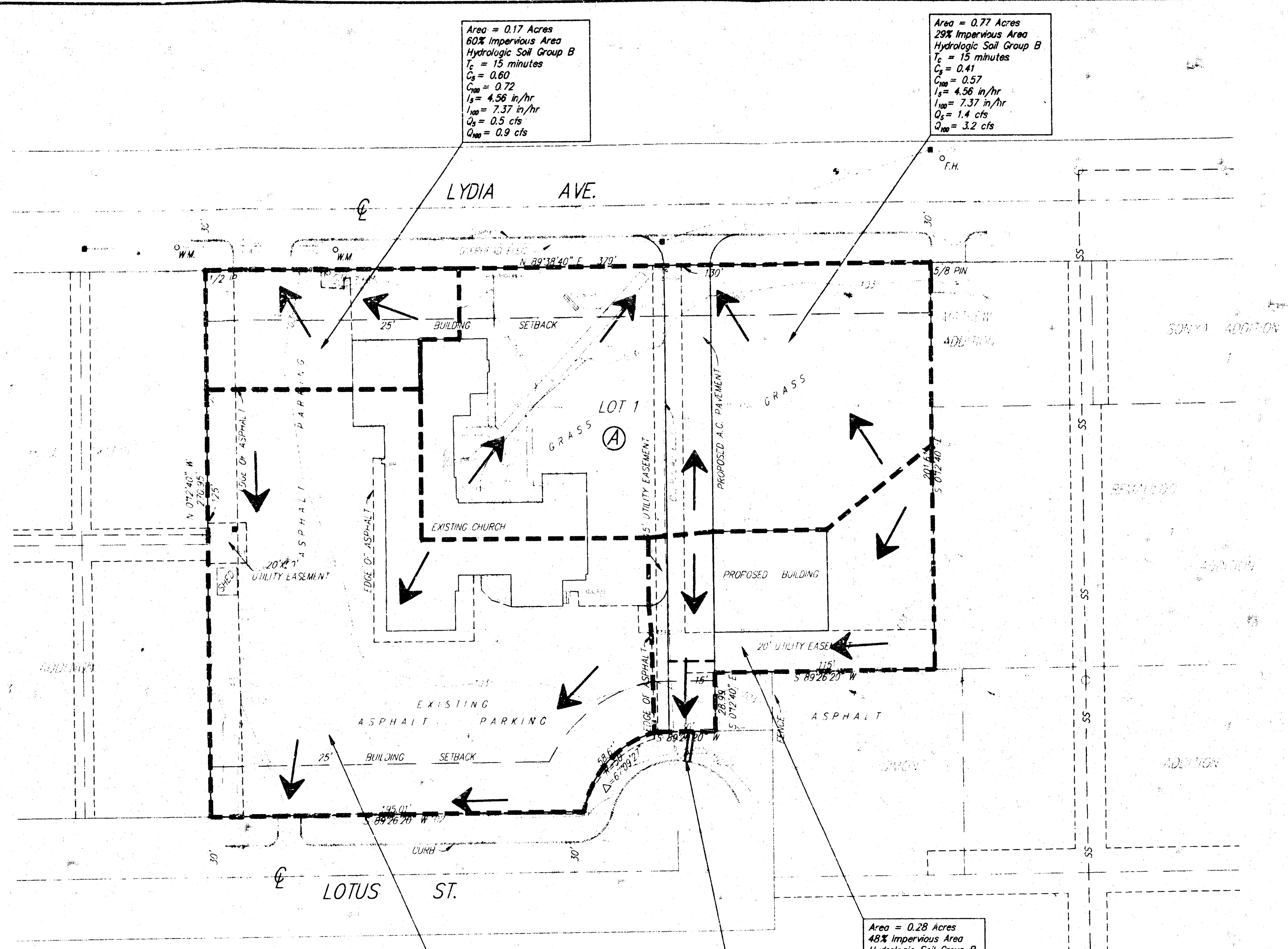




Area = 0.17 Acres
 60% Impervious Area
 Hydrologic Soil Group B
 $T_c = 15$ minutes
 $C_p = 0.60$
 $C_{100} = 0.72$
 $I_s = 4.56$ in/hr
 $I_{100} = 7.37$ in/hr
 $Q_s = 0.5$ cfs
 $Q_{100} = 0.9$ cfs

Area = 0.77 Acres
 29% Impervious Area
 Hydrologic Soil Group B
 $T_c = 15$ minutes
 $C_p = 0.41$
 $C_{100} = 0.57$
 $I_s = 4.56$ in/hr
 $I_{100} = 7.37$ in/hr
 $Q_s = 1.4$ cfs
 $Q_{100} = 3.2$ cfs

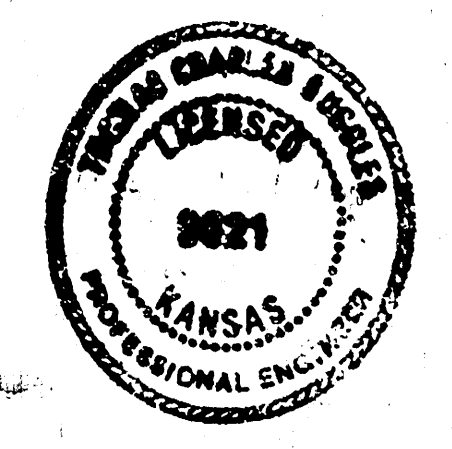
Area = 0.89 Acres
 88% Impervious Area
 Hydrologic Soil Group B
 $T_c = 15$ minutes
 $C_p = 0.82$
 $C_{100} = 0.90$
 $I_s = 4.56$ in/hr
 $I_{100} = 7.37$ in/hr
 $Q_s = 3.3$ cfs
 $Q_{100} = 5.9$ cfs

Area = 0.28 Acres
 48% Impervious Area
 Hydrologic Soil Group B
 $T_c = 15$ minutes
 $C_p = 0.53$
 $C_{100} = 0.66$
 $I_s = 4.56$ in/hr
 $I_{100} = 7.37$ in/hr
 $Q_s = 0.7$ cfs
 $Q_{100} = 1.4$ cfs

CONSTRUCT 6" X 18" CONCRETE FLUME

1" = 30'
 ELEVATION = CITY DATUM

BENCH MARK: "O" CUT TOP OF CURB
 W. CURB RETURN @ N.W. COR. LYDIA & RITA
 ELEV.=102.22 (CITY DATUM)



**WESTSIDE UNITED METHODIST CHURCH ADDITION
DRAINAGE PLAN
WICHITA, KANSAS**

SRB

SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

924 NORTH MAIN
WICHITA, KANSAS 67203
http://www.telat.com/~srb

316-264-8008
FAX 316-264-4621
E-mail: srbs@telat.com

PROJECT NUMBER

DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
KWL	KWL			Aug. 20, 1997	

SHEET 1 OF 1
 SRB DRAINAGE PLAN

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