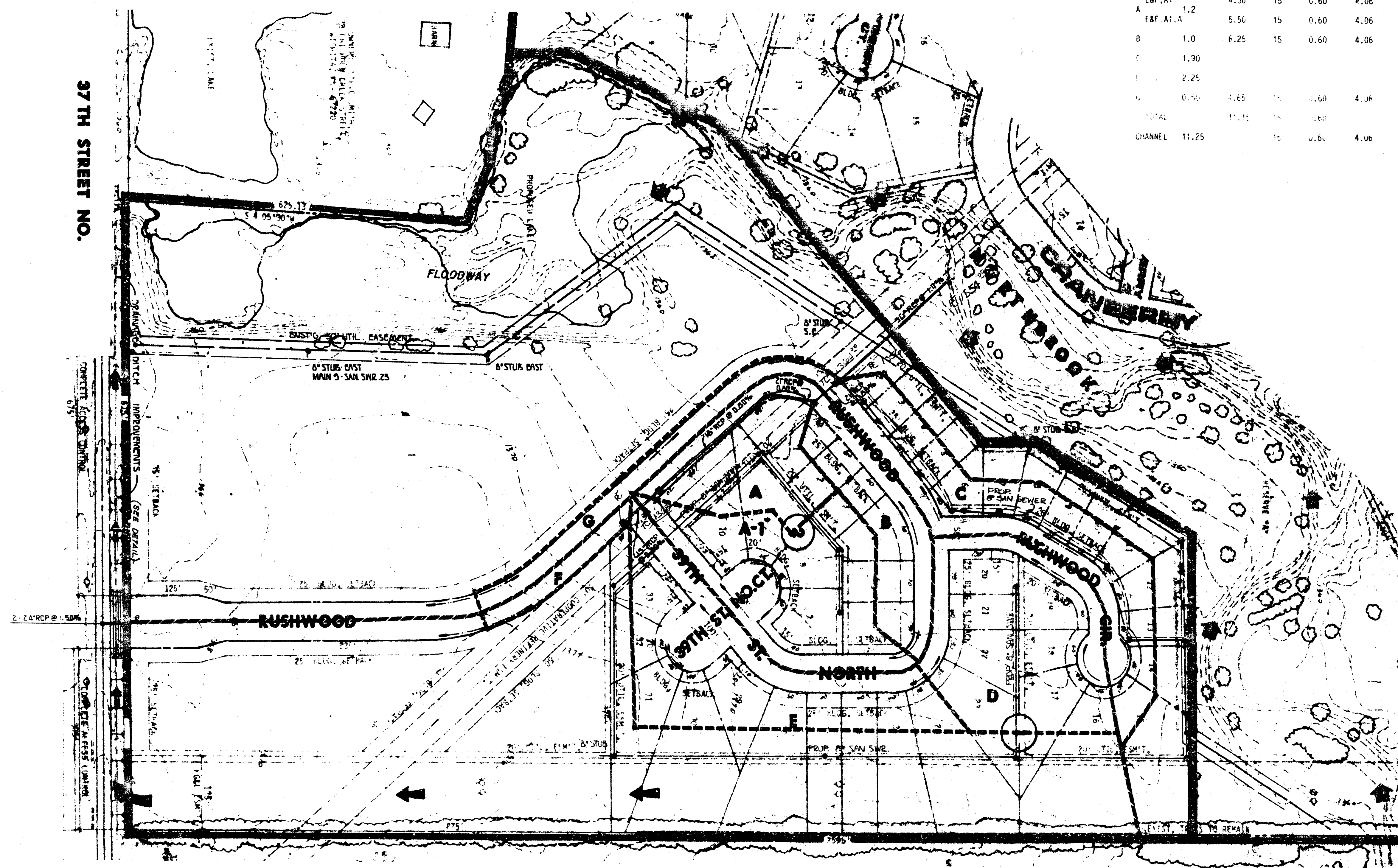


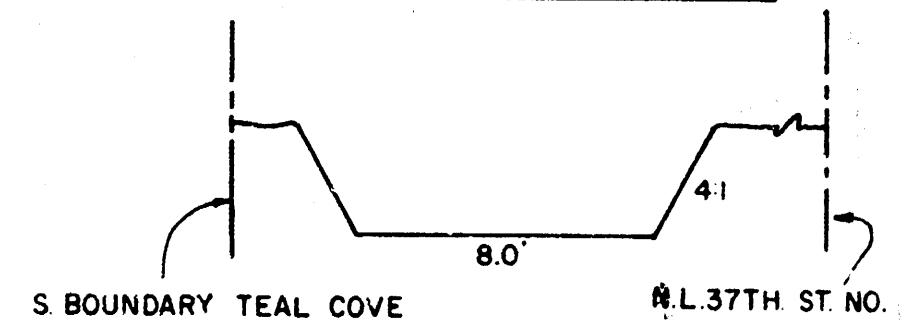
TEAL COVE ADDITION
(Drainage)

NODE	AREA ACRES	AREA ACC.	T.C. MIL	C	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	Q ₁₀₀	PIPE SIZE	PIPE SLOPE
E	2.15										
F	0.25										
A1	1.9	2.40	15	0.60	4.06	8.98	5.85	12.93	15"	0.50%	1 INLET
A	1.2	4.30	15	0.60	4.06	8.98	10.47	23.17	18"	0.60	1 INLET
B	1.0	5.50	15	0.60	4.06	8.98	13.40	29.63	21"	0.80	
C	1.90	6.25	15	0.60	4.06	8.98	15.23	33.68	21"	0.80	2 INLTS
D	2.25										
N	0.50	2.25	15	0.60	4.06	8.98	11.33	25.05			2 INLTS
TOTAL	11.11								60.08	36"	1.00%
CHANNEL	11.25		15	0.60	4.06	8.98	27.41	60.62	2-24"	1.5%	

N
1"=100'



TYPICAL CHANNEL DETAIL



NOTE: AN ADEQUATE STORM DRAINAGE SYSTEM
SHALL BE INSTALLED AT THE TIME OF
DEVELOPMENT OF LOTS 1833, BLOCK 1.



TEAL COVE
DRAINAGE PLAN

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

682-6561

Design	
Checked by	
Drawn by	
Scale	
Sheet	1
of	1