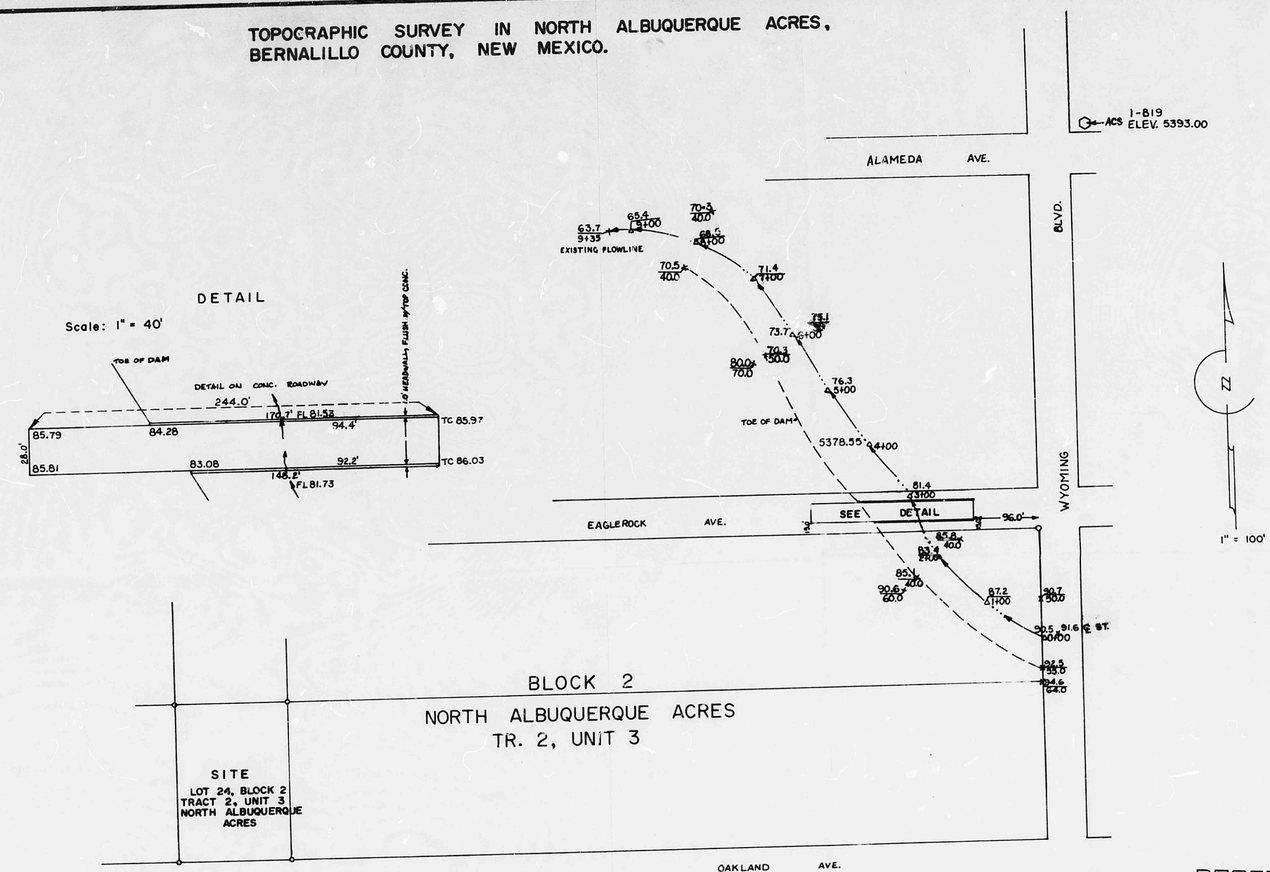
HYDROLOGY

C19/D3
2 PLANS

C19/D3

2 Plans

TOPOGRAPHIC SURVEY IN NORTH ALBUQUERQUE ACRES, BERNALILLO COUNTY, NEW MEXICO.



DETAIL

Scale: 1" = 40'

