Hydrology File No. K-17/D056 1 of 1

DRAINAGE PLAN

LOTS 13, 14 & 15, BLOCK 9, VALLEY VIEW ADDITION

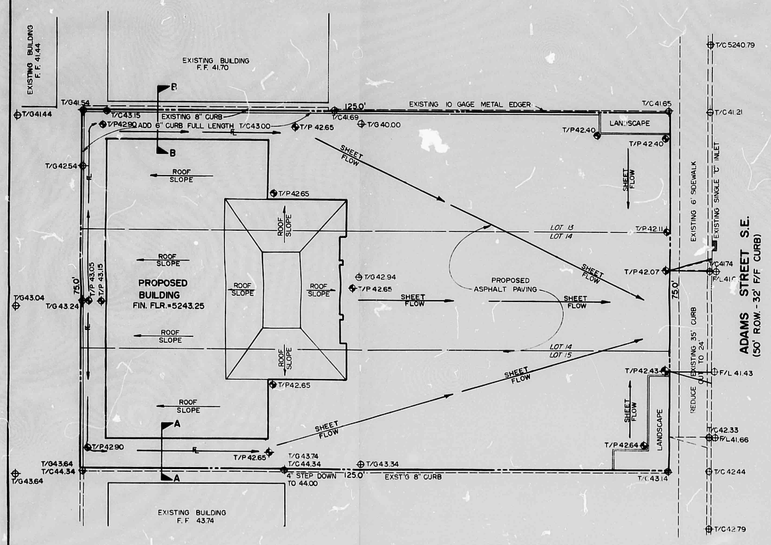
ALBUQUERQUE, N.M.

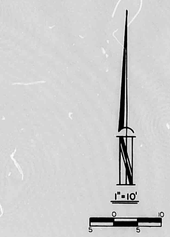
ZONE MAP K-17 BENCHMARK 13-K17 ELEV. 5247.57

FLOOD MAP 29 SOIL TYPE A

TOTAL AREA = 9375 S.F. OR 0.2152 ACRES

FILE NO. K17/ APPROVED _____





HYDROLOGY

OFF-SITE RUNOFF: NONE, ADJACENT PROPERTIES ARE EITHER CURBED OR LOWER.

ON-SITE RUNOFF: EXISTING "C" = 0.40 & Q_{100} UNDEVELOPED = 0.40 X 2.28 X 2.15 X 0.215 = 0.42 C.F.S.

C = 0.95 ON 63% = 0.60
0.90 ON 30% = 0.27
0.25 ON 7% = 0.02
0.89 DEVELOPED "C"

Q_{100} DEVELOPED = 0.89 X 2.28 X 2.15 X 0.215 = 0.94 C.F.S.

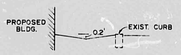
VOLUME UNDEVELOPED
CN = 51
V = 0.2/12 x 9375 = 156 CF

VOLUME DEVELOPED
CN = 92
V = 1.7/12 x 9375 = 1328 CF

EROSION CONTROL NOTES:

THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:

1. NO SEDIMENT BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED ALL ADJACENT PROPERTY, RIGHTS OF WAY, AND EASEMENTS, SHALL BE PROTECTED FROM FLOODING.
3. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT OF WAY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
4. CONTROL OF SEDIMENT LADEN WATERS WILL BE ACCOMPLISHED BY THE USE OF A COMPACTED EARTH BERM AT LEAST 12" HIGH. THE BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.

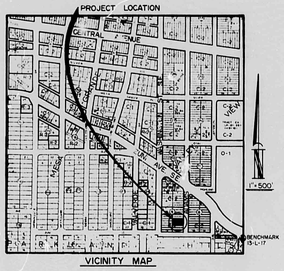


SECTION A-A

SECTION B-B

LEGEND

PROPERTY LINE
EXISTING CONTOURS — 4996
PROPOSED CONTOURS — 4997
EXISTING SPOT ELEVATIONS
PROPOSED SPOT ELEVATIONS
FLOW DIRECTION



VICINITY MAP

REVISED 9/21/87

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920 6TH ST. N.W. SUITE 3 243-6353
ALBUQUERQUE, NEW MEXICO 87102

DRAINAGE PLAN	FILE # H-299
FOR CHARLES LINN	DATE 8/31/87
AT 427 ADAMS ST. S.E.	DRAWN C.L.L.
ALBUQUERQUE, N.M.	SHEET 1 OF 1

K-17/D056

REF. 22 DATE 6/25/92 OP. 57

CITY OF ALBUQUERQUE

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CITY OF ALBUQUERQUE
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PLANS/PLATS ON FILE

FILE DESC: K-17/D056

PLANS/PLATS 1

F 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F