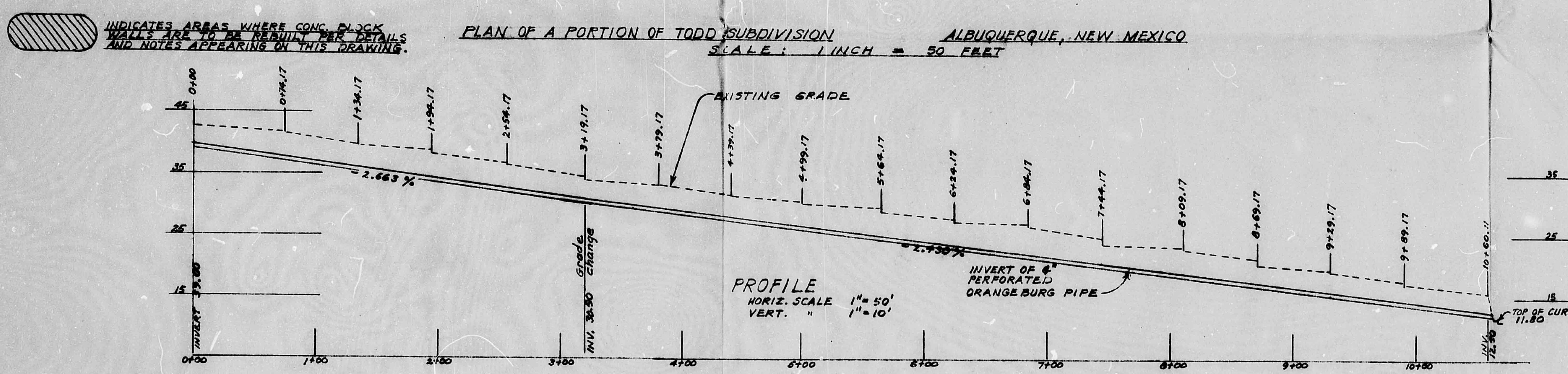
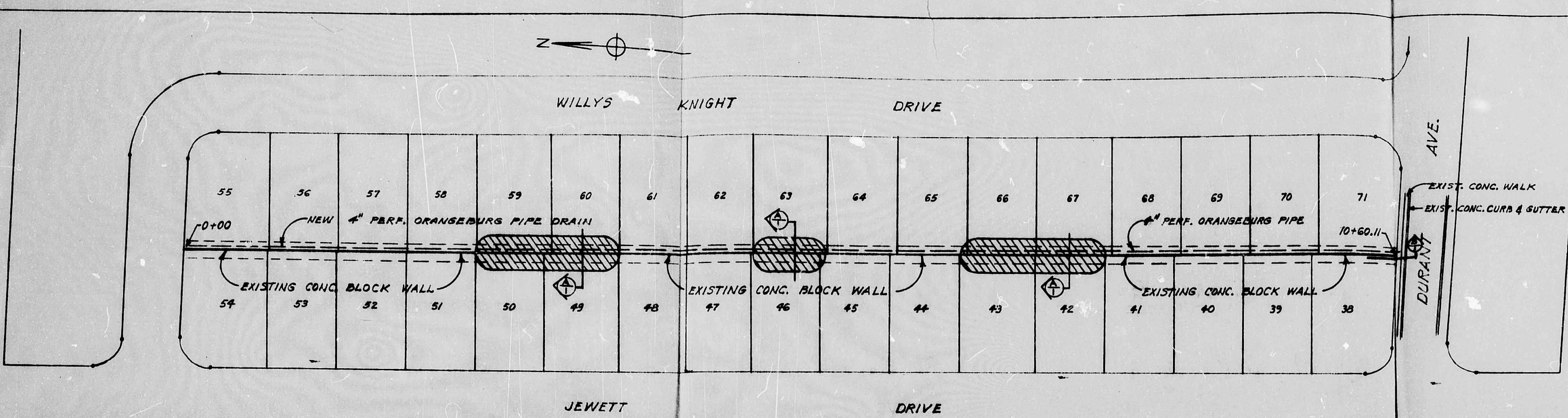
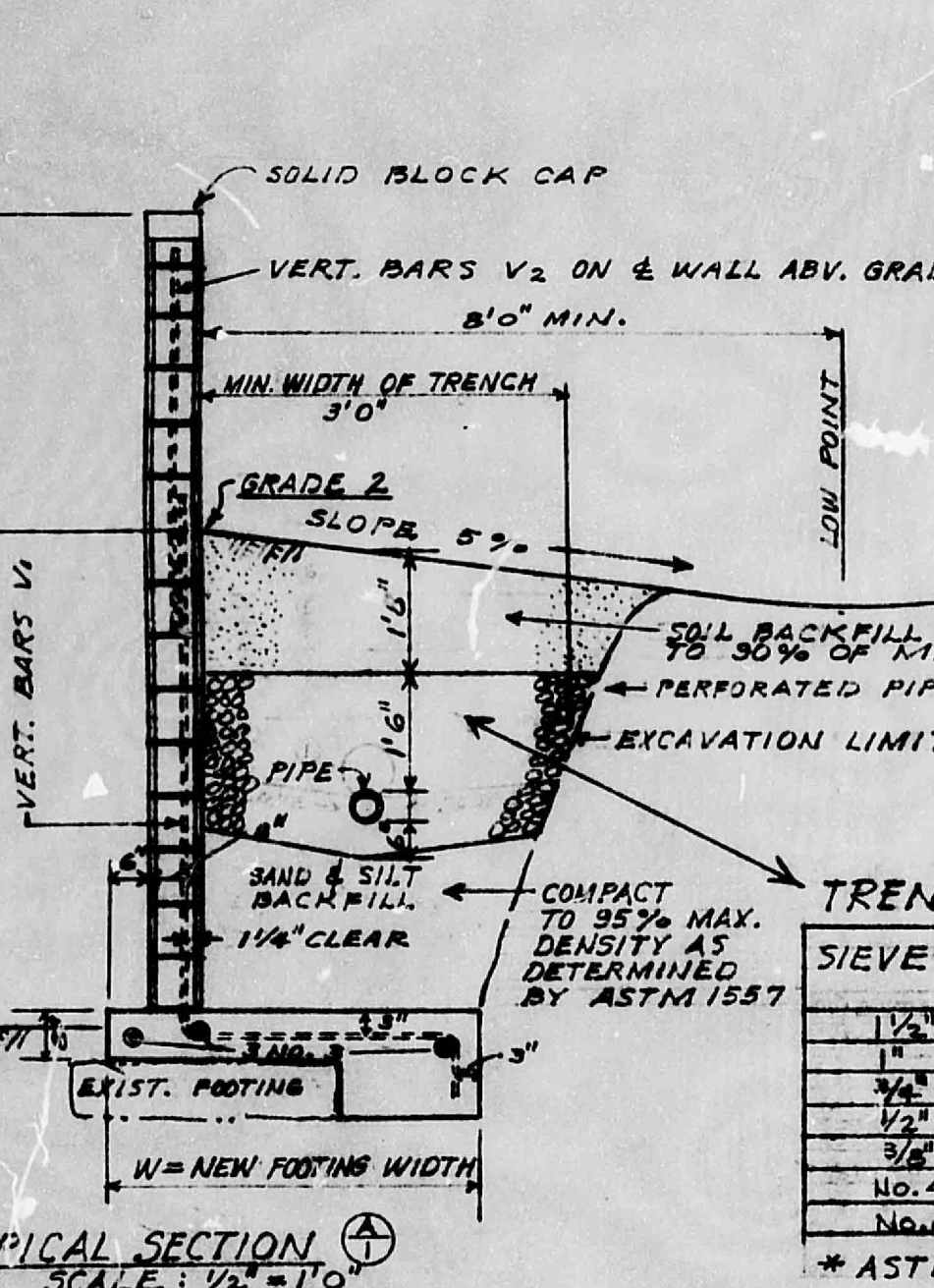




