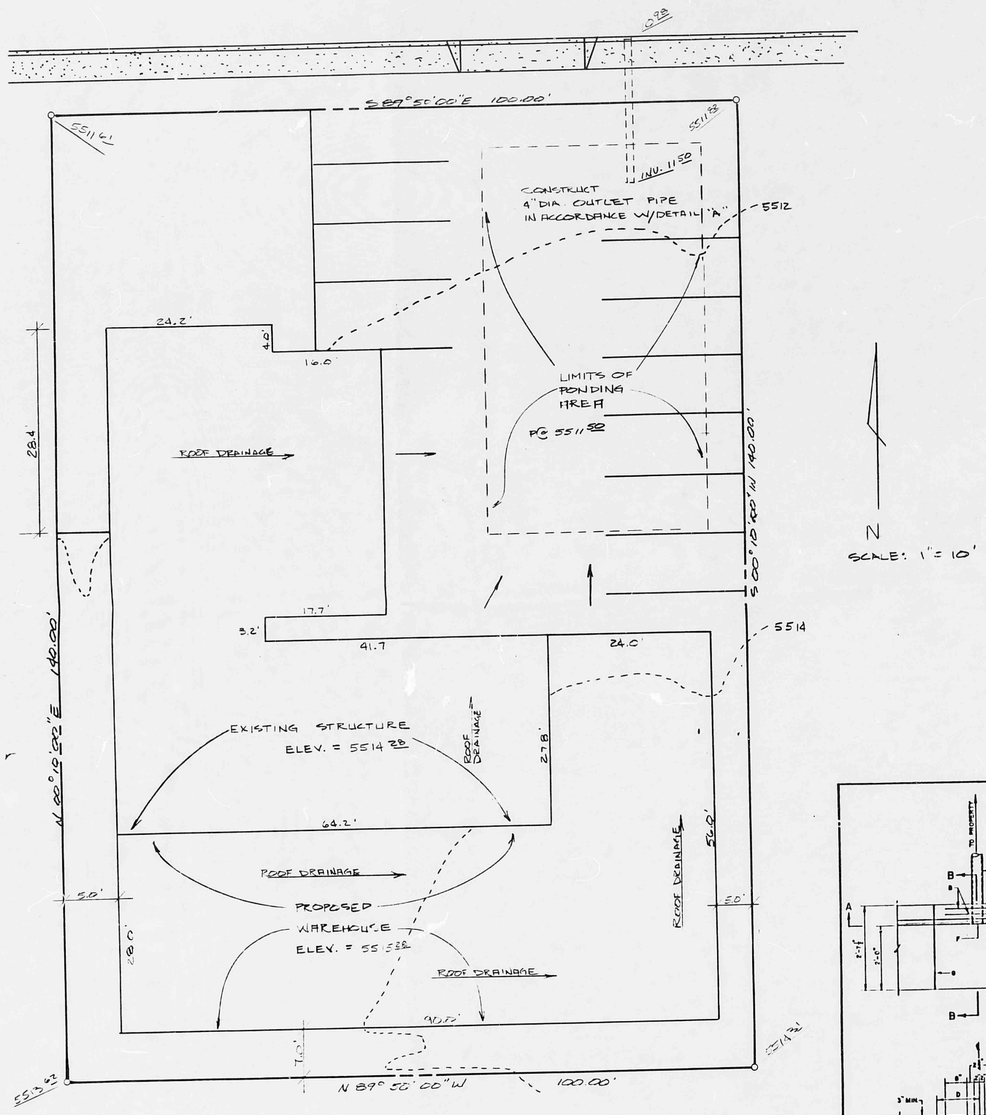
HYDROLOGY

L21/D15
ONE PLAN

L21/D15

1 PLAN

11030 COCHITI SE



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SCALE: 1" = 10'

DRAINAGE REPORT
FOR
11030 COCHITI SE

"ALLIANCE ELECTRONICS"

THE PROJECT IS LOCATED AT 11030 COCHITI SE, ALBUQUERQUE, NEW MEXICO, AND IS OWNED BY ALLIANCE ELECTRONICS. ALTHOUGH THE SITE IS BOUNDED BY DEVELOPED TRAILER PARKS, NO OFFSITE DRAINAGE ENTERS THE SITE.

