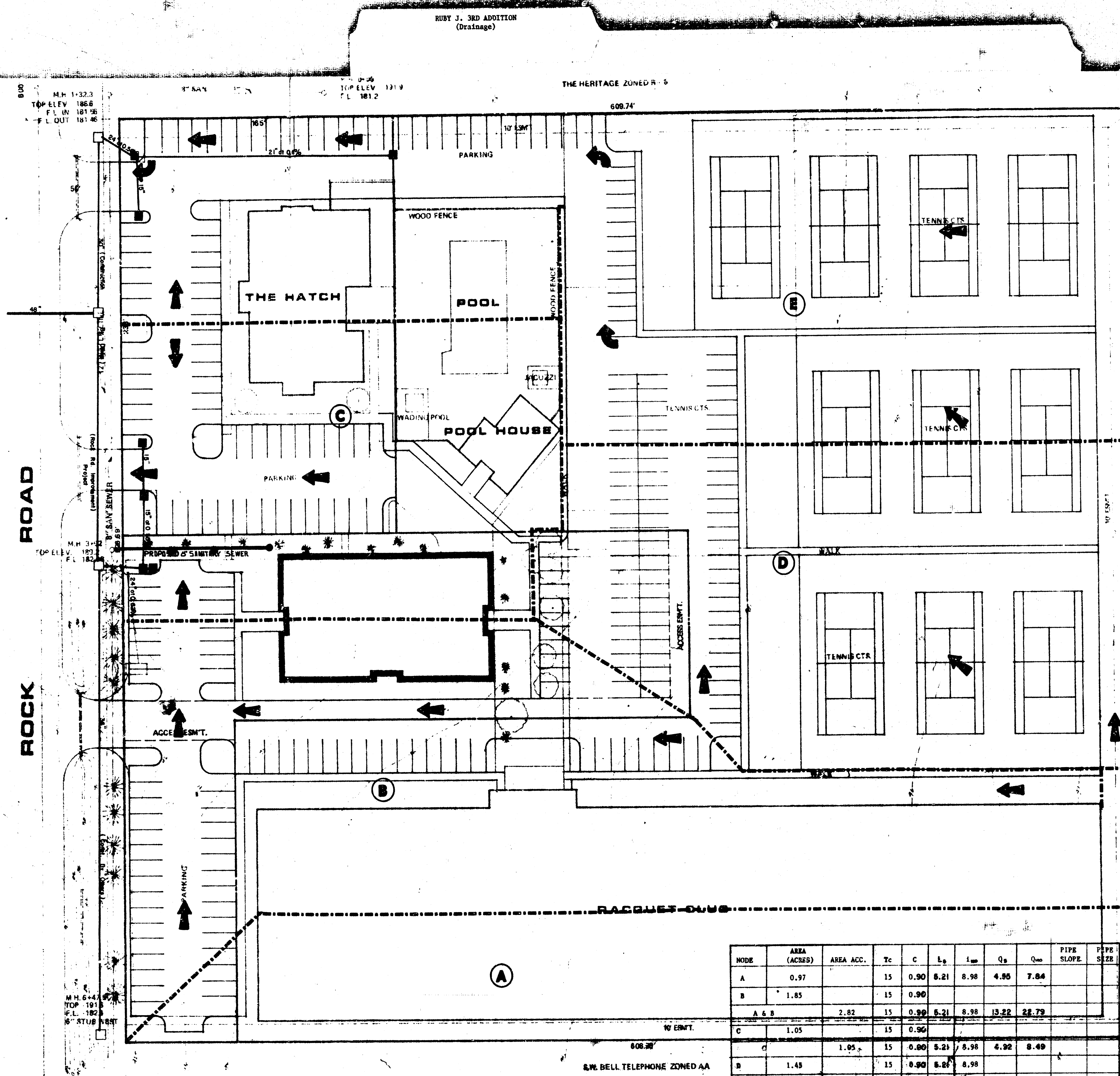


CHARLES C. KOCH ZONED AA

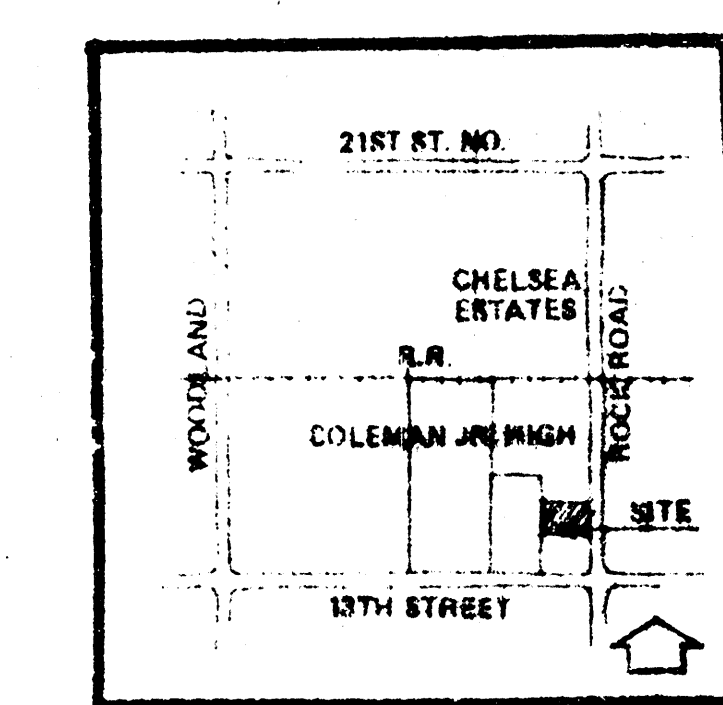
7" STEEL GAS LINE



N
Scale: 1" = 30'

LEASURE LIVING VENTURES
1ST ADD. ZONED R-5

S.M. CITY STD. 42' N. AND 38' E. OF INTERSECTION OF
13TH STREET AND ROCK ROAD



DRAINAGE PLAN FOR RUBY J. 3RD ADDITION

NODE	AREA (ACRES)	AREA ACC.	Tc	C	Ls	1=	Qs	Qm	PIPE SLOPE	PIPE SIZE
A	0.97		15	0.90	5.21	8.98	4.95	7.84		
B	1.65		15	0.90						
A & B	2.62		15	0.90	5.21	8.98	13.22	28.79		
C	1.05		15	0.90						
D	1.05		15	0.90	5.21	8.98	4.92	8.49		
B	1.45		15	0.90	5.21	8.98				
E	2.27		15	0.90	5.21	8.98				
D & E	3.72		15	0.90	5.21	8.98	17.44	30.07		

MID-KANSAS ENGINEERING CONSULTANTS PA
 240 NORTH ROCK ROAD
 SUITE 130
 WICHITA, KANSAS 67206
 602-6941

Design: KHB
 Drawn by: DLM
 Checked by: KHB
 Date: AUGUST, 1984
 Job No.:
 Sheet: 1 of 1