HYDROLOGY K11/D33 1 PLAN

K11/D33

1 PLAN

CITY OF ALBUQUERQUE
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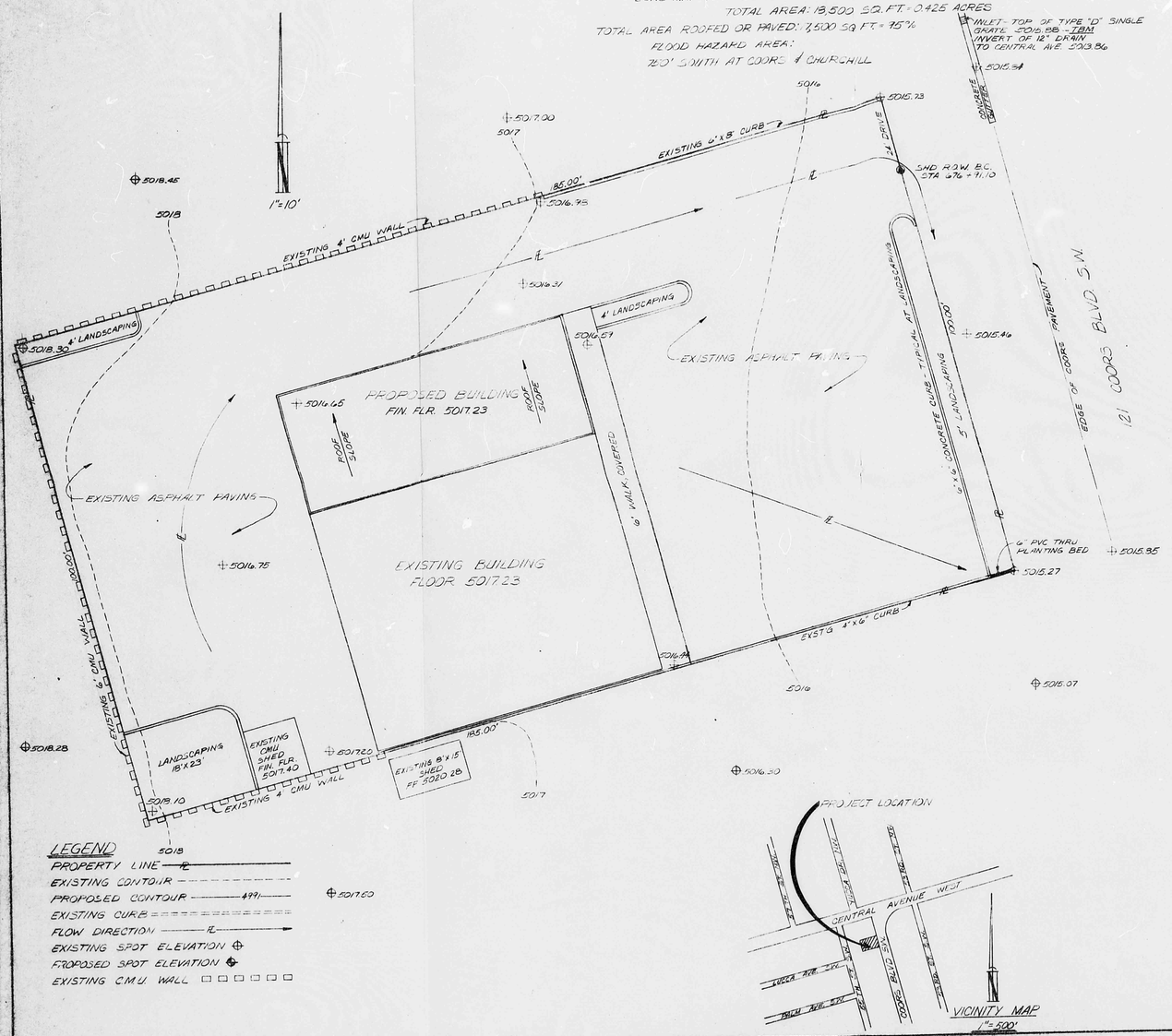
DRAINAGE PLAN

LOTS 3 & 4, BLK 2, YUCCA ADDITION NO. 2
ALBUQUERQUE, NEW MEXICO

ZONE MAP K-11 BENCHMARK NM4E-1A ELEV. 5016.74 FLOOD MAP 27
TOTAL AREA: 18,500 SQ. FT. = 0.425 ACRES
TOTAL AREA ROOFED OR PAVED: 7,500 SQ FT = 95%
FLOOD HAZARD AREA:
765' SOUTH AT COORS & CHURCHILL



LEGEND
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING CURB
- FLOW DIRECTION
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- EXISTING C.M.U. WALL

HYDROLOGY:

OFF-SITE DRAINAGE: FROM NORTH DIRECTED TO COORS BY EXISTING 6"x8" CONCRETE CURB. COORS DRAINS TO THE SOUTH IN AN ASPHALT PAVED SWALE AT THE EAST PROPERTY LINE.

ON SITE DRAINAGE: 100 YR 6 HR. STORM = 2.2" PER DPM 22.2
EXISTING = PROPOSED = I = 2.2x2.03 = 5.06, C = 0.94, Q = 0.94x5.06x0.425 = 2.02 CFS
FOR CN = 92 (PER DPM 22.2 C-2) RUNOFF VOLUME = 1.4" x 17500 SQ. FT. = 2042 CU. FT.

DRAINAGE APPROVED FOR FOUNDATION ONLY
EF-FC
DATE
Duane A. Moore
ENGINEER
Letter Date 4/8/85

RECEIVED
MAR 11 1985
HYDROLOGY SECTION

N. M. 2300
REGISTERED PROFESSIONAL ENGINEER
3-11-85

DUANE LOGAN
CONSULTING CIVIL ENGINEER
501 KINLEY N.E., ALBUQUERQUE, N.M. (505) 243-6363

TITLE: DRAINAGE PLAN		
FOR: RUE PLUMBING & HEATING		
AT: 121 COORS BLVD. S.W.		
DESIGNED BY: DLL	DATE: 3/85	
DRAWN BY: DLL	DATE: 3/9/85	
CHECKED BY: DL	DATE: 3/11/85	
PROJECT NO. H-77	MAP NO. K-11	SHEET 1 OF 1

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