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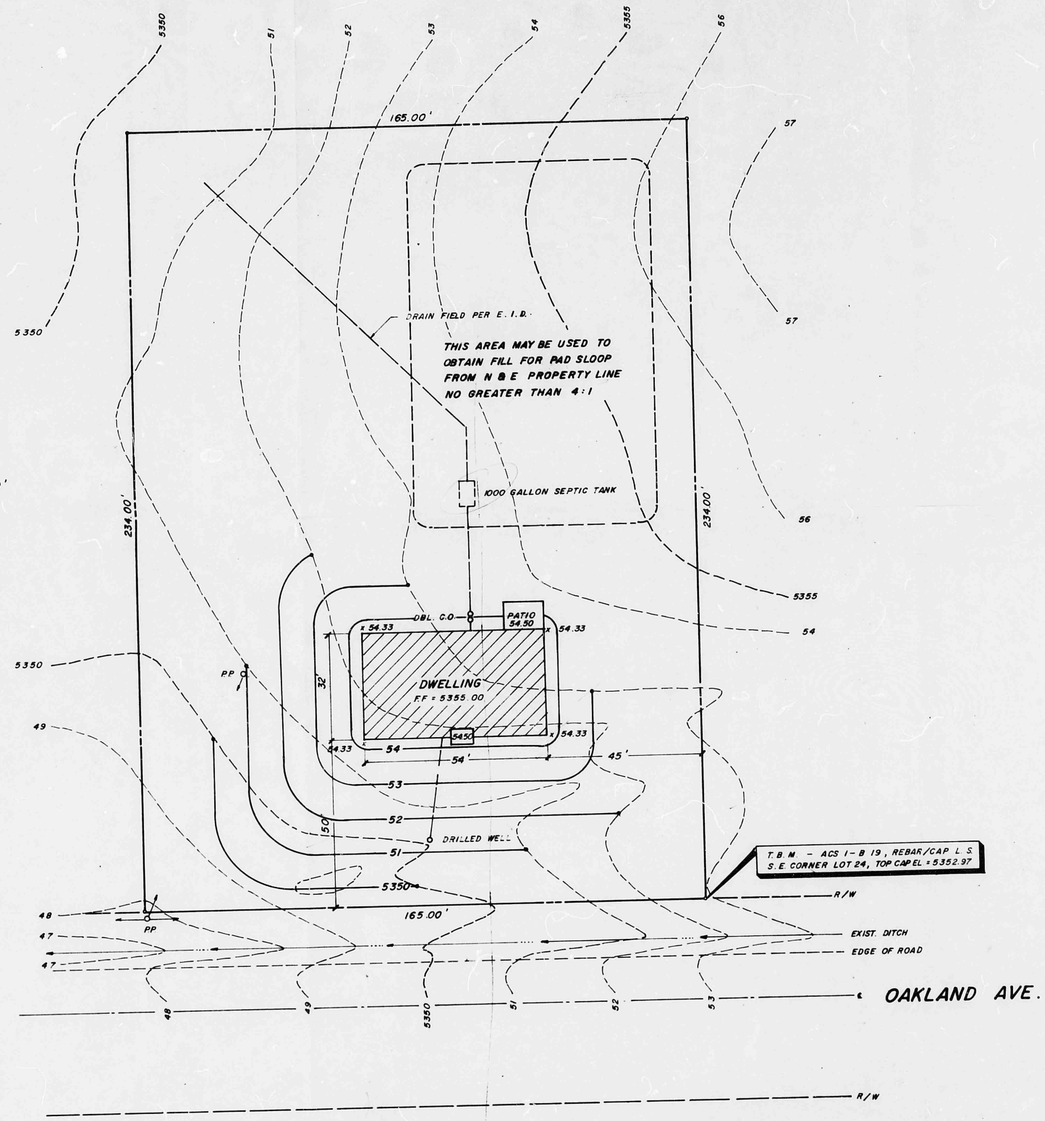
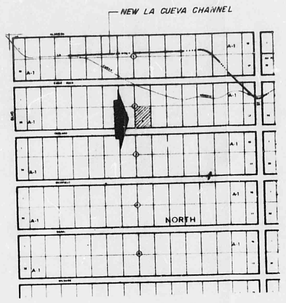
HYDROLOGY SECTION

7-18-85

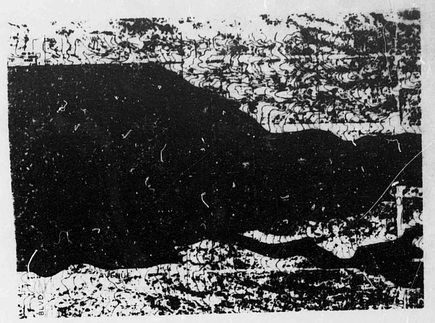
ALPHA SURVEYING GROUP, INC.
623 Amherst Dr. N.E.
P.O. Box 26193
Albuquerque, New Mexico 87125
(505) 265-5538





LOCATION MAP

C-19-Z



FLOODWAY

FLOODWAY BOUNDARY
FLOODWAY MAP
PANEL 10 OF 50 NO. 350002 0010

DISCUSSION

THIS HOMESITE IS LOT 24, BLOCK 2, TRACT 2, UNIT 3, NORTH ALBUQUERQUE ACRES. IT IS LOCATED IN THE 100 YEAR FLOOD PLAIN, ZONE AO(DEPTH 1') ON MAP NO. 35002 0010 C. THE FINISHED FLOOR ELEVATION HAS BEEN SET FOR 5355.0, WHICH IS ONE FOOT ABOVE THE CURRENT FLOOD INSURANCE MAP ELEVATION.

THE FLOODING IN THIS AREA IS PRIMARILY DUE TO LA CUEVA ARROYO. THE REACH OF THE ARROYO WHICH AFFECTS THIS SITE HAS BEEN IMPROVED AND RELOCATED BY AMAFCA SINCE THE EXISTING FLOODWAY BOUNDARY MAPS WERE ISSUED. THE CONSTRUCTION WAS COMPLETED IN THE SPRING OF 1985. AMAFCA HAS PLANS TO REQUEST OF ITS BOARD OF DIRECTORS A STUDY TO DETERMINE THE NEW FLOOD PLAIN. IT IS A CERTAINTY THAT THE IMPROVEMENTS TO THE LA CUEVA ARROYO WILL DIMINISH OR PERHAPS ELIMINATE THE FLOOD PLAIN HAZARD TO THIS SITE. IT IS RECOMMENDED THAT THE BERNALILLO COUNTY BUILDING PERMIT BE ISSUED SUBJECT TO THE SELECTED FINISHED FLOOR ELEVATION.

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BP 85-623

REGISTERED PROFESSIONAL ENGINEER
STATE OF N.M.
NO. 2934
CARROLL A. COONCE

7/24/85

C.A. COONCE & ASSOC.

ENVIRONMENTAL, WATER RESOURCES, & SANITARY CONSULTING ENGINEERS
12324 PINERIDGE N.E. ALBUQUERQUE, N.M. 87112 PH. (505) 296-1089

TITLE	DRAINAGE AND GRADING PLAN
PROJECT	JULIAN RINCON — OAKLAND N.E
DATE	6-27-85
REVISED	
DRAWN	V.U.
CHECKED	C.A.C.
SHEET	1 OF 1