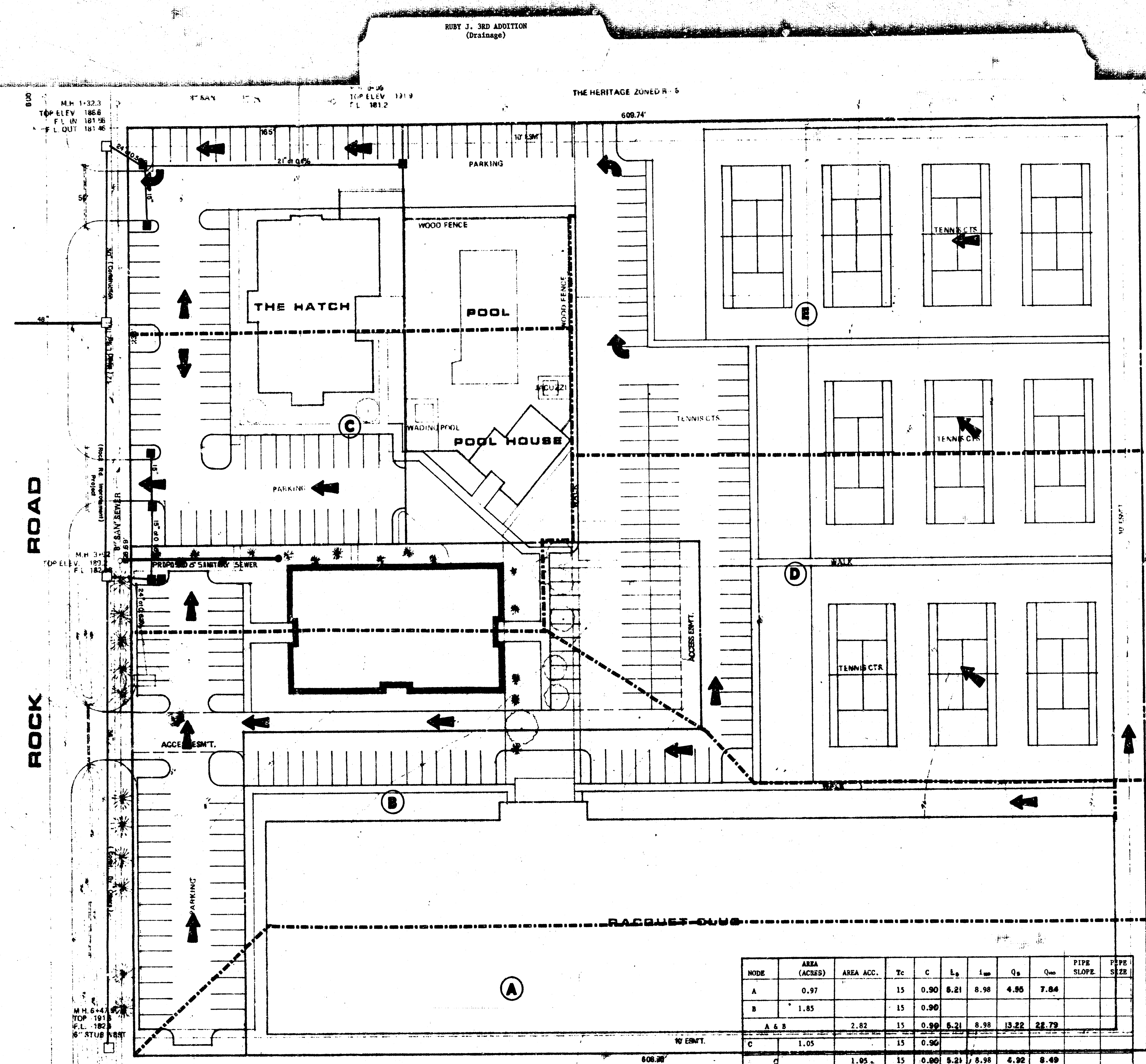


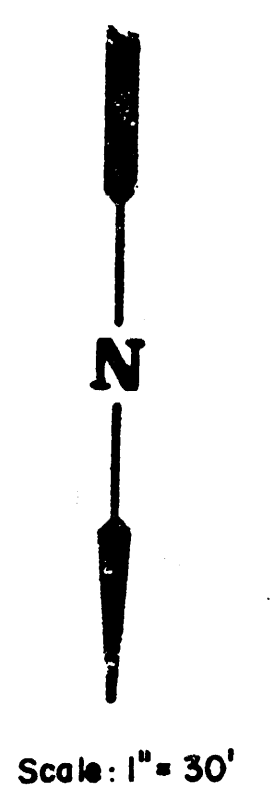
CHARLES C. KOCH ZONED AA

7" STEEL GAS LINE



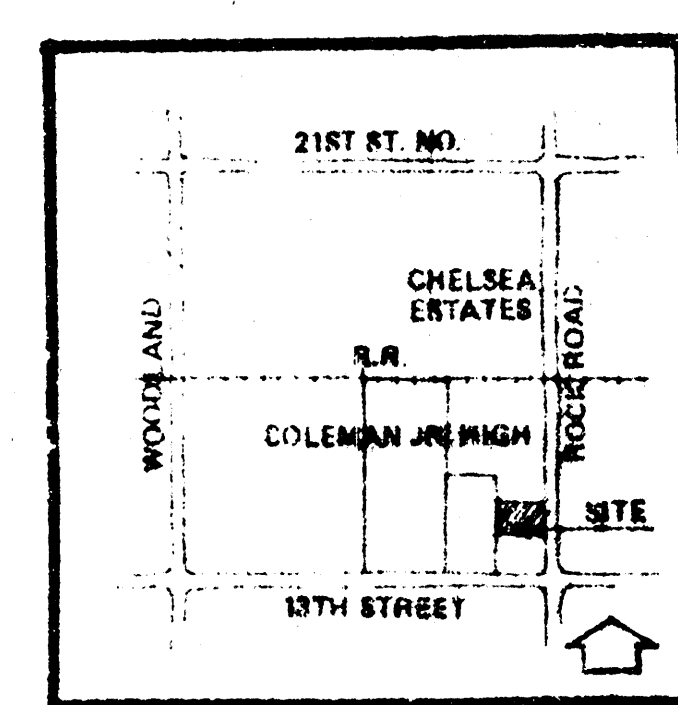
DRAINAGE PLAN FOR RUBY J. 3RD ADDITION

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		



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





MID-KANSAS ENGINEERING CONSULTANTS PA
240 NORTH ROCK ROAD
SUITE 130
VICHITA, KANSAS 67206

682-6541

Sheet 1 of 1

Design: KHB
Checked: DLM
Drawn: KHB
Date: AUGUST, 1984
Job No.