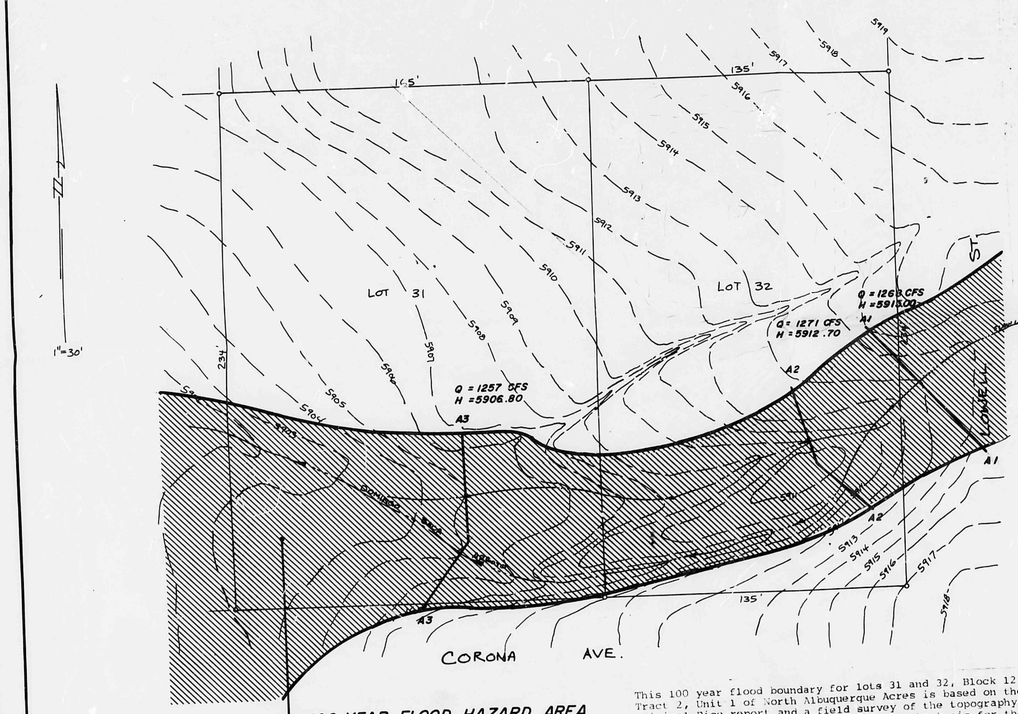
HYDROLOGY

C22/D5
1 PLAN

C22/D5
1 Plan



FLOW (Q) AT CROSS-SECTIONS BASED ON n = 0.025, WITH S, WP, A AND R CALCULATED FROM TOPO AND $Q = \frac{1.49}{n} A R^{2/3} s^{1/2}$.

RICE REPORT USES 1300 CFS FOR THIS ENTIRE REACH OF THE ARROYO.

This 100 year flood boundary for lots 31 and 32, Block 12, Tract 2, Unit 1 of North Albuquerque Acres is based on the original Rice report and a field survey of the topography of the lots. The Rice report is used as the basis for the flood hazard boundary maps now in use (Panel 11of50). This report predicts a two foot depth of flow for this reach of the North Arroyo de Domingo Baca for the 100 year flood. No buildings can be constructed within these boundaries without channel improvement which will narrow the limits of the 100 year flood boundary.

C.A. Coonce
N.M.P.E. # 2934

Topo Survey by John Lorentzen

LEGAL DESCRIPTION

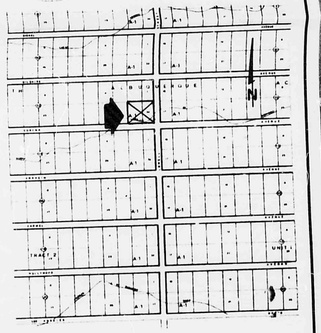
Lots numbered 31 and 32, in Block numbered 12, Tract 2, Unit 1 of NORTH ALBUQUERQUE ACRES, a subdivision in Bernalillo County, New Mexico as the same are shown and designated on the plat of said subdivision filed in the office of the County Clerk of Bernalillo County, New Mexico on _____.

SURVEYOR'S CERTIFICATE

I, Gary E. Gritsko, do hereby certify that I am a registered Professional Land Surveyor under the laws of the State of New Mexico, that this plat was prepared by me from notes of an actual field survey, and the same is true and correct to the best of my knowledge and belief.

May 24, 1984

Gary E. Gritsko, NMPLS No. 8686
Alpha Surveying Group
P.O. BOX 26193
Albuquerque, NM 87125
296-8472



LOCATION MAP

C-22-Z

C.A. COONCE & ASSOC.

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

TITLE	100 YEAR FLOOD HAZARD BOUNDARY				
PROJECT	LOTS 31 & 32, BLK. 12, TR. 2, UNIT 1, NORTH ALBQ. AC.				
DATE	7-3-84	REVISED			SHEET 1 OF 1
DRAWN	V.W.	7-11-84			
CHECKED	C.A.C.	7-31-84			