

DRAINAGE PLAN DOUBLE L ADDITION

Min. R.D. = 1346

HYDRAULIC

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

KE-240-2A
ZONING R1
UNPLATTED
WILBUR NEAL

KE-240-3
ZONING R1
UNPLATTED
BARBARA MACKEY

C-360-UP
ZONING AA
UNPLATTED
SCOTT HERRMAN

KE-240-1
ZONING R1
UNPLATTED
BARBARA MACKEY

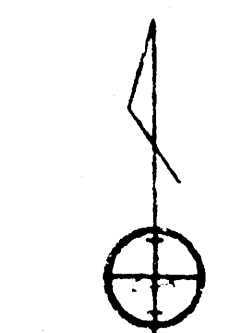
KE-240-4
ZONING P1
UNPLATTED
DONALD HARREN

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

CENTER OF
SECTION

E 1/4 CORNER



SCALE 1"=100'

DATE: JANUARY 13, 1995
SURV. David and Patricia Lehman

LOT 1

(A)

WEST LINE OF SPECIAL FLOOD
HAZARD AREA ZONE A4 FOR MIDDLE
FORK CHISHOLM CREEK (BFE 1345.2)

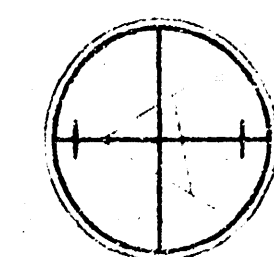
Q calculated by Rational Method
Tc calculated by the formula:
Tc = 18(LI-C)D^{0.5} S^{0.53}
Where D = length in feet, S = slope in %
C = Rational Method runoff coefficient



SE CORNER
SEC. 22, T26S, R1E

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

ARMSTRONG LAND SURVEY, P.A.



247E DRC 1-130-95

2688.60

45th ST. NORTH

N90°00'00"W
343.00

S 1/4 COR

TO MIDDLE FORK CHISHOLM CREEK

EXISTING 18" RCP

EXISTING 43"x 27" CMPA

overhead elec. & tele.

FLOODWAY RESERVE

EXISTING 18" RCP