

A) 0.1 ACRE, 10% IMPERVIOUS  
C = 0.00 (PER PLATE 00.0 G-1, DPM)  
RA = 0.00 (PER 00.0 D-1)  
: = 0.00 IN/HR (PER 00.0 D-2)

TREBUTARY AREA (A)  
072 ACRES  
CU HYDROLOGIC GROUP A

U  
Z  
  
I-  
W  
W  
W  
V  
I-  
S  
  
C  
Z  
O  
A

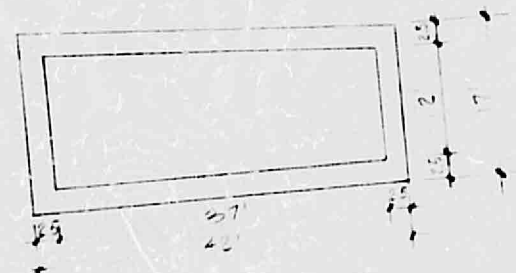
$$\begin{array}{r} \textcircled{1} \quad 90 - 30 = 60 \\ \textcircled{2} \quad 60 + 30 = 90 \\ \textcircled{3} \quad 90 - 30 = 60 \\ \textcircled{4} \quad 60 + 30 = 90 \end{array}$$

POND SIZE

AREA (POND TOP) =  $\frac{11+12}{2} \times 42 = 777 \text{ m}^2$

AREA (POND BOTTOM) =  $\frac{12+15}{2} \times 37 = 499.5 \text{ m}^2$

VOL =  $\frac{1}{6} [777 + 499.5 + 4(777)(499.5)] = 791.5 \text{ m}^3 > 760 \text{ m}^3$



The diagram is a detailed engineering plan view of a road improvement project on Lomas Blvd. Key elements include:

- Stationing:** Elevation markers along the centerline range from EL 5658 at the top left to EL 5917 at the bottom left.
- Proposed Construction:**
  - A "WOOD FENCE" section near the top left.
  - "SURFACE GRAVEL" area indicated by a dashed line.
  - "WIRE FENCE" and "BLOCK WALL" sections further down.
  - "CONSTRUCT 8\" C. CUT OFF WALL" note pointing to a specific location.
  - "#3 REBAR" specifications are shown at several points along the alignment.
- Existing Features:**
  - "EXISTING ASPHALT CURB TO REMAIN" with a callout for "THC 6'108 DTM".
  - "TOPOGRAPHY" indicated by contour lines and spot elevations.
  - "LINK FENCE" and "FENCE" labels near the top right.
- Alignment and Match:**
  - The main alignment runs horizontally across the page.
  - A "MATCH EXISTING" label at the bottom indicates where the new work meets previously constructed sections.
  - "EXIST. 2'-1/4\" C.L." is noted near the match line.
- Other Labels:**
  - "LOMAS BLVD." written vertically on the left side.
  - "EL 5658", "EL 5736", "EL 5758", "EL 5793", "EL 5796", "EL 5835", "EL 5880", "EL 5917" are all elevation points.
  - "8\" x 18\" LL" is noted near the top left corner.

ALLEN DATA - SHOWN HEREON IS A RE-CONSTRUCTION  
FROM G-7 DRAWING NO. 1010

LEGEND

[illegible]

## DRAINAGE PLAN

078 9 x 10  
 3.004. 9  
 20-150-10-01  
 A.B. 150-10-01  
 JULY 10 1961  
 10-150-10-01  
 10-150-10-01

FINAL 25  
 DESIGNED  
 150-10-01

100-200000  
 100-200000  
 20  
 100-200000-100-200000  
 100-200000-100-200000  
 100-200000-100-200000

