

OPPORTUNITY AVENUE SE. & LA VARA DRIVE SE. WATERLINE

INDEX

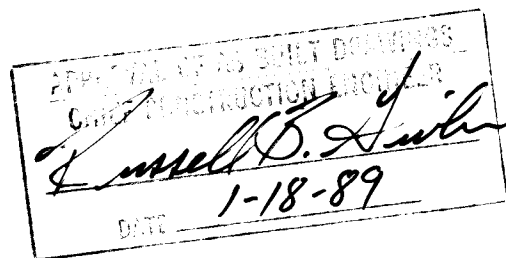
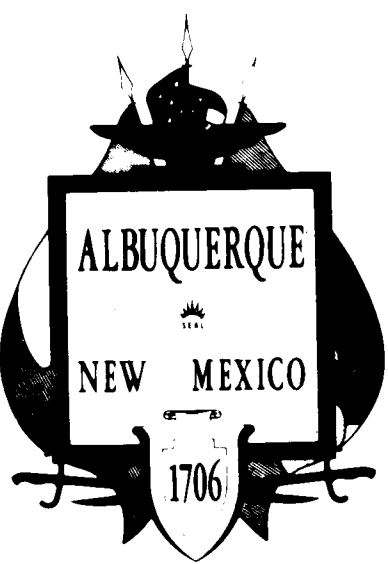
DESCRIPTION

TITLE SHEET, INDEX, AND GENERAL NOTES
WATERLINE PLAN & PROFILE
OPPORTUNITY AVENUE SE.
LA VARA DRIVE SE.
TRAFFIC CONTROL

SHEET No.