UNDER PRESENT CONDITIONS, THE SOIL HAS BEEN COMPACTED TO AN EXTREMELY DENSE STATE AND THEREFORE IS IMPERVIOUS TO RUNOFF.

THE PROPOSED CONSTRUCTION CONSISTS OF APPROXIMATELY 3360 SQ. FT. OF WAREHOUSE AND WILL BE ATTACHED TO THE EXISTING STRUCTURE (SEE DRAINAGE PLAN AT LEFT).

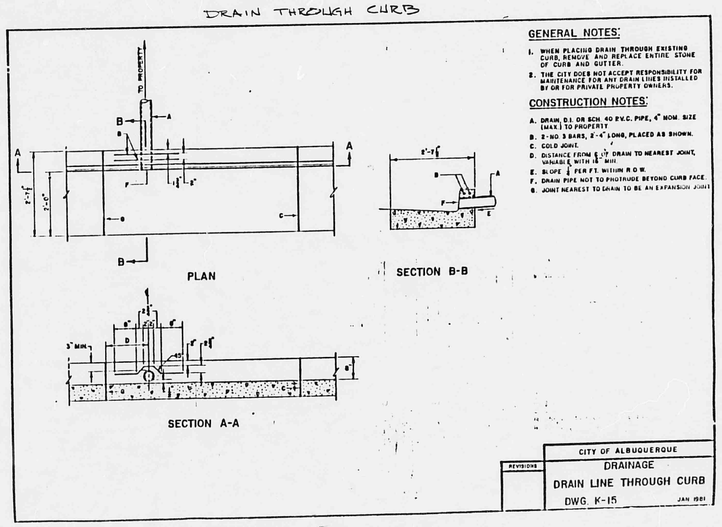
DUE TO THE EXTREME FLOODING CONDITIONS DOWNSTREAM AT THE INTERSECTION OF COCHITI AND ELIZABETH, ON-SITE PONDING HAS BEEN RECOMMENDED TO HELP ALLEVIATE SOME OF THIS FLOODING.

THE POND WILL BE LOCATED IN THE PARKING AREA, WITH A 4" DRAIN OUTLET INTO COCHITI DRIVE. THE VOLUME OF THE PONDING AREA IS (32')*(56')*(0.5')=896 CU.FT.

ALTHOUGH THIS VOLUME WILL NOT SOLVE THE FLOODING PROBLEMS DOWNSTREAM, IT WILL HELP ALLEVIATE SOME OF THE FLOODING.

THE SITE IS NOT LARGE ENOUGH TO ACCOMODATE TOTAL RETENTION OF THE RUNOFF.

DETAIL "A"
DRAIN THROUGH CURB



GENERAL NOTES:

1. WHEN PLACING DRAIN THROUGH EXISTING CURB, REMOVE AND REPLACE ENTIRE STONE OF CURB AND GUTTER.
2. THE CITY DOES NOT ACCEPT RESPONSIBILITY FOR MAINTENANCE FOR ANY DRAIN LINES INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.

CONSTRUCTION NOTES:

A. DRAIN, D.I. OR SCH. 40 P.V.C. PIPE, 4" NOM. SIZE (MAX.) TO PROPERTY.
B. 2-NO. 3 BARS, 2'-4" LONG, PLACED AS SHOWN.
C. COLD JOINT.
D. DISTANCE FROM ℄ OF DRAIN TO NEAREST JOINT, VARIABLE WITH 12" MIN.
E. SLOPE ¼" PER FT. WITHIN R.O.W.
F. DRAIN PIPE NOT TO PROTRUDE BEYOND CURB FACE.
G. JOINT NEAREST TO DRAIN TO BE AN EXPANSION JOINT.

REVISIONS	CITY OF ALBUQUERQUE
	DRAINAGE
	DRAIN LINE THROUGH CURB
	DWG. K-15 JAN 1981

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Jaime Chavarria
2-6-1984

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