APPROVED FOR DRAINAGE  
9/20/83  
DATE

SIGNATURE \_\_\_\_\_ FILE \_\_\_\_\_  
ADVISE DRAINAGE INSPECTOR  
WHEN GRADING EXECUTED

FINAL DESIGN 9-1-83  
DESIGNED FOR 100%  
ESTIMATION OF SITE

83.2.4



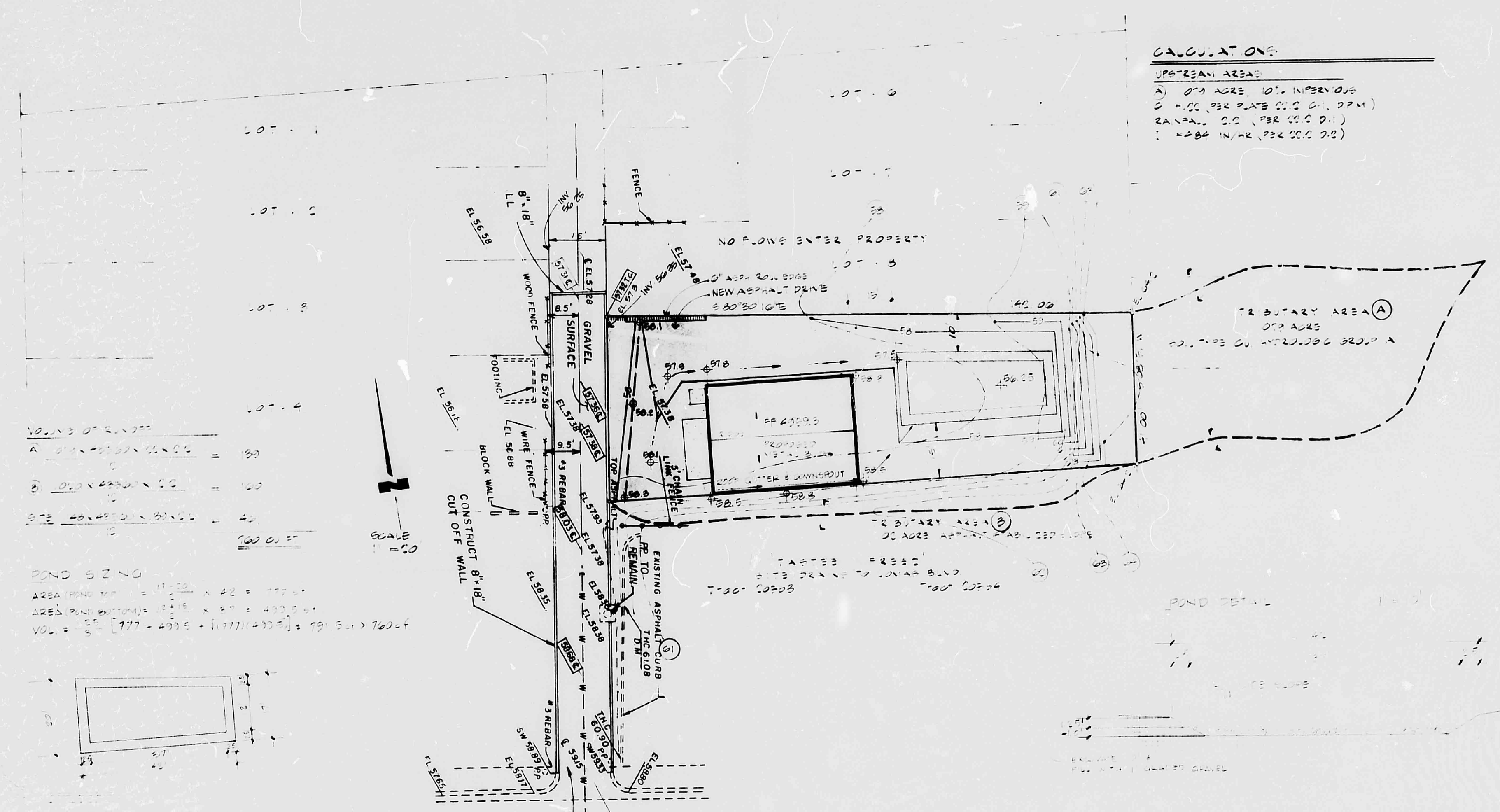




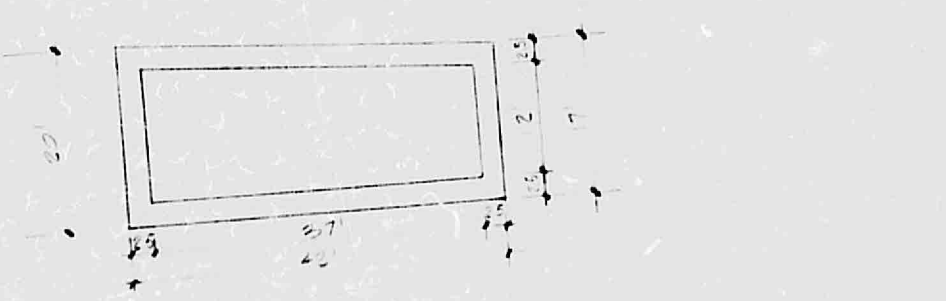




ARNO  
RESIS



NO. 100' 0\"/>



LOMAS BLVD.  
EXIST 2-1/4\"/>