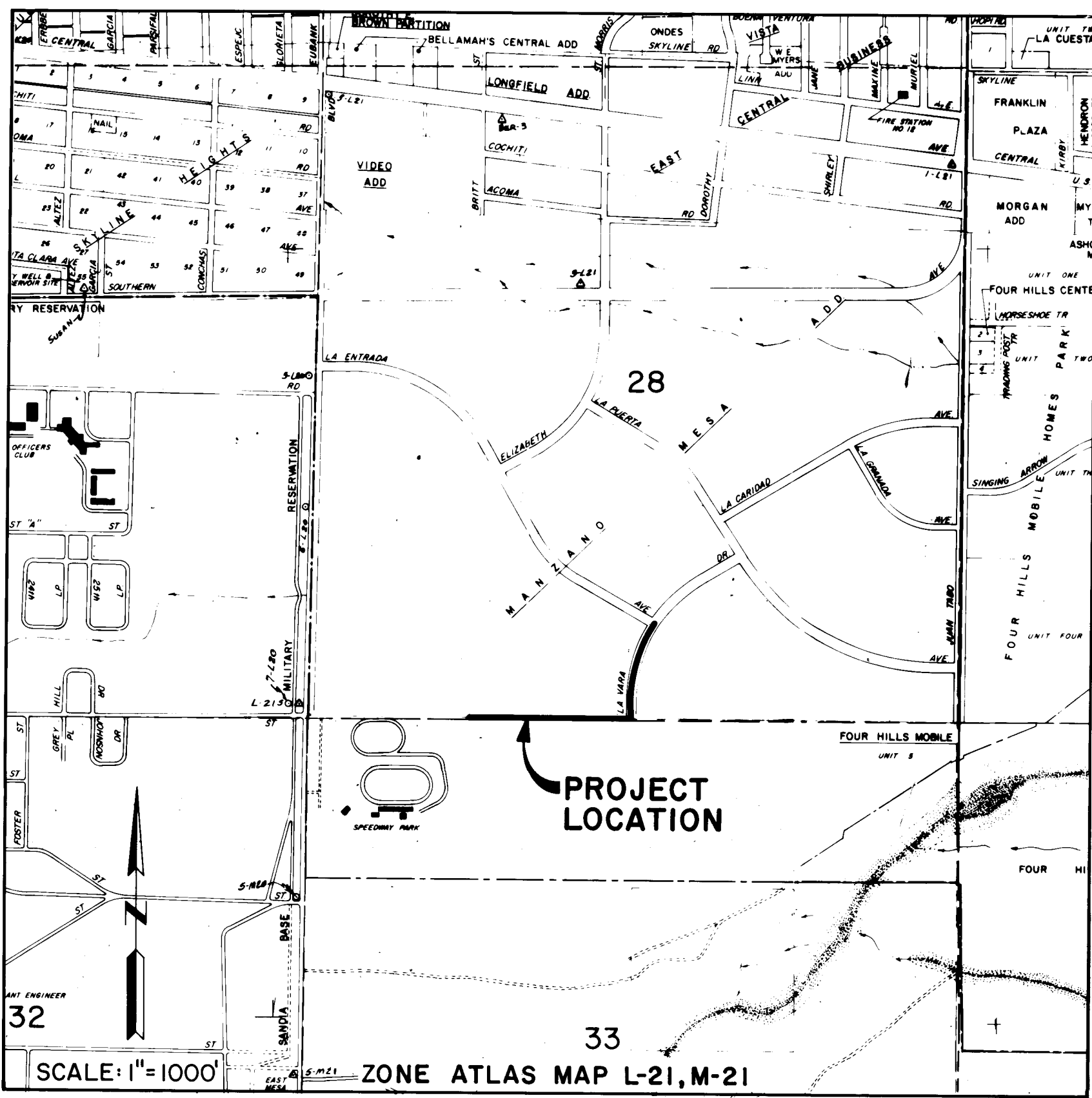
1
2
3
4 & 5

CITY OF ALBUQUERQUE
NEW MEXICO



1 2 3 4 5 6 7 8 9 10 11 12
26 34540189

SET NUMBER



VICINITY MAP

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT, 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, INCLUDING, BUT NOT LIMITED TO, SECTION 19, CONSTRUCTION TRAFFIC CONTROL.
- REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE 12" SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT.
- SUBGRADE PREPARATION UNDER CURB AND GUTTER (INCLUDING ONE FOOT BEHIND BACK OF CURB, UNDER VALLEY GUTTER, UNDER CONCRETE MEDIAN PAVEMENT AND SIDEWALKS) SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID ITEM PRICE FOR SUCH ITEMS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW TO EXISTING. NO SEPARATE PAYMENT SHALL BE MADE OF SUCH CUTTING OF EXISTING PAVEMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. CUTTING OF PAVEMENT SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS.
- ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT.
- ALL FITTINGS ON WATERLINES SHALL HAVE CONCRETE BLOCKING EXCEPT WHERE SPECIFICALLY INDICATED TO HAVE LOCKED MECHANICAL JOINTS. SEE STANDARD DRAWING 2320. NO SEPARATE PAYMENT WILL BE MADE FOR BLOCKING OR FOR LOCKED MECHANICAL JOINTS.
- ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION. NO SEPARATE PAYMENT WILL BE MADE FOR ELECTRONIC MARKER DISCS.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- ALL FIRE HYDRANTS SHALL HAVE 3' X 3' CONCRETE PAD. SEE STANDARD DRAWING 2340.