- NOTES**
1. All construction for this project to comply with City of Albuquerque Code and/or Uniform Building Code.
 2. All concrete for new footings & to fill cells of new block walls to have a minimum compressive strength of 2500 p.s.i. at 28 days. (At 7 days if Type III cement is used.)
 3. All concrete blocks to be 2-cell, Class 'A' conc. blocks, suitable for use below grade.
 4. All mortar to be Type S, in accordance with Uniform Bldg. Code. Min. compressive strength 1800 p.s.i. at 28 days.
 5. All reinforcing steel to be deformed, Billet steel, intermed. grade, minimum yield strength 40,000 p.s.i.
 6. Keep concrete and mortar in a moist condition for at least 5 days after placing.
 7. Protect concrete and mortar from freezing for at least 5 days after placing.
 8. Backfill against block walls to be done with care and in a manner not to impose undue load on the wall. Do not place backfill against wall until wall has been in place, complete, for at least 7 days. (7 days if Type III cement is used.)
 9. Wall construction to be done in strict accordance with Sec. 2415, 2416 & 2417 of Uniform Building Code, 1970 Ed.
 10. It is of extreme importance to have the vertical reinforcing located as shown and to have each bar completely surrounded with concrete of the strength specified for the full length of the bar. It is equally important that the bars be accurately located in the footing as shown.



