

PAVING IMPROVEMENTS FOR

RIO VOLCAN APARTMENTS

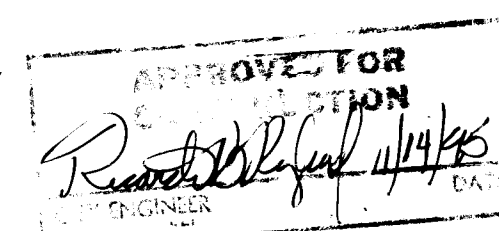
ALBUQUERQUE, NEW MEXICO
UNSER BLVD. & LADERA DR
JULY 1995

INDEX TO DRAWINGS

SHEET NO.	TITLE
1.	TITLE SHEET & INDEX TO DRAWINGS
2.	EAST MEDIAN OPENING & TURN LANE
3.	SANITARY SEWER CONNECTION
4.	SANITARY SEWER CONNECTION

APPROVAL OF AS BUILT DRAWINGS CHIEF CONSTRUCTION ENGINEER <i>[Signature]</i> DATE <u>3-26-96</u>

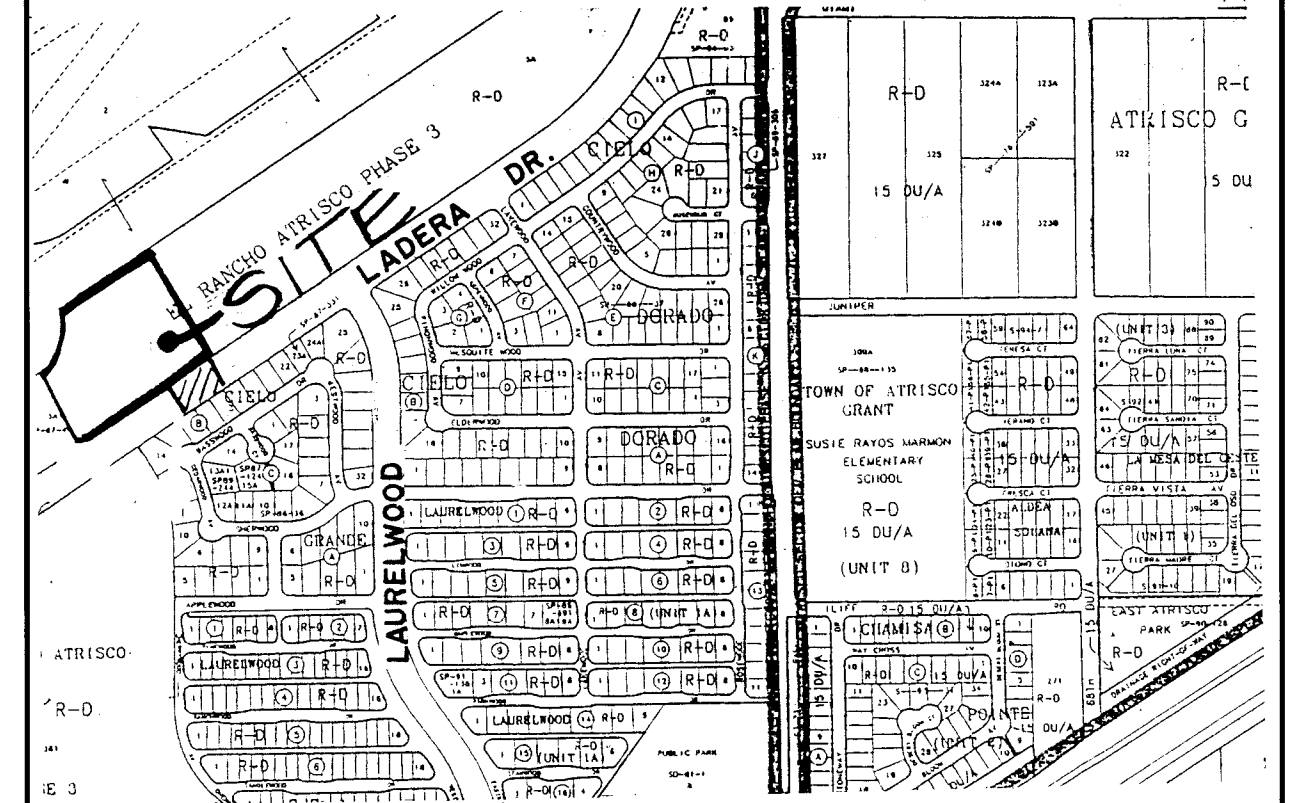
RECORD DRAWING	
DATE: <u>3-18-96</u>	DRAFTED BY: <u>Sharon Mize</u>
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TIERRA WEST DEVELOPMENT MANAGEMENT SERVICES 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592						
Δ	3 OF 4	Added RBP	11/14/95	10-23-95		
Δ	4 OF 4	Added RBP	11/14/95	10-23-95		
REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.