REV	SHEETS	CITY ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS									

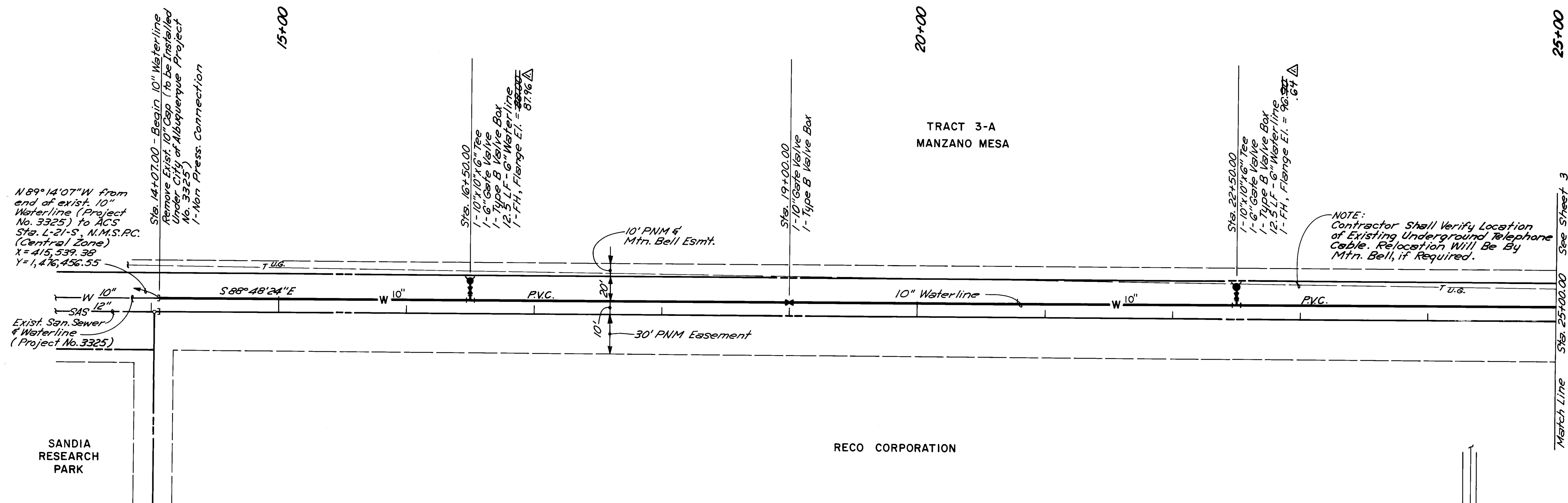


ENGR'S FILE No. 86-458

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

