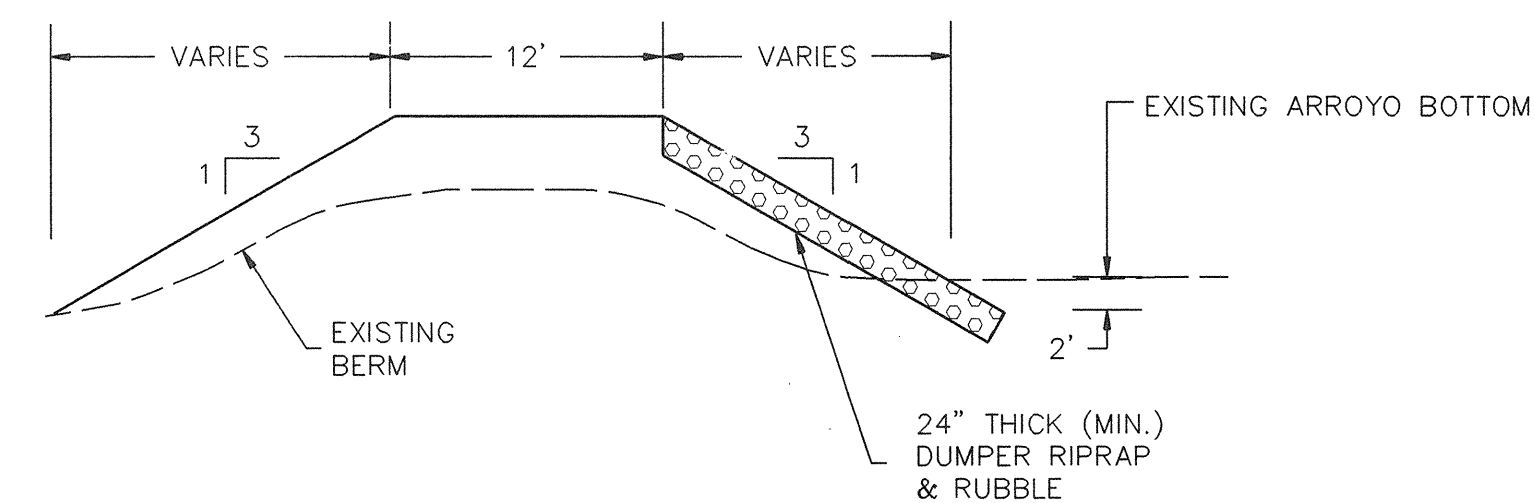
SHEET **12** OF **13**

NOTE: CONTOURS REPRESENT EITHER TO OF RUBBLE/RIPRAP OR FINISHED GROUND.