PROJECT NO. 5247.90

30\950008\9508T.DWG\JCS\7-13-95



VICINITY MAP

H-10

LEGAL DESCRIPTION:

TRACTS 5-A-1B
EL RANCHO ATRISCO

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 (UPDATE#5).
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (280-1990) 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 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 BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (788-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO 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 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.
- TWO (2) WORKING DAYS IN ADVANCE CONTRACTOR SHALL COORDINATE ANY WATER SHUT OFF WITH CITY OF ALBUQUERQUE WATER DEPT. CONTRACTOR IS NOT TO OPERATE ANY OF THE CITY VALVES.
- ALL UTILITY BACKFILL SHALL BE 90% ASTM D1557 ALL ROADWAYS AND SIDEWALKS. IN LANDSCAPE AREAS DENSITY MAY BE 90% OR GREATER.
- UTILITIES ARE DESIGNING THE DISTRIBUTION LAYOUT. SEE INDIVIDUAL UTILITY FOR LAYOUT, SIZE AND ROUTING TO INDIVIDUAL BUILDINGS.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN MARKED

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

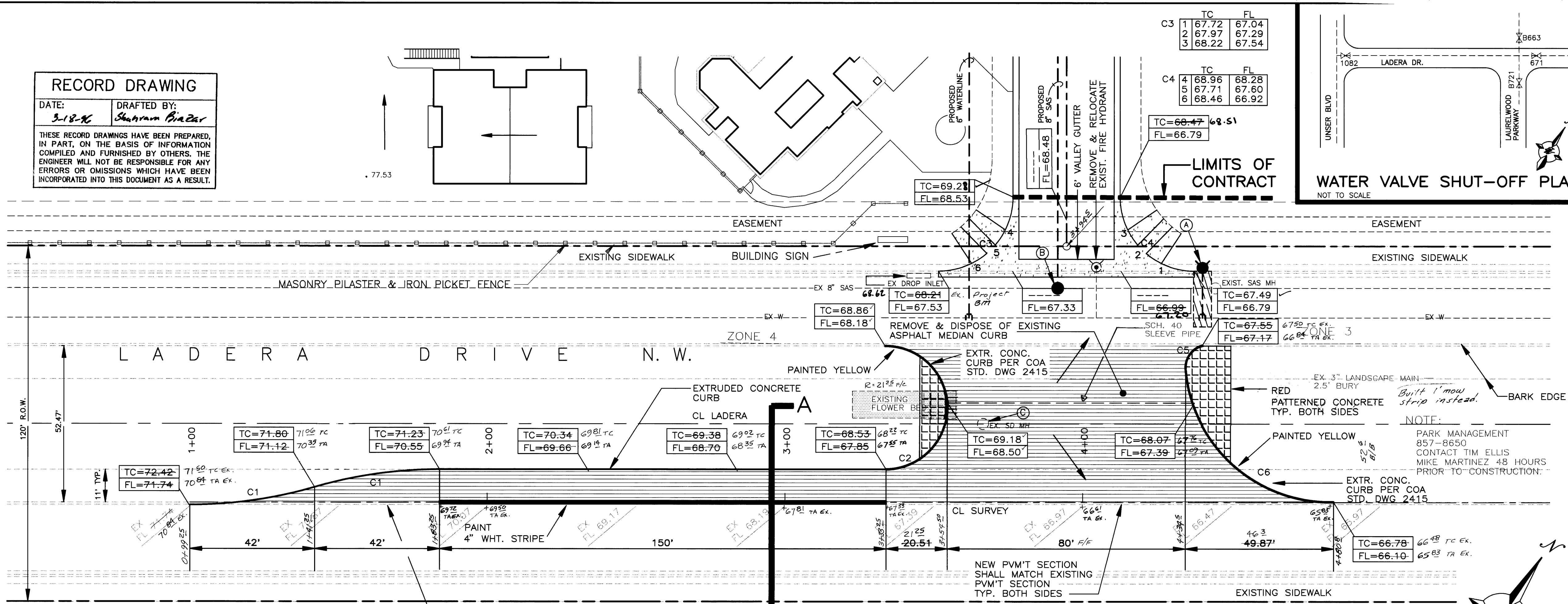
24-5247.90 10196

SHEET 1 OF 4

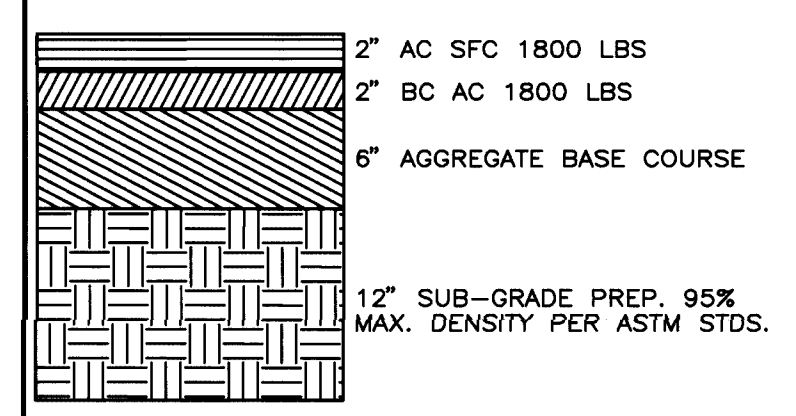
RECORD DRAWING

DATE: 3-18-96 DRAFTED BY: Shahram Biazar

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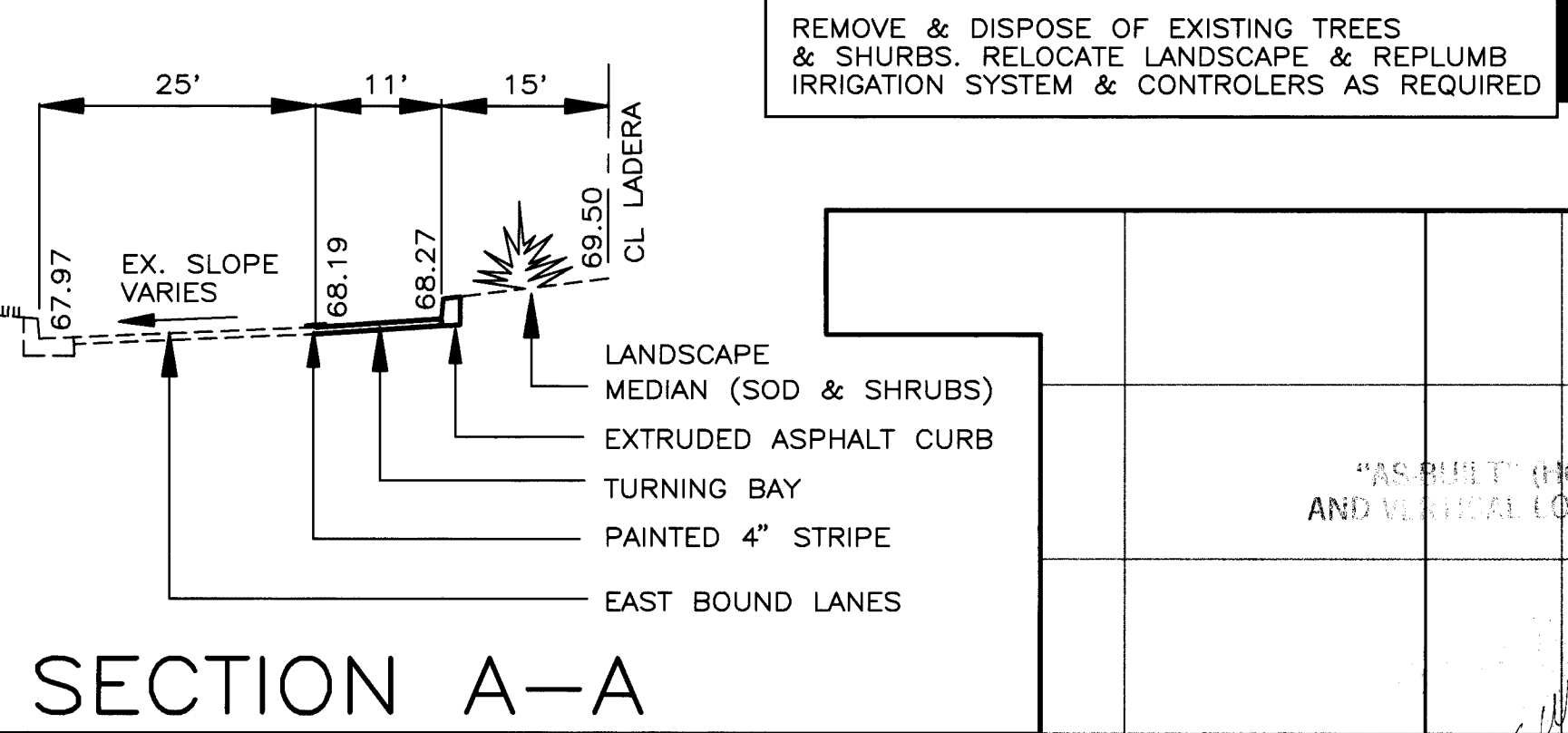