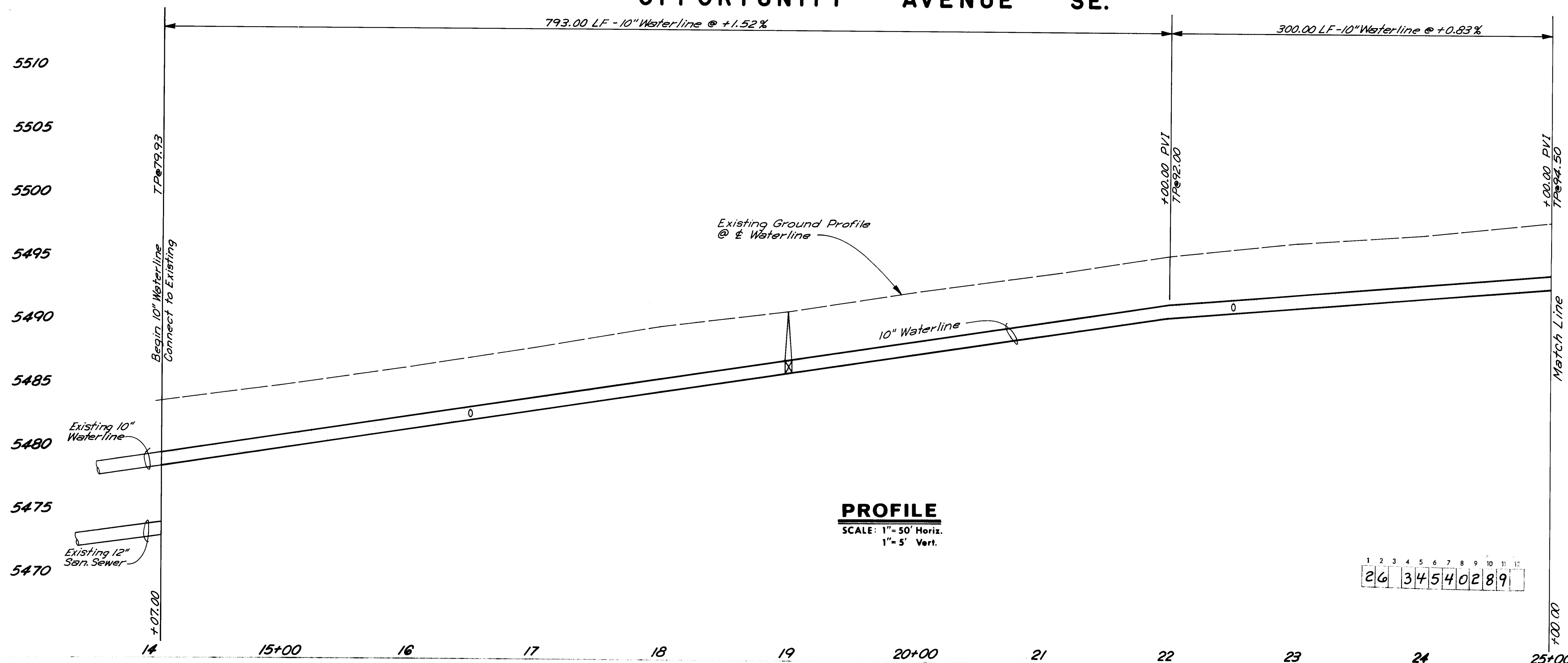
3454

APPROVED FOR
CONSTRUCTION
CITY ENGINEER DATE
3/24/88
SHEET 1 OF 5



PLAN
SCALE: 1" = 50'

OPPORTUNITY AVENUE SE.



PROFILE
SCALE: 1" = 50' Horiz.
1" = 5' Vert.

