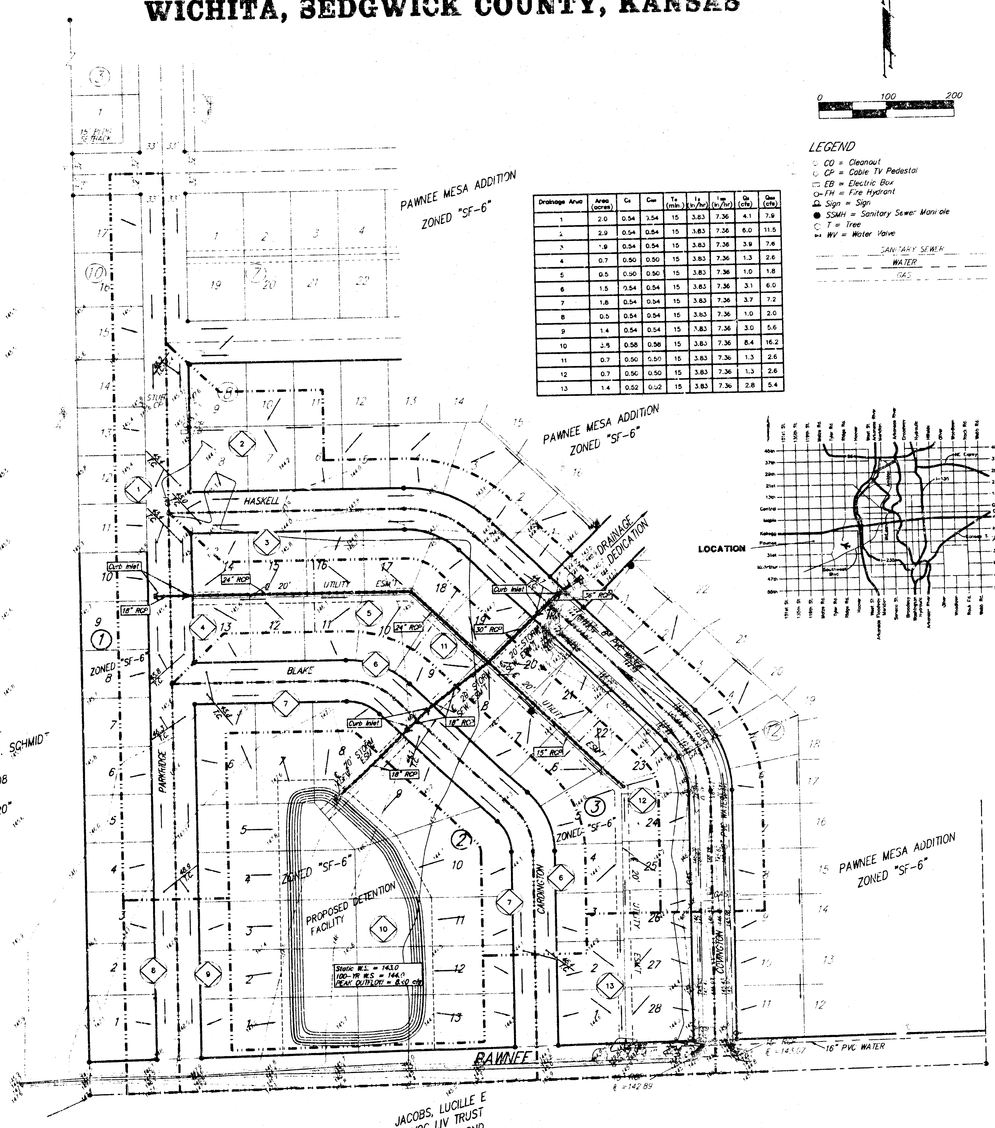
DRAINAGE PLAN

HUNTERS RIDGE ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



Drainage Area	Area (acres)	Cs	Cmr	T_c (min)	i_5 (in/hr)	i_{100} (in/hr)	Q_5 (cfs)	Q_{100} (cfs)
1	2.0	0.54	1.54	15	3.83	7.36	4.1	7.9
2	2.9	0.54	0.54	15	3.83	7.36	6.0	11.5
3	1.9	0.54	0.54	15	3.83	7.36	3.9	7.6
4	0.7	0.50	0.50	15	3.83	7.36	1.3	2.6
5	0.5	0.50	0.50	15	3.83	7.36	1.0	1.8
6	1.5	0.54	0.54	15	3.83	7.36	3.1	6.0
7	1.8	0.54	0.54	15	3.83	7.36	3.7	7.2
8	0.5	0.54	0.54	15	3.83	7.36	1.0	2.0
9	1.4	0.54	0.54	15	3.83	7.36	3.0	5.6
10	2.5	0.58	0.58	15	3.83	7.36	5.4	16.2
11	0.7	0.50	0.50	15	3.83	7.36	1.3	2.6
12	0.7	0.50	0.50	15	3.83	7.36	1.3	2.6
13	1.4	0.52	0.52	15	3.83	7.36	2.8	5.4

0 100 200

LEGEND

- CO = Cleanout
- CP = Cable TV Pedestal
- EB = Electric Box
- FH = Fire Hydrant
- Sign = Sign
- SSMH = Sanitary Sewer Manhole
- T = Tree
- WV = Water Valve

SANITARY SEWER
WATER
GAS

LOCATION

OWNER:
GREYSTONE CONTRUCTION INC.
ATTN: QUILTIN MOEDER
4700 W. IRVING
WICHITA, KS 67209

BENCHMARK:
COW BENCH MARK DISC 1/2 MILE EAST OF 119TH ST.
SOUTH SIDE OF PAWNEE, 34 SOUTH OF CTR LINE
PAWNEE AND 6' WEST OF HEDGE FOW SOUTH.
ELEV. 145.50

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.

LEGAL:
A PLAT OF LOTS 1 THROUGH 28, BLOCK 9, AND LOTS 1 THROUGH 10, BLOCK 10, AND LOTS 1 THROUGH 25, BLOCK 11, TOGETHER WITH THAT PART OF PARKRIDGE LYN.; EAST OF AND ADJACENT TO LOTS 1 THROUGH 10 IN SAID BLOCK 10, AND THAT PART OF BLAKE AND CARDINGTON LYING BETWEEN SAID BLOCKS 9 AND 11, AND ALL OF BLAKE CT. LYING IN SAID BLOCK 11, ALL AS PLATTED IN PAWNEE MESA ADDITION, AN ADDITION TO SEDGWICK COUNTY, KANSAS.

January 07, 1999

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211