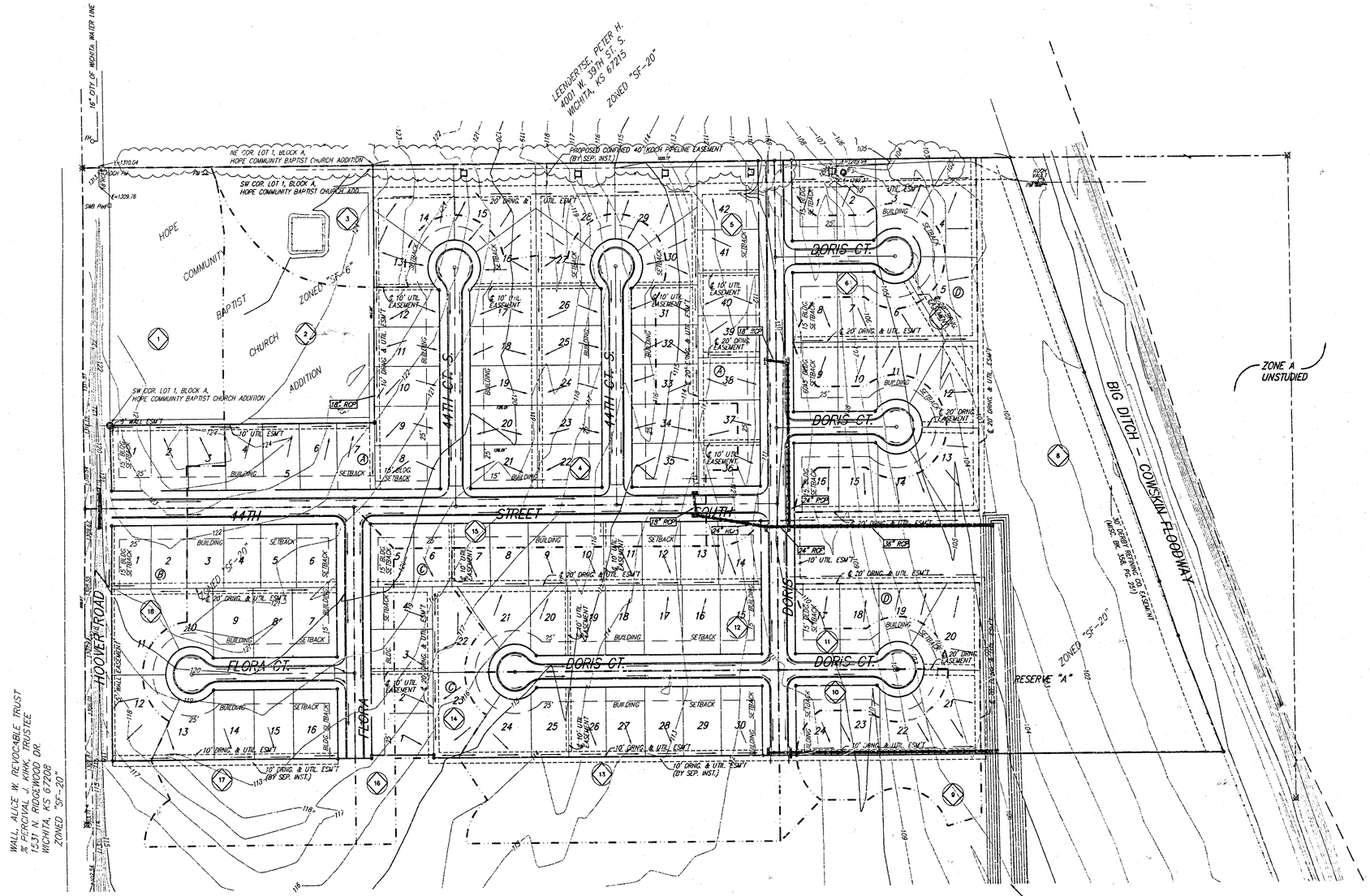
DRAINANGE PLAN
GRAY'S 5TH ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



0 100 200

Date of Preparation: 9 November 2001

● = #4 Rebar w/ "Baughman" cap (Set)
⊠ = Section cor. (Found)
○ = 1/2" Iron (Found)
◉ = #5 Rebar (Found)

(M) = Measured
(D) = Described
(P) = Platted
(C) = Calculated

BENCHMARK:
City disc 41.00' north and 69.00 east of centerline of Hoover and MacArthur.
Elev. = 1308.82 NGVD29 (121.22 City Datum)

NOTE:
A master grading plan for drainage has been developed for this subdivision and is on file with the City of Wichita, Kansas. All drainage easements, rights-of-ways, or reserves shall remain as established grades or as modified with the approval of the City Engineer of the City of Wichita, Kansas. No obstructions which impede the flow of this drainage system be allowed.

Minimum Building Pad Elevations for Lowest Opening to the Structures			
Lot	Block	Elevation	
		City Datum	NGVD29
4,5	D	1105.6	1293.0
12-21	D	1115.6	1293.0

Basin ID	Area acres	Runoff Coefficient 2-yr in/in	5-yr in/in	100-yr in/in	Peak Flowrate 2-yr cfs	5-yr cfs	100-yr cfs
1	3.7	0.42	0.44	0.59	6.0	7.4	16
2	1.9	0.42	0.44	0.59	3.1	3.8	8.3
3	1.2	0.42	0.44	0.59	1.9	1.4	5.2
4	7.8	0.42	0.44	0.59	13	16	34
5	4.6	0.42	0.44	0.59	7.4	9.2	20
6	2.7	0.42	0.44	0.59	4.3	5.4	12
7	3.0	0.42	0.44	0.59	4.8	6.0	13
8	7.5	0.42	0.44	0.59	12	15	33
9	2.1	0.42	0.44	0.59	3.4	4.2	9.1
10	0.8	0.42	0.44	0.59	1.3	1.6	3.5
11	0.7	0.42	0.44	0.59	1.1	1.4	3.0
12	3.2	0.42	0.44	0.59	5.1	6.4	14
13	4.2	0.42	0.44	0.59	6.8	8.4	18
14	1.2	0.42	0.44	0.59	1.9	2.4	5.2
15	1.1	0.42	0.44	0.59	1.8	2.2	4.8
16	1.0	0.42	0.44	0.59	1.6	2.0	4.3
17	5.1	0.42	0.44	0.59	8.2	10	22
18	1.7	0.42	0.44	0.59	2.7	3.4	7.4

Revised 30 April 2002
9 NOVEMBER 2001

BAUGHMAN COMPANY P.A.
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