VALVE SHUT-OFF PLAN
NO SCALE

5510
5505
5500
5495
5490
5485
5480
5475
5470

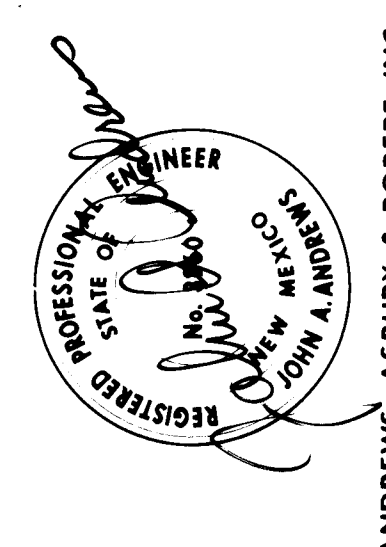
**OPPORTUNITY AVE. SE. & LA VARA DR. SE.
WATERLINE
PLAN & PROFILE**

Handwritten notes and signatures:
2/26/88
2/26/88
1/14/88
2/26/88

3454 L-21,M-21 2 5

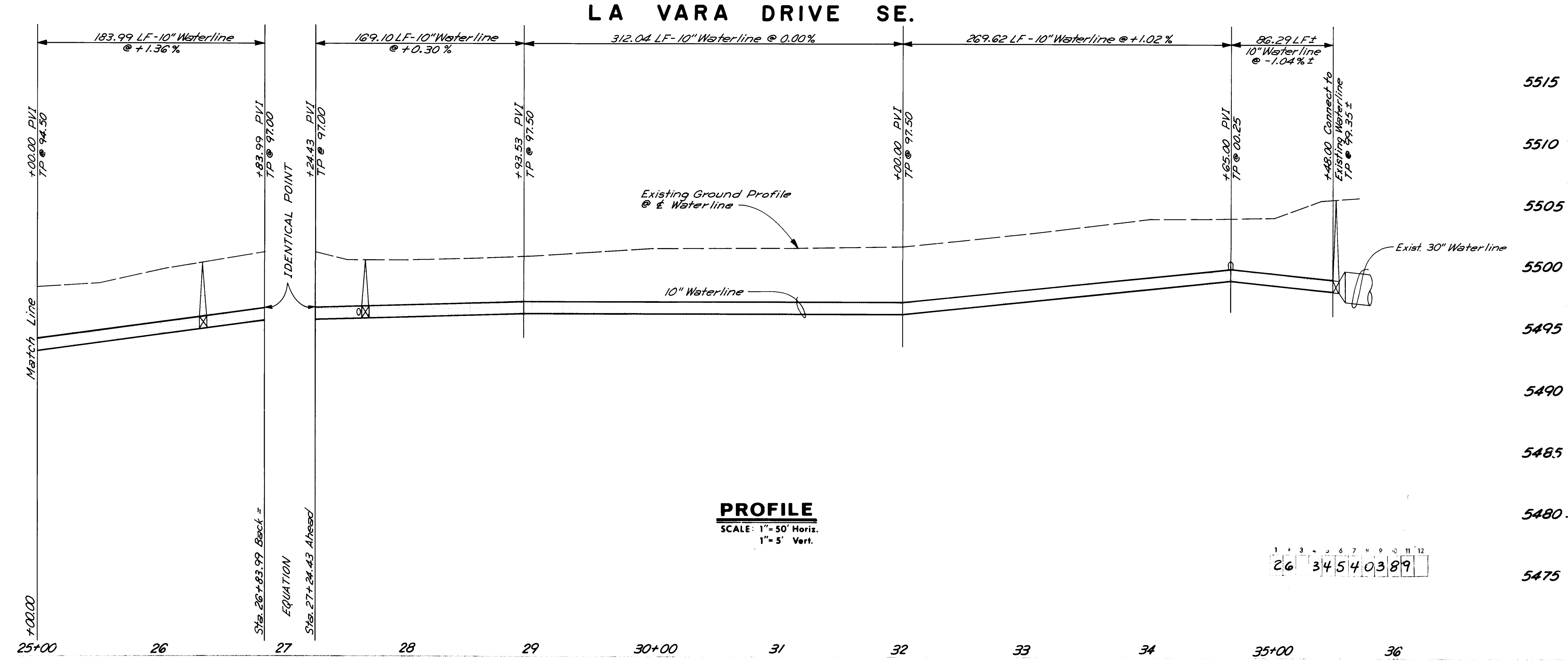
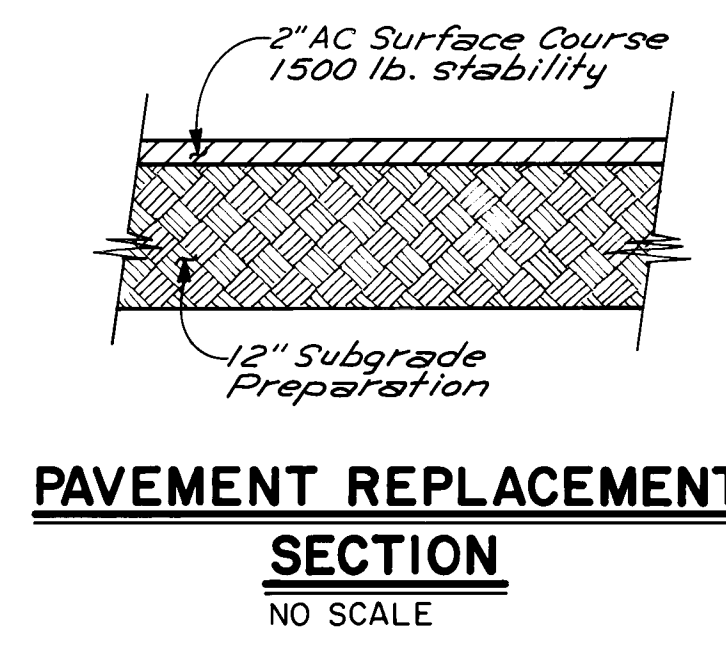