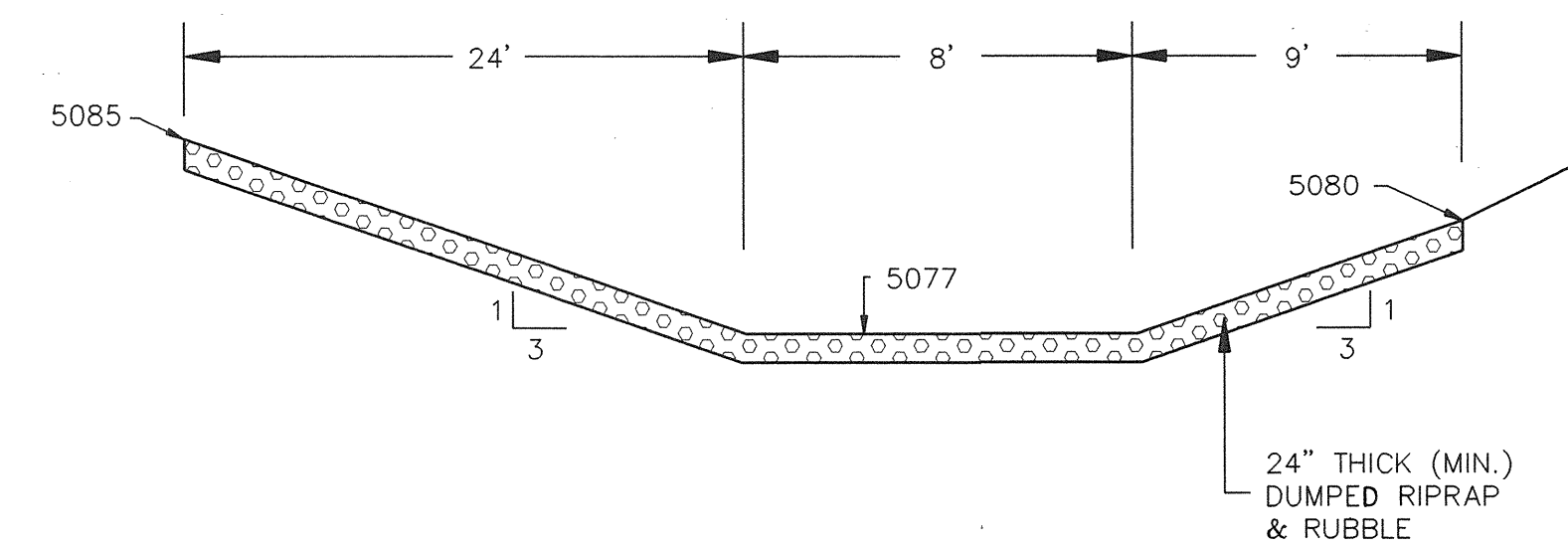
LEGEND

 LIMITS OF 24" THICK (MIN.) DUMPED RUBBLE OR RIPRAP

OUTLET ENERGY DISSIPATOR SITE PLAN
SCALE: 1" = 30'