- ### GENERAL NOTES
- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 - CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
 - THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 - THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DTL. THIS SHT. AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
 - THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.

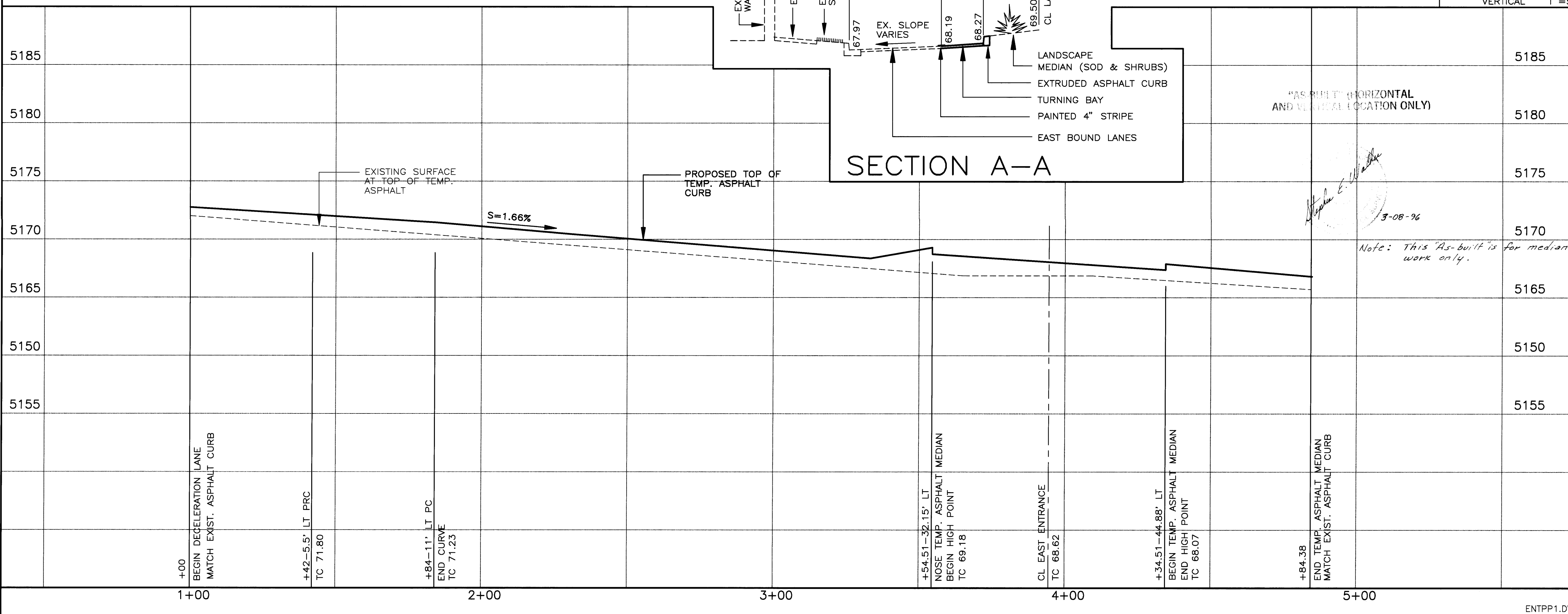


CURVE DATA

CURVE	RADIUS	LEN	DELTA	TAN
C1	150.00	42.57	16-15-38	21.43
C2	20.83	65.30	14-55-27	21.36
C3	25.00	39.27	90-00-01	25.00
C4	25.00	39.33	90-08-16	25.06
C5	7.30	10.84	85-04-49	6.70
C6	46.30	73.93	86-40-35	46.11



- SCALE: HORIZONTAL 1"=20' VERTICAL 1"=5'
- AS BUILT (HORIZONTAL AND VERTICAL LOCATION ONLY)
- 3-08-96
- Note: This "As-built" is for median work only.
- 24-5247.1910 0296
- APPROVED FOR ROUGH GRADING 1"± DATE
- TIERRA WEST DEVELOPMENT MANAGEMENT SERVICES
- 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592
- CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP
- TITLE: RIO VOLCAN APARTMENTS EAST MEDIAN OPENING & TURN LANE
- | APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|----------------|----------|------|-------------|----------|------|
| DRC CHAIRMAN | 8-8-95 | | WATER | | |
| TRANSPORTATION | 7-20-95 | | WASTE WATER | | |
| HYDROLOGY | 7-28-95 | | | | |
- DESIGNED BY: SPINELLO DATE: 6-95
DRAWN BY: SPINELLO DATE: 6-95
CHECKED BY: RRB DATE: 6-95