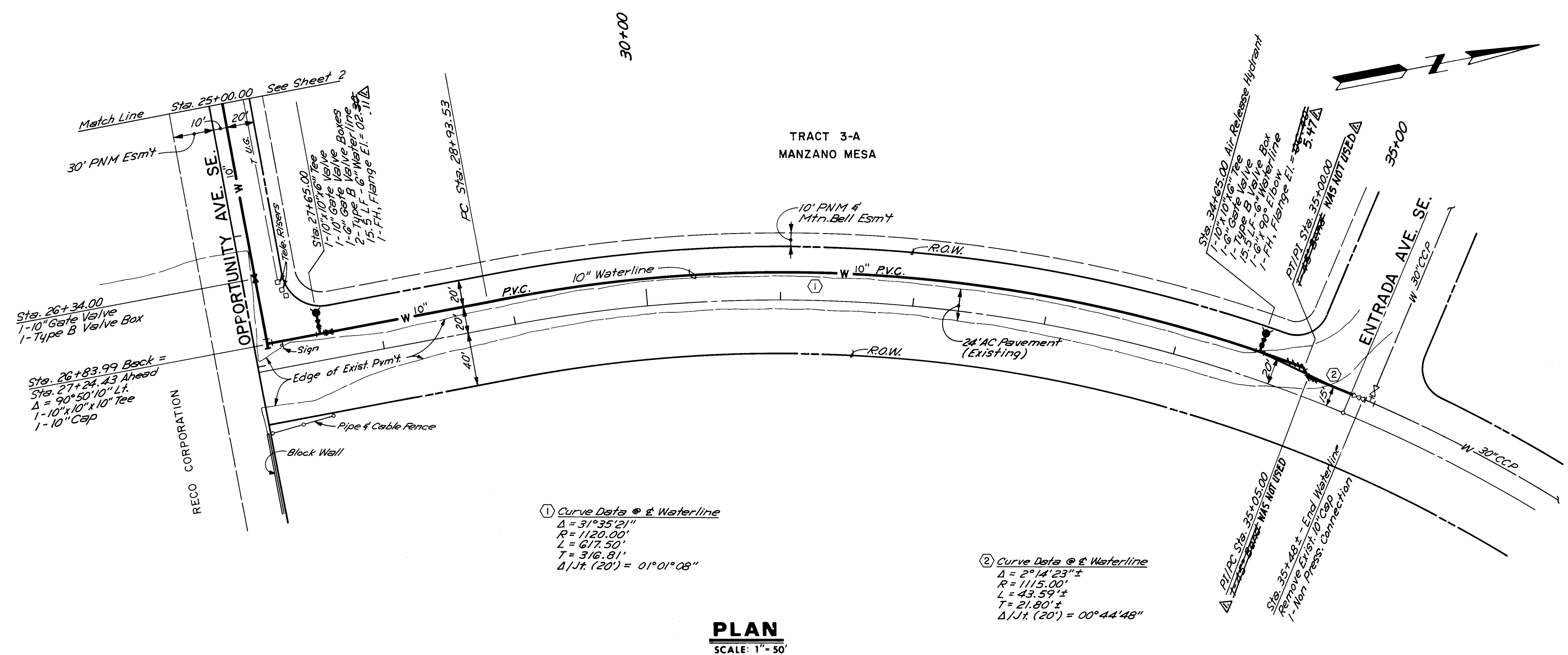
- NOTES:
1. NO DEFLECTION AT JOINTS SHALL BE ALLOWED ON PVC LINES. DEFLECTIONS SHALL BE MADE IN THE PIPE BARREL.
 2. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (823-4200) FOR EXECUTION OF THE WATER SHUT OFF PLAN NOT LESS THAN TWO (2) WORKING DAYS PRIOR TO ANY WORK WHICH MAY AFFECT EXISTING UTILITIES.