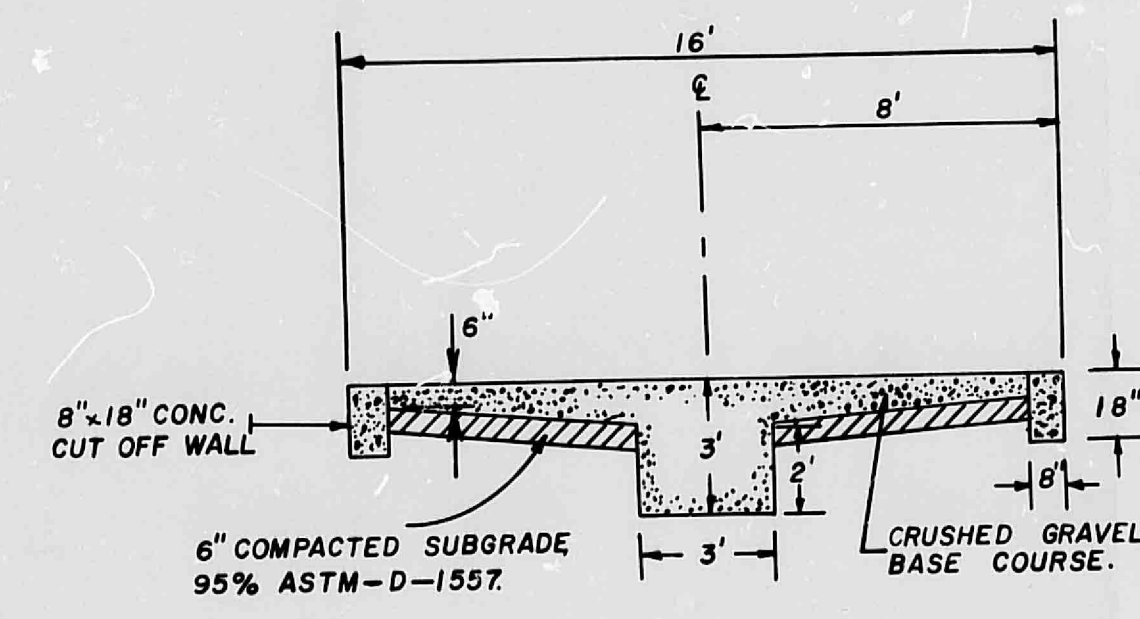
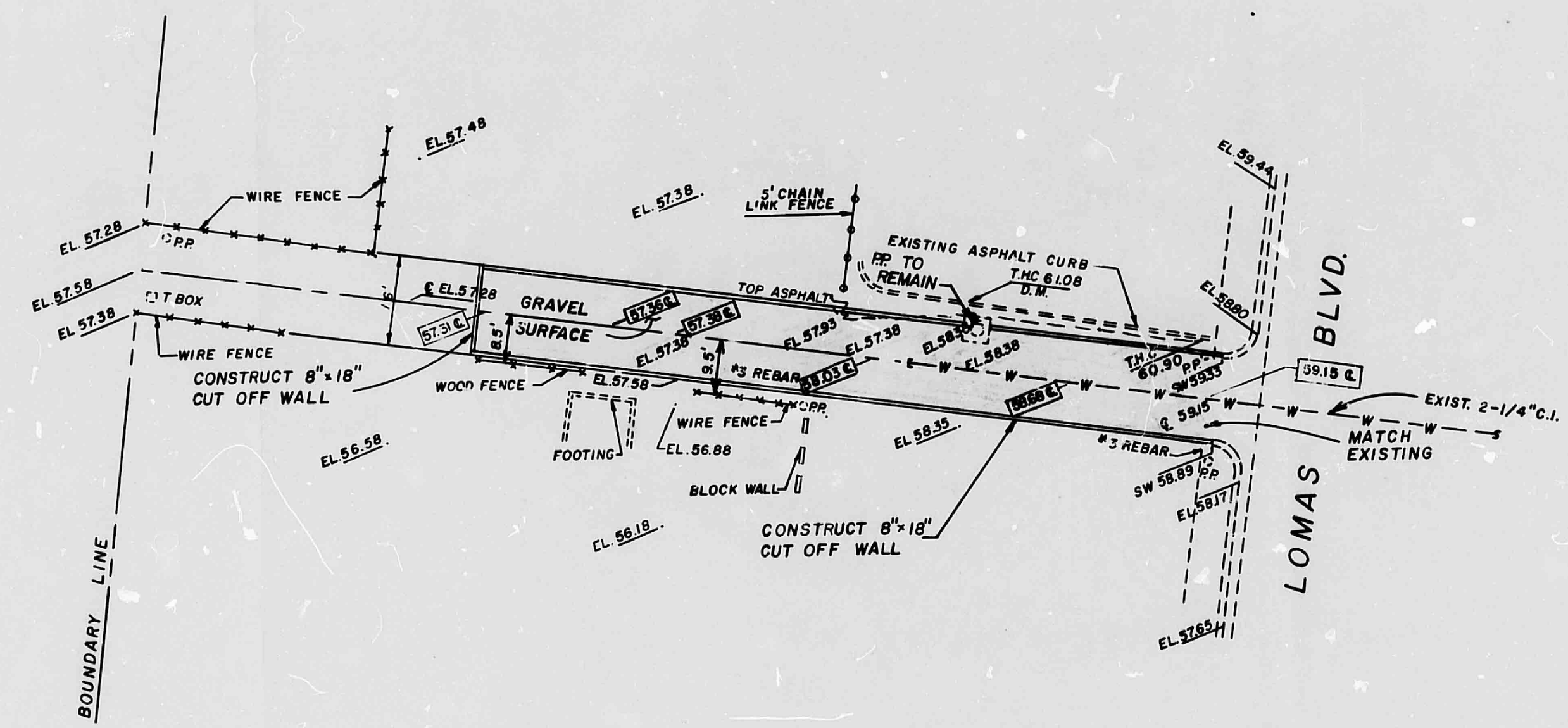
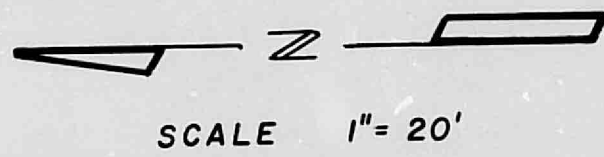
ASST. DIST. ENGINEER HERRON & ASSOCIATES  
FOR CITY OF SAN ANTONIO