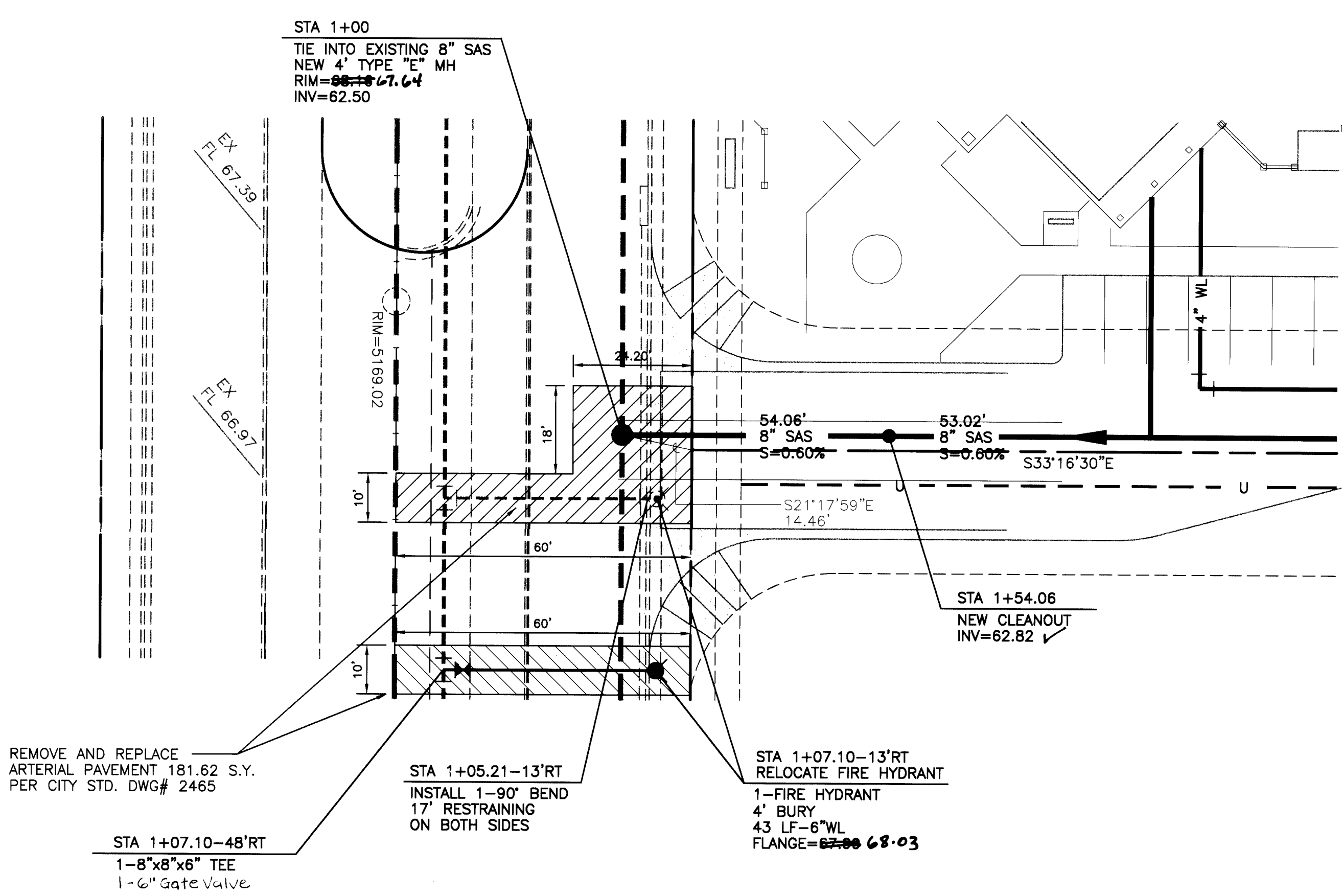


REVISIONS

NO.	DATE	REMARKS
1		DESIGN

PROJECT NO. 5247.90 MAP NO. H-10 SHEET 2 OF 4