NEW REINF. BLOCK WALL

H ₁ FT.	H ₂ FT.	VERT. REINFORCING V ₁	VERT. REINFORCING V ₂	HORIZ. REINF. H ₁	FOOTING WIDTH "W"
4'0"	5'0"	NO. 4 @ 8"	NO. 3 @ 16"	NO. 4 @ 16"	4'0"
5'0"	4'0"	NO. 4 @ 8"	NO. 3 @ 16"	NO. 4 @ 16"	4'3"
6'0"	3'0"	NO. 4 @ 8"	NO. 3 @ 16"	NO. 4 @ 16"	4'6"
6'0"	4'0"	NO. 4 @ 8"	NO. 3 @ 16"	NO. 4 @ 16"	4'6"

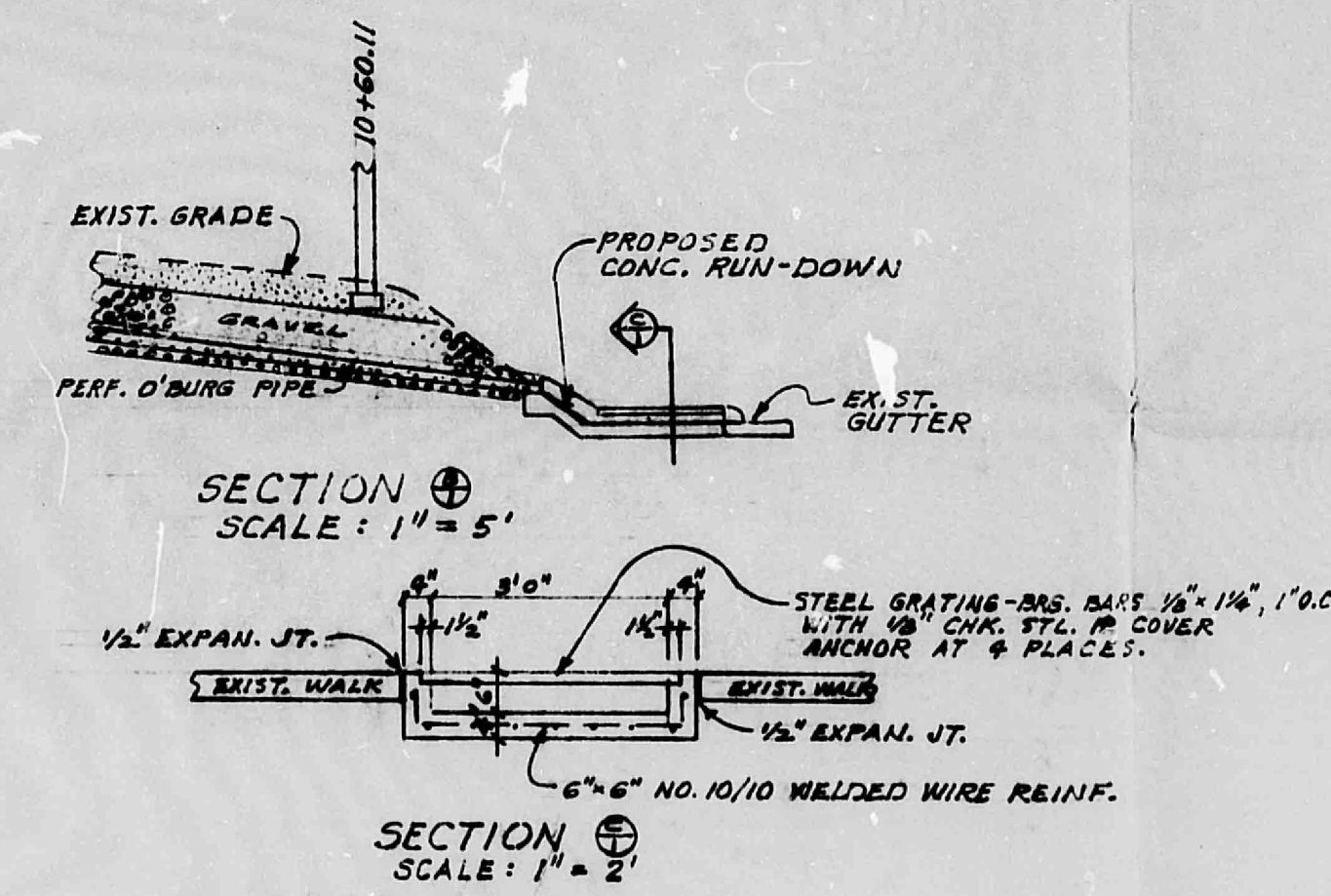
FILL CELLS SOLID WITH CONC. WHERE VERT. REINF. IS LOCATED. SEE NOTE 3.
 V₂ BARS TO EXTEND 18" BELOW GRADE 2.
 ALTERNATE V₁ BARS MAY BE CUT OFF AT 1/3 H₁ ABOVE FOOTING.
 ALTERNATE V₁ BARS TO EXTEND 6" ABOVE GRADE 2.