CALCULATIONS  
UPPER AREA  
A) 10' 0\"/>

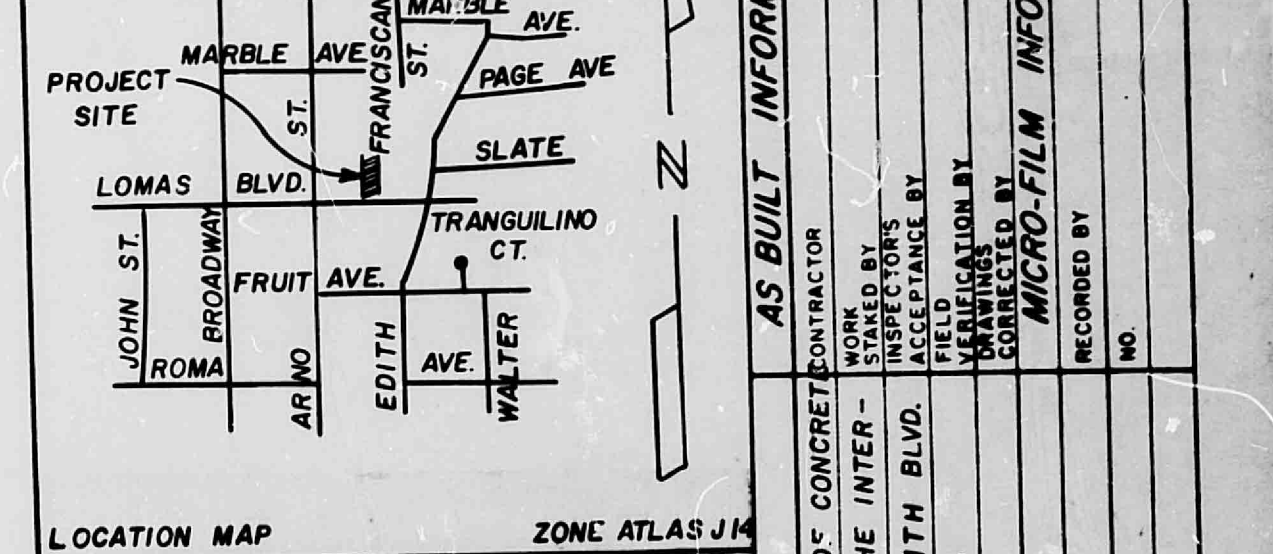
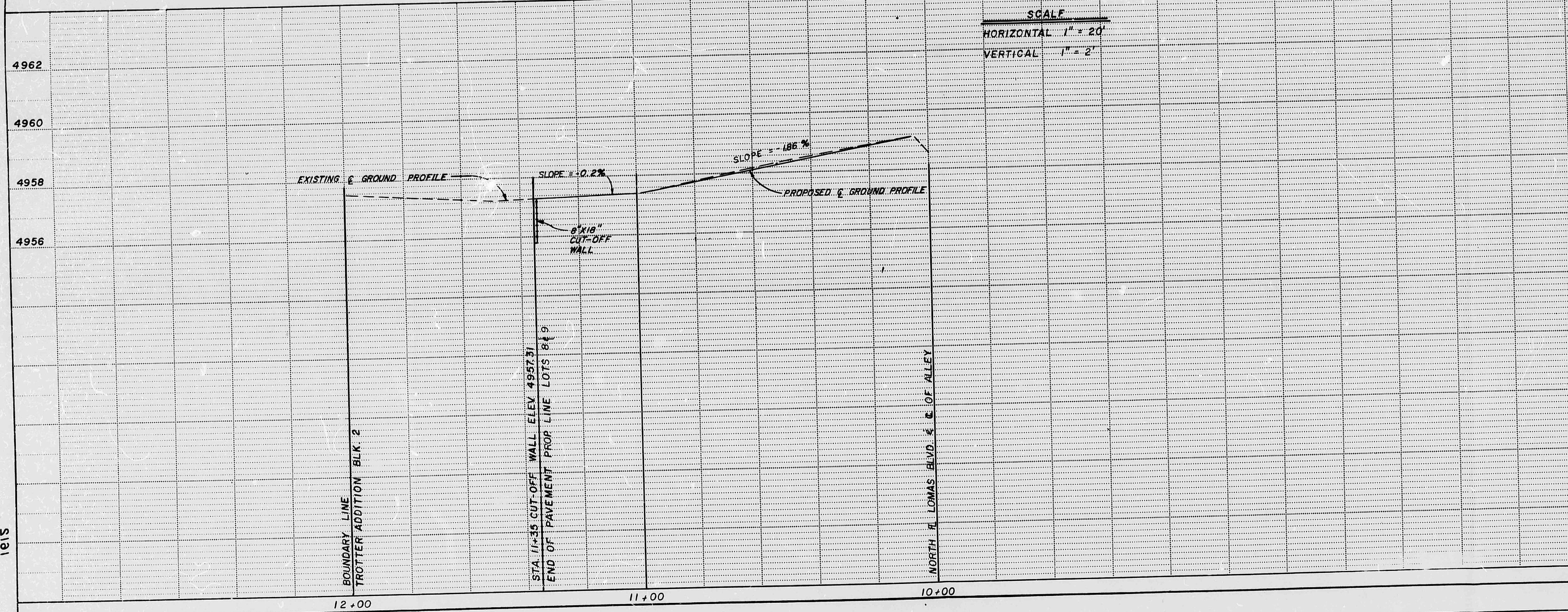
LEGEND  
DRAINAGE  
PROPOSED ELEVATION AND ANNOTATION  
EXISTING ELEVATION  
PROPOSED ELEVATION