SCANNED BY LASON



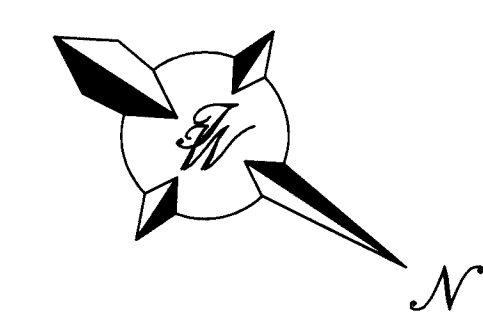
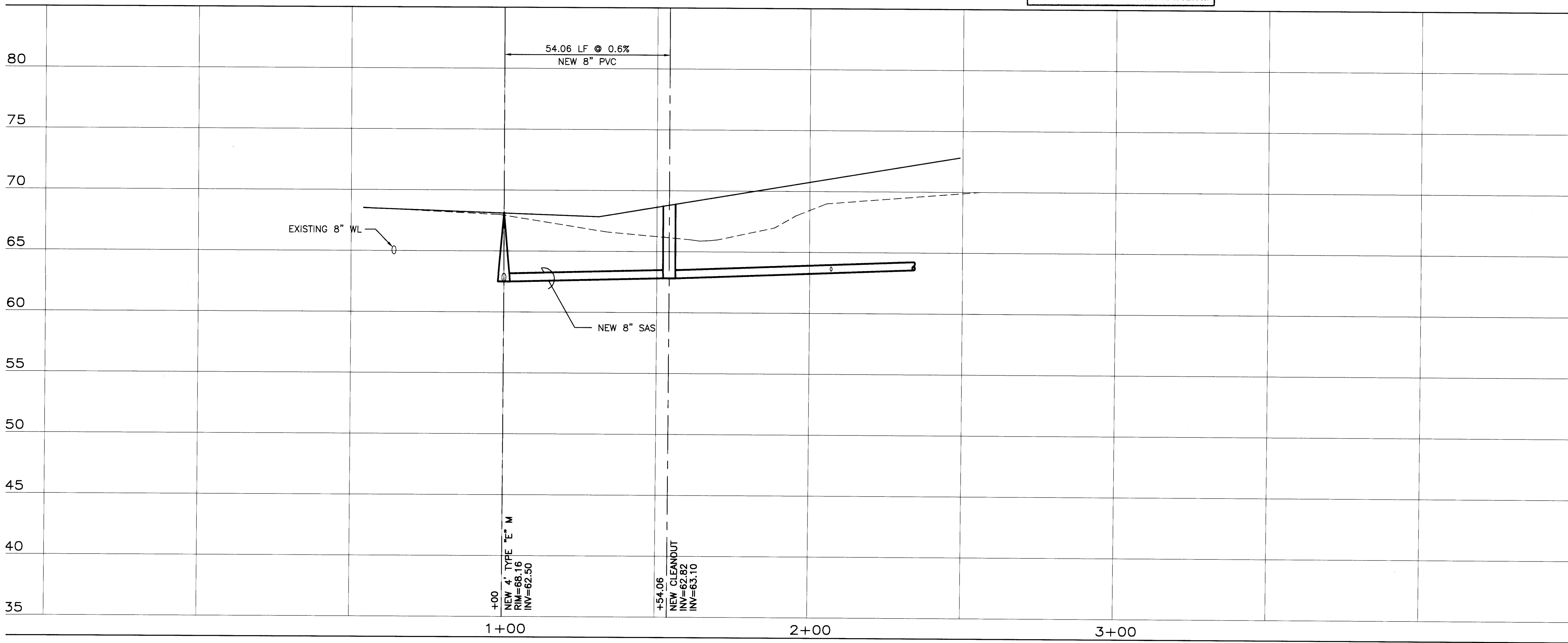
FOR CLEANOUT DETAILS
SEE SHEET C9, DETAIL 26.