"STA. L-21 S"
ELEVATION 5471.78
BRASS TABLET SET IN TOP OF CONCRETE POST 0.3 FT. BELOW GROUND. LOCATED 1 MILE SOUTH OF CENTRAL AVENUE AND 30 FEET WEST OF EUBANK BOULEVARD, S.E.



1-1789 Revised from as built information
1-88
1-88
1-88
J.M.
J.A.

PRIDE
C.O.A.
R. Garcia
EN



OPPORTUNITY AVE. SE. & LA VARA DR. SE. WATERLINE
PLAN & PROFILE

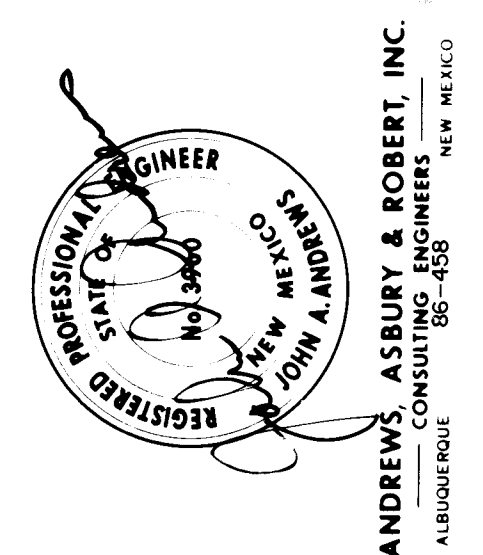
3454 L-21,M-21 3 5

1/89 Revised from as-built information EN

1/88 JM

1/88 JA

1/89



ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE, NEW MEXICO

"STA. L-21 S"
BRASS TABLET SET IN TOP OF CONCRETE POST 0.3 FT. BELOW GROUND. LOCATED 1 MILE SOUTH OF CENTRAL AVENUE AND 30 FEET WEST OF EUBANK BOULEVARD, S.E.

Pride
C.O.A.
R. GARCIA
EN

1/89

ROAD
CONSTRUCTION
AHEAD

W20-1

A

LEFT
LANE CLOSED
AHEAD

W20-5L

E

W20-7a

I

CENTER
LANE CLOSED
AHEAD

W20-5C

M

BUMP

W8-1

Q

R3-1

U

DETOUR

M4-9R

Y

RIGHT
LANE CLOSED
AHEAD

W20-5R

B

W4-2L

F

W6-3

J

W12-1

N

ROAD
NARROWS

W5-1

R

DETOUR

M4-9L

Z

W4-2R

C

LEFT TWO
LANES CLOSED
AHEAD

W20-5LL

G

W1-4L

K

ROAD
CLOSED
AHEAD

W20-3

O

ROAD
CLOSED

R11-2

W

W1-7

AA

RIGHT TWO
LANES CLOSED
AHEAD

W20-5RR

D

ONE
LANE ROAD
AHEAD

W20-4

H

W1-4R

L

DETOUR
AHEAD

W20-2

P

ROAD CLOSED
TO
THRU TRAFFIC

R11-4

X

DETOUR

W1-6

BB

KEEP
RIGHT

R4-7a

S

R3-2

T

MINOR STREET ONLY

MID BLOCK
MINOR STREET ONLY

TYPICAL STREET CLOSURE PLANS
NO SCALE

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10 FOOT LANE	11 FOOT LANE	12 FOOT LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND

- BARRICADE - BARREL
- ┃ SIGN
- H VERTICAL PANEL
- ┃ BARRICADE - TYPE III
- L DISTANCE BETWEEN ADVANCE SIGNS - A
DISTANCE MEASURED IN FEET EQUAL TO
TEN TIMES THE SPEED LIMIT.
- S SPACING BETWEEN BARRICADES - MAXIMUM
SPACING TO BE A VALUE MEASURED IN FEET
EQUAL TO THE SPEED LIMIT.
- T TANGENT LENGTH EQUALS TAPER LENGTH
AS SHOWN IN SCHEDULE.

ENGINEER'S SEAL

ENGINEERING DIVISION

AS BUILT INFORMATION

CONTRACTOR

WORK

STARTED BY

DATE

ACCEPTANCE BY

DATE

FIELD

DATE

REVISIONS

NO.

DATE

DESIGNED BY

DATE

DRAWN BY

DATE

CHECKED BY

DATE

CITY OF ALBUQUERQUE

MUNICIPAL DEVELOPMENT DEPARTMENT

ENGINEERING DIVISION

OPPORTUNITY AVE. SE. & LA VARA DR. SE.

WATERLINE

TRAFFIC CONTROL

APPROVALS

ENGINEER

DATE

APPROVALS

ENGINEER

DATE

City Engineer

2/26/88

Liquid Waste

2/26/88

A.C.E. Design

2/26/88

Traffic

2/26/88

A.C.E. Hydrology

2/26/88

Water

2/26/88

DRAWING NO.

3454

MAP NO.

L-21, M-21

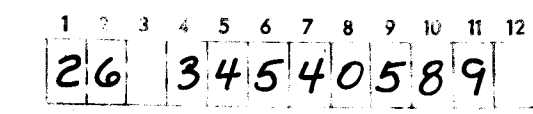
SHEET

4

OF

5

88-1



88-1