

DRAINAGE PLAN DOUBLE L ADDITION

HYDRAULIC

W 1/4 CORNER

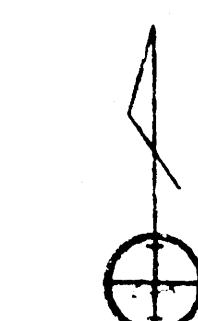
KE-240-2A
ZONING R1
UNPLATTED
WILBUR NEAL

CENTER OF
SECTION

E 1/4 CORNER

KE-240-3
ZONING R1
UNPLATTED
BARBARA MACKEY

C-360-UP
ZONING AA
UNPLATTED
SCOTT HERRMAN



SCALE 1"=100'

DATE: JANUARY 13, 1995

DRAWN BY: David and Patricia Lehman

Min. R.D. = 1346

LOT 1

KE-240-1
ZONING R1
UNPLATTED
BARBARA MACKEY

DRAINAGE AREA (A)

AREA = 35.9 ACRES
C = 0.3, L = 2200, S = 0.77
Tc = 62 MINUTES
I₁₀₀ = 2.61 "/HR.
Q₁₀₀ = 38.9 CFS

AREAS A AND B DRAIN THROUGH
EXISTING 43"x 27" CMPA

DRAINAGE AREA (B)

AREA = 3.4 ACRES
C = 0.3, L = 900, S = 0.9
Tc = 41 MINUTES
I₁₀₀ = 4.60 "/HR.
Q₁₀₀ = 4.7 CFS

DRAINS THROUGH EXISTING
18" RCP

BM = Flood control brass cap N.E. cor H&B
150' west of S.W. corner of sec. Elev. = 1340.87

SW CORNER
SEC. 22, T26S, R1E

overhead elec. & tele.

45th ST. NORTH

EXISTING 18" RCP

EXISTING 43"x 27" CMPA

TO MIDDLE FORK CHISHOLM CREEK

WEST LINE OF SPECIAL FLOOD
HAZARD AREA ZONE A4 FOR MIDDLE
FORK CHISHOLM CREEK (BFE 13452)

Q calculated by Rational Method

Tc calculated by the formula:
Tc = 18(LI-C)D^{0.5} S^{0.53}
Where D = length in feet, S = slope in %
C = Rational Method runoff coefficient



SE CORNER
SEC. 22, T26S, R1E

247E DRC 1-130-95

250 Mathewson
Wichita, KS 67211
(316) 263-0082

ARMSTRONG LAND SURVEY, P.A.