RECORD DRAWING

DATE:
3-18-96

DRAFTED BY:
3-18-96

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24-5247.90 0396

SCALE: HORIZ. 1"=20'
VERT. 1"= 5'

TIERRA WEST DEVELOPMENT MANAGEMENT SERVICES 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592				
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
TITLE: RIO VOLCAN APARTMENTS SANITARY SEWER CONNECTION LADERA DRIVE				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
DRC CHAIRMAN			WATER	
TRANSPORTATION			WASTE WATER	
HYDROLOGY				
PROJECT NO.	5247.90	MAP NO.	H-10-Z	SHEET 3 OF 4

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	WORK
	NO.				
				ACS "3-H10"	CENTRAL STATION DATA
				NM STATE PLANE COORDINATES	
				CENTRAL ZONE	
				X=356889.72	
				Y=1493922.98	
				G-G=0.99967504	
				Δ=-00'16.31"	
				ELEV=5193.38	

MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

10-20-96

10-20-96

NO. DATE

REMARKS

DESIGN

DESIGNED BY

DRAWN BY

CHECKED BY

DATE

DATE

DATE

STA 0+64.10 @ 35.79' RT
TIE INTO EXISTING 8" WL
1-8"x8"x8" TEE
RESTRAINING:
7' ON THE RUN
5' ON THE BRANCH
1-8" Gate Valve

STA 1+00
TIE INTO EXISTING 8" SAS
INSTALL 1-8"x8"x6" TEE
INV=70.78

STA 1+97.97
NEW CLEANOUT
INV=71.81

STA 1+44.49-20' LT
INSTALL 1-6"x6"x2" TEE
RESTRAINING:
4' ON THE RUN
7' ON THE BRANCH

FOR CLEANOUT DETAILS
SEE SHEET C9, DETAIL 26.