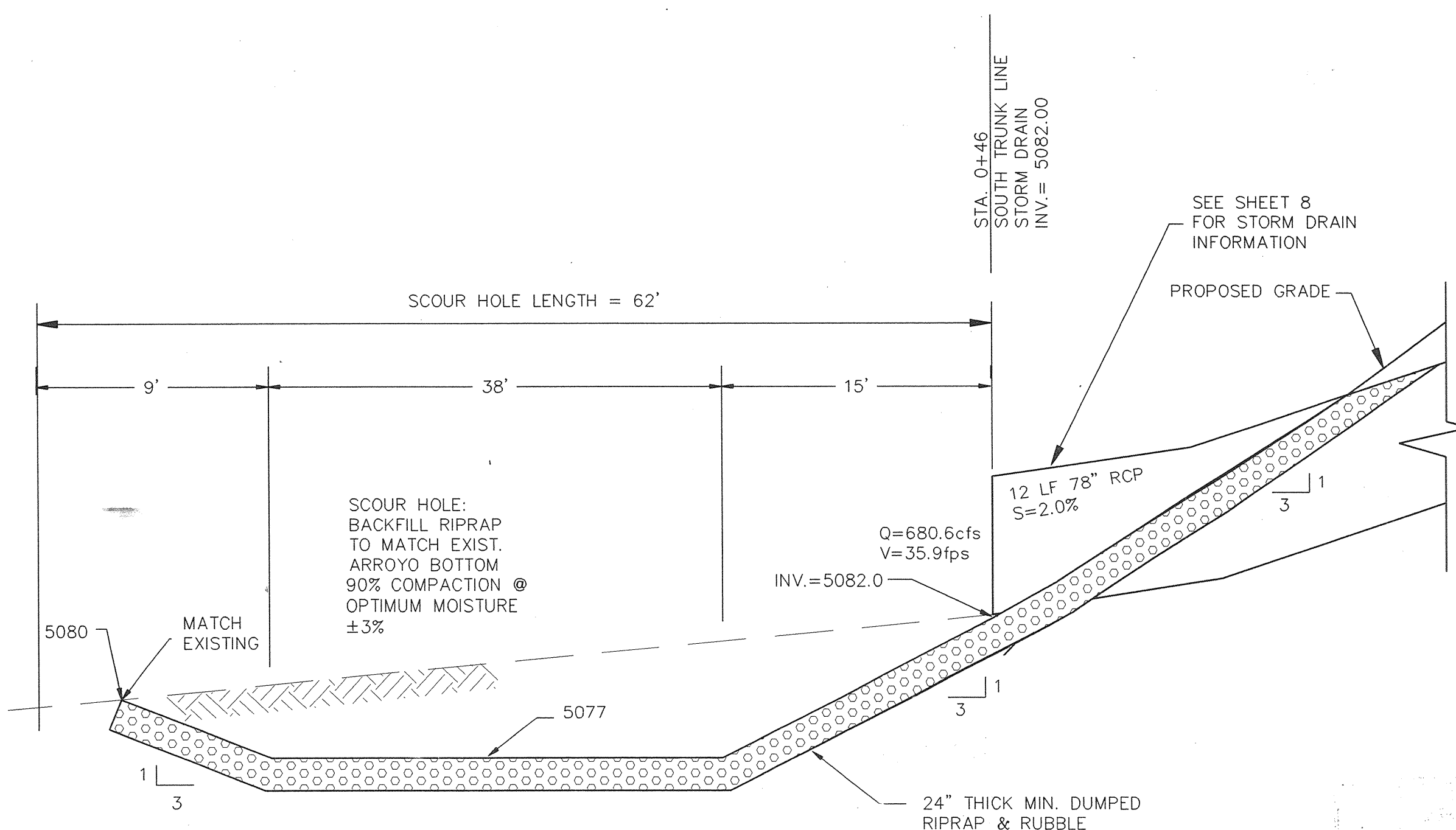


SECTION C-C
N.T.S.



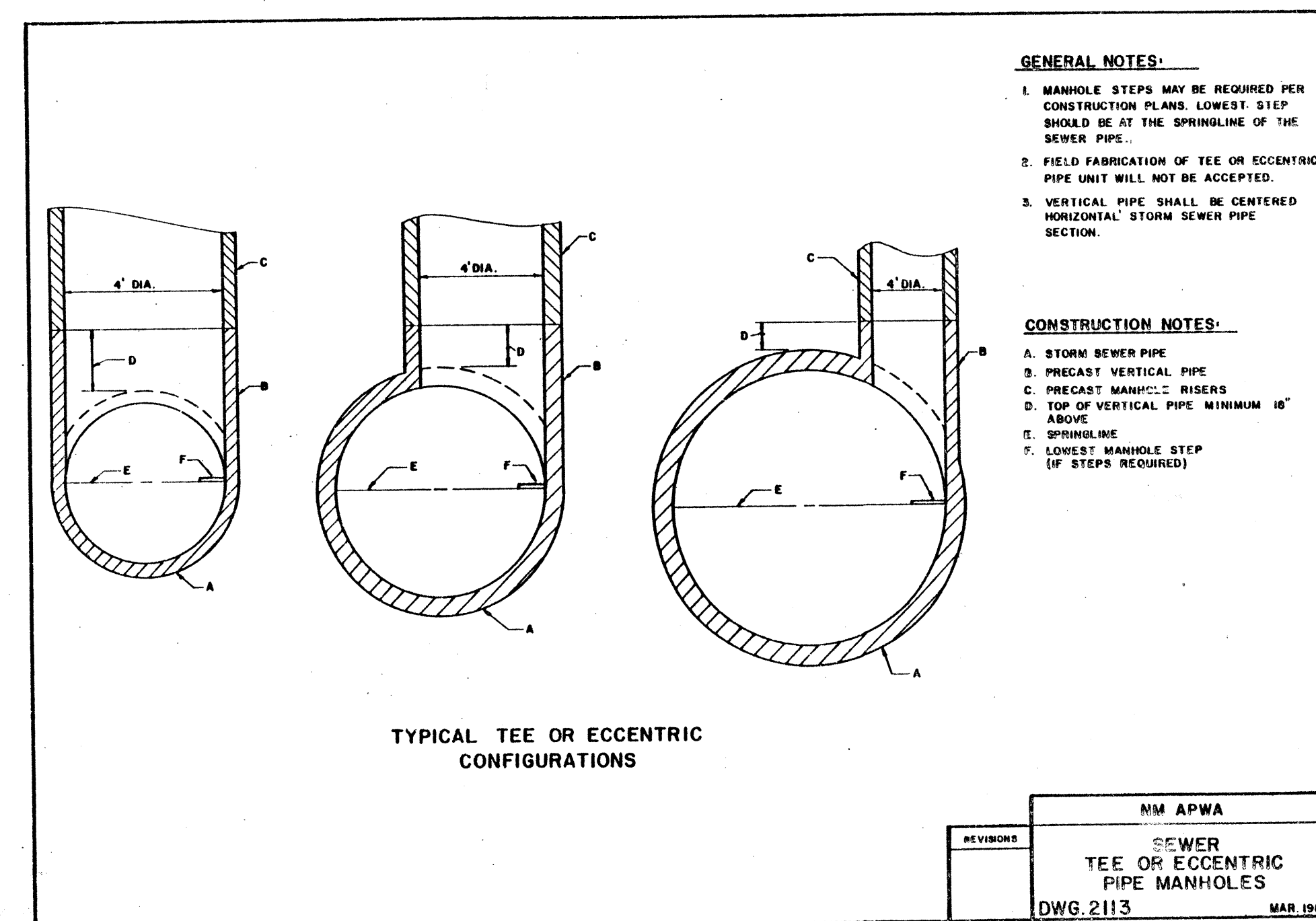
SECTION A-A
N.T.S.