SOIL BACKFILL FROM EXISTING SOIL AT SITE TO BE COMPACTED TO 95% OF MAX. DENSITY AS DETERMINED BY ASTM D 1557. APPROX.
 PERFORATED PIPE & GRADED GRAVEL ALONG ENTIRE LENGTH OF WALL (1069 LIN. FT.)
 PIPE TO BE 4" MIN. DIAM. ORANGEBURG OR P.V.C. WITH 2 ROWS OF 1/2" OR 3/4" DIAM. PERFORATIONS SUCH THAT PERFORATIONS ARE ON THE BOTTOM HALF OF THE PIPE AND EQUIDISTANT FROM THE VERTICAL AXIS OF THE PIPE.

TRENCH BACKFILL MATERIAL SPECIFICATIONS

SIEVE SIZE	PERCENT PASSING	PERCENT PASSING
	SIZE 57*	SIZE 67*
1 1/2"	100	100
1"	25-100	90-100
3/4"	25-60	20-55
3/8"	0-10	0-10
No. 4	0-5	0-5

* ASTM C 33 SIZE 57 OR SIZE 67, CLEAN GRAVEL



APPROVED

CITY OF ALBUQUERQUE ENS. DEPT. DATE

CITY OF ALBUQUERQUE BLDG. INSP. DATE

A.M.A.F.C.A. DATE

I, Floyd Zimmerman, a Registered Professional Engineer and Land Surveyor in the State of New Mexico, hereby certify that I designed the new retaining walls indicated on this drawing and that I do not assume any responsibility for the older walls existing on the date indicated below.



Floyd Zimmerman, Inc. Dec. 5, 1973
 N.M. Registration #1018 Date

REINFORCED CONCRETE BLOCK RETAINING WALL
TODD SUBDIVISION ALBUQUERQUE, N.M.
 Designed by F. Zimmerman, Registered P.E. & L.S.
 Dec. 5, 1973

SHEET 1 OF 1 SHEET
 THIS DRAWING SUPERCEDES ALL PREVIOUS DRAWINGS FOR THIS PROJECT PREPARED BY ME. F. Zimmerman

CITY OF ALBUQUERQUE
 THIS MICROFILM IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

CITY OF ALBUQUERQUE