REMOVE & REPLACE
ARTERIAL PAVEMENT 120.49 SY.
PER CITY STD. DWG# 2465

STA 1+09.40-35.79' RT
1-(8'x 9.33') METER PIT
TOP ELEV= 76.35
BUILD PER CITY STD. DWG. 2370
4' x 8' COMPOUND METER

STA 1+17.75-35.79' RT
INSTALL 1-8"x6" REDUCER
RESTRAINING:
25' ON LARGE SIDE
33' ON SMALL SIDE

STA 1+33.56-20' RT
INSTALL 1- 90° BEND
17' RESTRAINING
ON BOTH SIDES

STA 1+33.56-35.79' RT
INSTALL 1- 90° BEND
17' RESTRAINING
ON BOTH SIDES

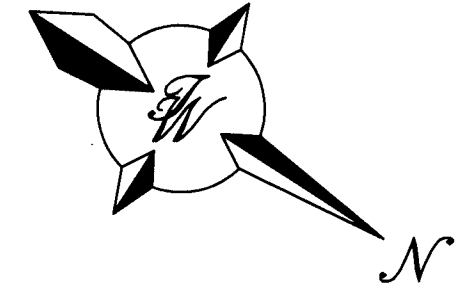
RECORD DRAWING

DATE: 3-18-96 DRAFTED BY: Shahram Bazar

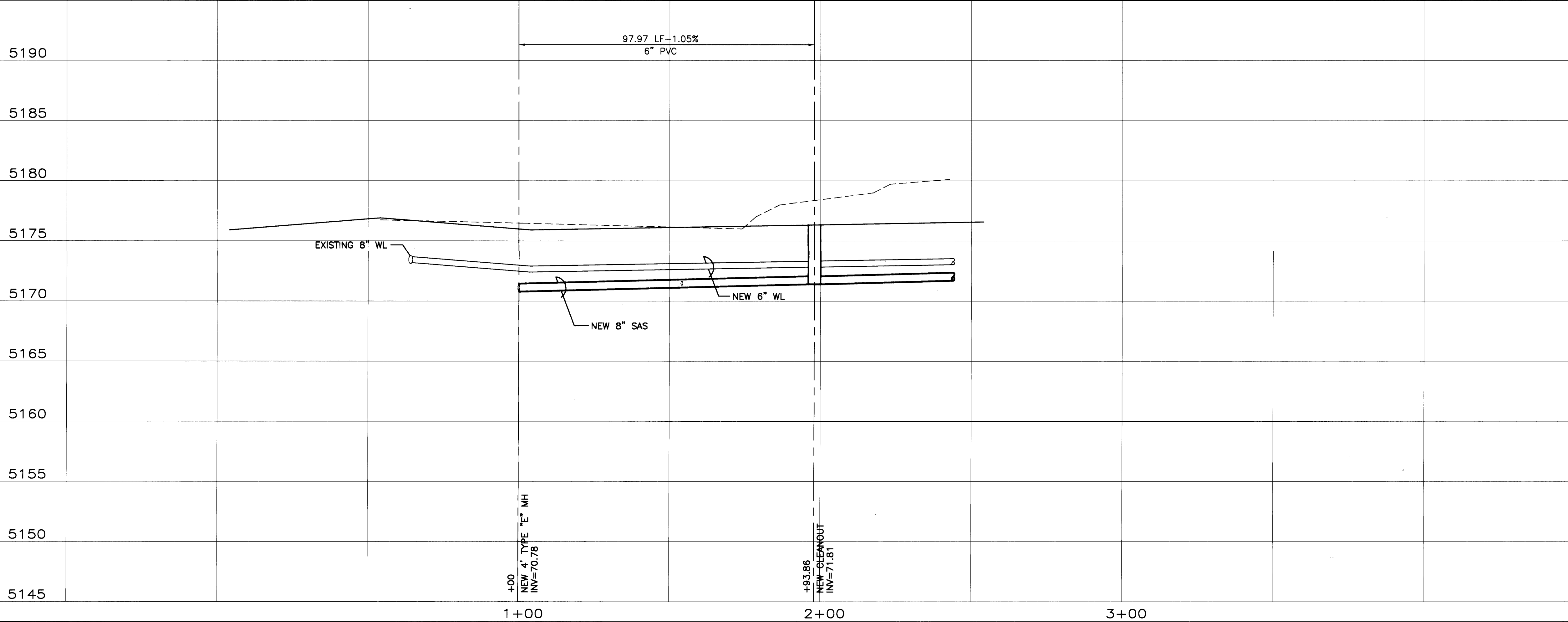
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WATER VALVE SHUT-OFF PLAN

VALVES TO SHUT OFF: 1082, B663, 671, & B721
NOT TO SCALE



SCALE: HORIZ. 1"=20'
VERT. 1"= 5'



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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
TITLE: RIO VOLCAN APARTMENTS SANITARY SEWER CONNECTION LADERA DRIVE				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
DRC CHAIRMAN			WATER	
TRANSPORTATION			WASTE WATER	
HYDROLOGY				
PROJECT NO. 5247.90		MAP NO. H-10-Z		SHEET 4 OF 4