NOTE: EXISTING RUBBLE ON SITE SHALL BE USED FOR
DUMPED RIPRAP RUBBLE.



SECTION B-B

STORM DRAIN OUTLET ENERGY DISSIPATOR
N.T.S.



TYPICAL TEE OR ECCENTRIC CONFIGURATIONS

GENERAL NOTES:

1. MANHOLE STEPS MAY BE REQUIRED PER CONSTRUCTION PLANS. LOWEST STEP SHOULD BE AT THE SPRINGLINE OF THE SEWER PIPE.
2. FIELD FABRICATION OF TEE OR ECCENTRIC PIPE UNIT WILL NOT BE ACCEPTED.
3. VERTICAL PIPE SHALL BE CENTERED HORIZONTAL STORM SEWER PIPE SECTION.

CONSTRUCTION NOTES:

- A. STORM SEWER PIPE
- B. PRECAST VERTICAL PIPE
- C. PRECAST MANHOLE RISERS
- D. TOP OF VERTICAL PIPE MINIMUM 18" ABOVE
- E. SPRINGLINE
- F. LOWEST MANHOLE STEP (IF STEPS REQUIRED)

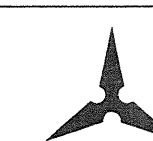
NM APWA

REVISION	SEWER TEE OR ECCENTRIC PIPE MANHOLES DWG. 2113
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MAR 19 1964

NOTES:

1. BEARING AND DISTANCE FROM PROJECT BENCHMARK TO B.O.P.(OUTFALL @ STA. 0+46) IS S49°50'43"W, 1661.75'.
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[illegible]

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ALBUQUERQUE LAS CRUCES SANTA FE



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:	CITICORP OFF-SITE INFRASTRUCTURE & COMMUNITY STORM DRAIN MISCELLANEOUS STORM DRAIN DETAILS
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DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
-------------------------	------------------------



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

CITY PROJECT NO. 54699

ZONE MAP NO.	SHEET	OF
B-17	13	13