DRAINAGE PLAN  
JULY 10, 1983  
DESIGNED BY  
CHECKED BY  
APPROVED FOR DRAINAGE  
9/20/83  
ADVISE DRAINAGE INSPECTOR  
WHEN GRADING EXECUTED





TROTTER ADDITION BLOCK TWO



NOTICE TO CONTRACTORS

- All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction-1979 Edition (referred to herein as the Standard Specifications) and the Contract Documents for City-Wide Utilities and Cash Paying No. 31.
- Two (2) weeks prior to any excavation, the 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 minimum amount of delay.

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 depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
- ☐ All storm drainage facilities shall be completed prior to final acceptance.

LEGEND

- T.H.C. - TOP OF HEADER CURB
- EL - ELEVATION
- P.P. - POWER POLE
- T.BOX - TRANSFORMER BOX
- D.M. - DEAD MAN (GUY WIRE @ GROUND)
- S.W. - SIDEWALK
- EL 58.35 - EXIST. ELEVATION
- 58.68 - PROPOSED ELEVATION

CONSTRUCTION NOTES:

- ALLEY SHALL BE CONSTRUCTED BY LICENSE AGREEMENT.
- CARE SHOULD BE TAKEN TO AVOID DISTURBING EXISTING WATERLINE DURING CONSTRUCTION.

APPROVED FOR CONSTRUCTION  
CITY ENGINEER  
M.H. for G.R.D. 5/1/83

| CITY OF ALBUQUERQUE<br>MUNICIPAL DEVELOPMENT DEPARTMENT<br>ENGINEERING DIVISION                                  |                    |         |              |                    |        |
|------------------------------------------------------------------------------------------------------------------|--------------------|---------|--------------|--------------------|--------|
| TITLE: ALLEY GRADES IN TROTTER ADDITION NO. 2<br>ON THE NORTH SIDE OF LOMAS BLVD. BETWEEN EDITH AND ARNO ST. NE. |                    |         |              |                    |        |
| APPROVALS                                                                                                        | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE   |
| City Engineer                                                                                                    | <i>[Signature]</i> | 5/1/83  | Liquid Waste |                    |        |
| A.C.E. - Design                                                                                                  | <i>[Signature]</i> | 5/1/83  | Traffic      | <i>[Signature]</i> | 5/2/83 |
| A.C.E. - Hydrology                                                                                               | <i>[Signature]</i> | 6-10-83 | Water        |                    |        |
| DRAWING NO.                                                                                                      | 1612               | MAP NO. | J-14         | SHEET              | 1 OF 1 |



