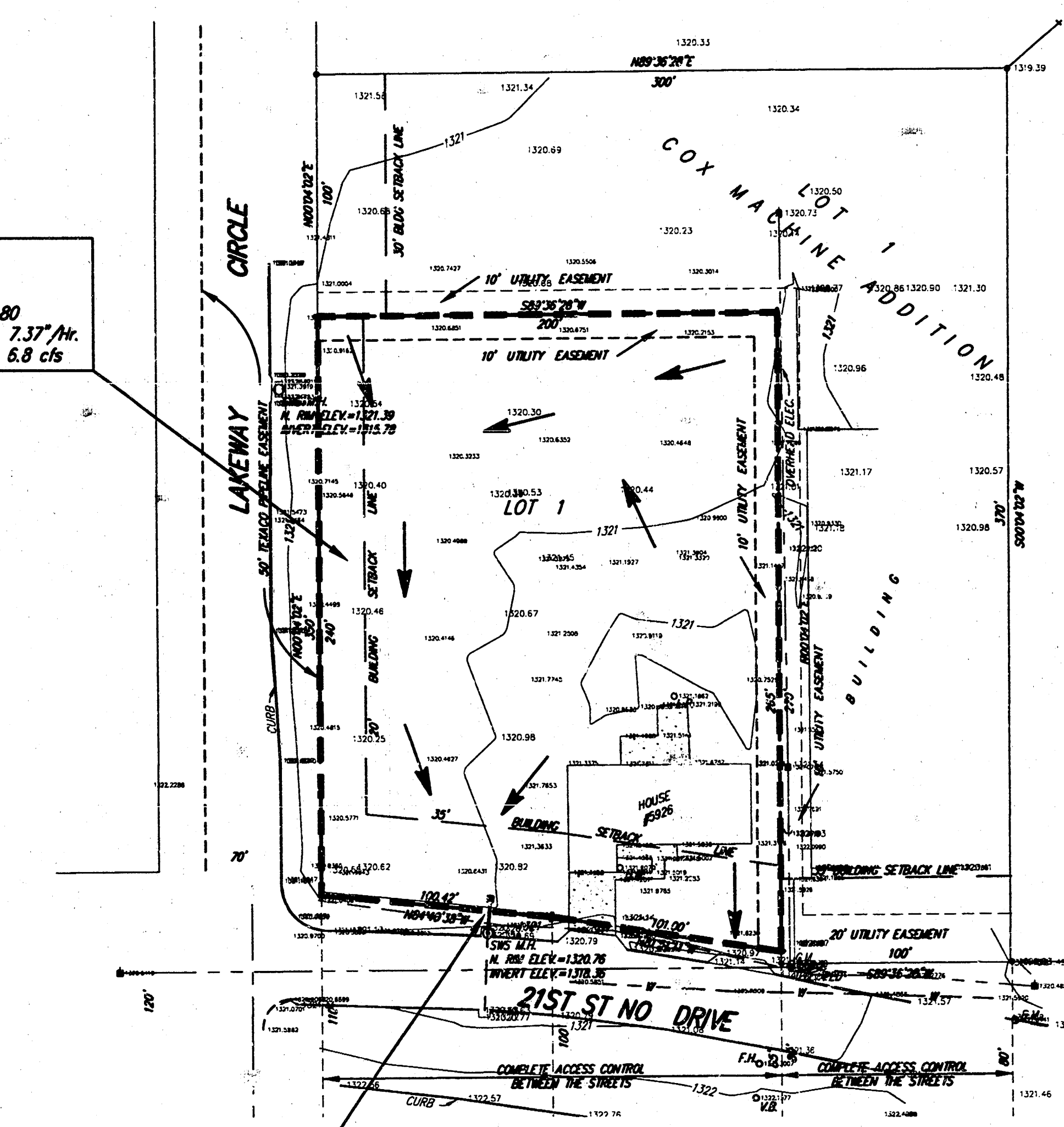


DRAINAGE PLAN **COX MACHINE 2ND ADDITION**

WICHITA, SEDGWICK COUNTY, KANSAS

Area = 1.15 Acres
Hydrologic Soil Group B
 $T_c = 15$ Minutes
 $C_s = 0.69$ $C_{100} = 0.80$
 $q_s = 4.56 \text{"/hr.}$ $R_{100} = 7.37 \text{"/hr.}$
 $Q_s = 3.6 \text{ cfs}$ $Q_{100} = 6.8 \text{ cfs}$



CONSTRUCT AREA INLET. CONNECT TO EXISTING MANHOLE WITH 15" RCP.

SCALE
1" = 40'

BENCH MARK:
1" CUT ON TOP OF CURB
100' E. OF S.E. COR. OF SUBJECT PROPERTY
ELEV. = 1321.84 (NCVD)

DRAINAGE PLAN COX MACHINE 2ND ADDITION					
SRB SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING		974 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 316-264-4821		SHEET 1 OF 1	
DESIGN	DRAWN	CHECK	DATE	REVISION	
CHD	KRL	UTL	DEC. 25, 1998		