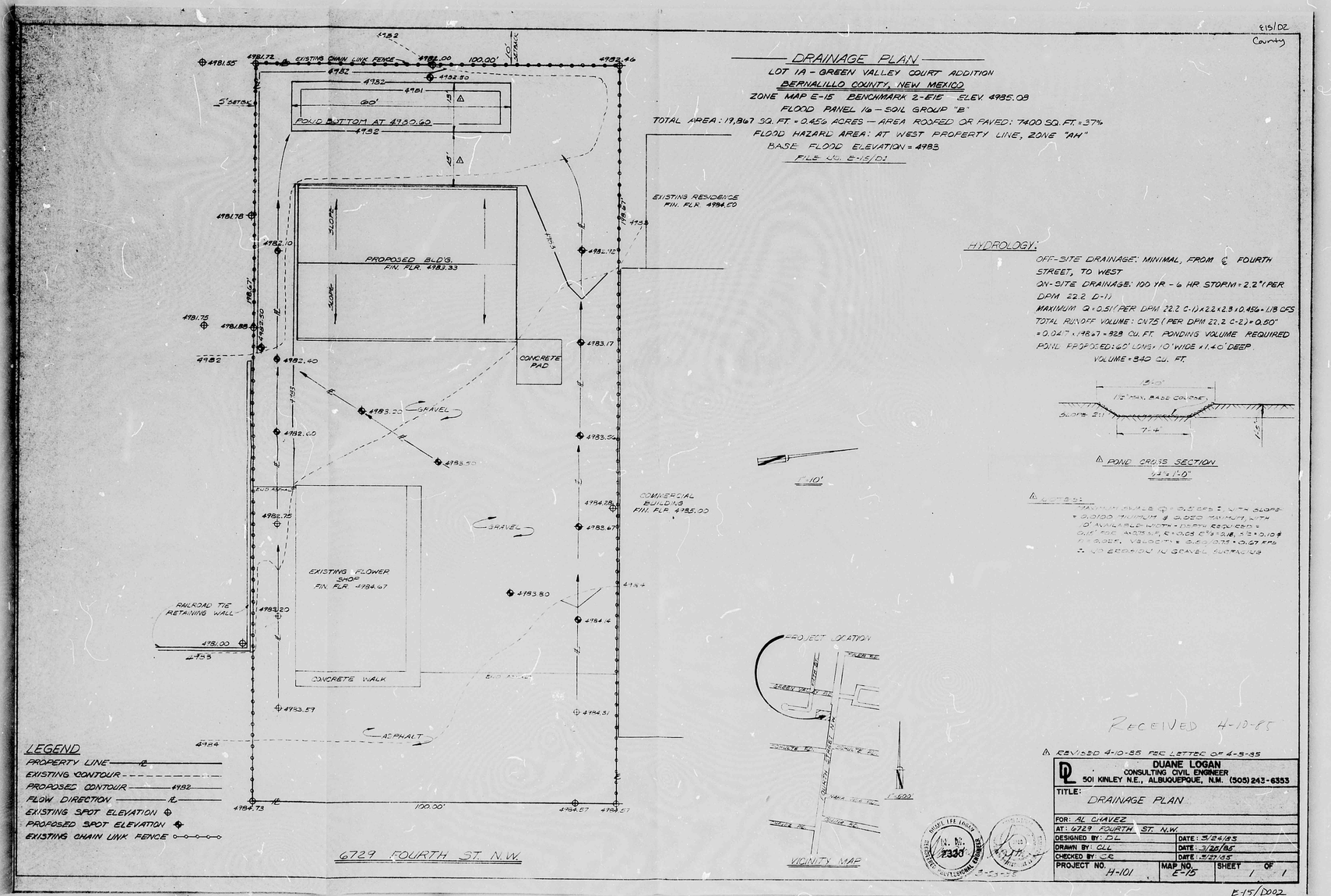
E15/D2
County



DRAINAGE PLAN

LOT 1A - GREEN VALLEY COURT ADDITION
BERNALILLO COUNTY, NEW MEXICO
ZONE MAP E-15 BENCHMARK 2-E15 ELEV. 4985.08
FLOOD PANEL 16 - SOIL GROUP "B"
TOTAL AREA: 19,867 SQ. FT. = 0.456 ACRES — AREA ROOFED OR PAVED: 7400 SQ. FT. = 37%
FLOOD HAZARD AREA: AT WEST PROPERTY LINE, ZONE "AH"
BASE FLOOD ELEVATION = 4983
FILE NO. E-15/D2

HYDROLOGY:

OFF-SITE DRAINAGE: MINIMAL, FROM ℄ FOURTH STREET, TO WEST

ON-SITE DRAINAGE: 100 YR - 6 HR STORM = 2.2" (PER DPM 22.2 D-1)

MAXIMUM Q = 0.51" (PER DPM 22.2 C-1) x 2.2 x 2.3 x 0.456 = 1.18 CFS

TOTAL RUNOFF VOLUME: CN 75 (PER DPM 22.2 C-2) = 0.50"
= 0.047 x 19,867 = 928 CU. FT. PONDING VOLUME REQUIRED
POND PROPOSED: 60' LONG x 10' WIDE x 1.40' DEEP
VOLUME = 840 CU. FT.

POND CROSS SECTION
1/4" = 1'-0"

[illegible]

RECEIVED 4-10-85

REVISED 4-10-85 PER LETTER OF 4-5-85

DUANE LOGAN
CONSULTING CIVIL ENGINEER
501 KINLEY N.E., ALBUQUERQUE, N.M. (505) 243-6353

TITLE: DRAINAGE PLAN	
FOR: AL CHAVEZ	
AT: 6729 FOURTH ST. N.W.	
DESIGNED BY: DL	DATE: 3/24/85
DRAWN BY: CLL	DATE: 3/25/85
CHECKED BY: DL	DATE: 3/27/85
PROJECT NO. H-101	MAP NO. E-15 / SHEET 1 OF 1

E-15/D002

Roll 21 DATE 2-24-93 OP 189
CITY OF ALBUQUERQUE
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CITY CLERK RECORDER
OFFICIAL SEAL NORBERTA SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires: May 8, 1988
Norberta Sanchez

CITY OF ALBUQUERQUE
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PLANS/PLATS ON FILE

FILE DESC: E-15/D002

PLANS/PLATS 1

F 30 D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D F