DRAINGE PLAN

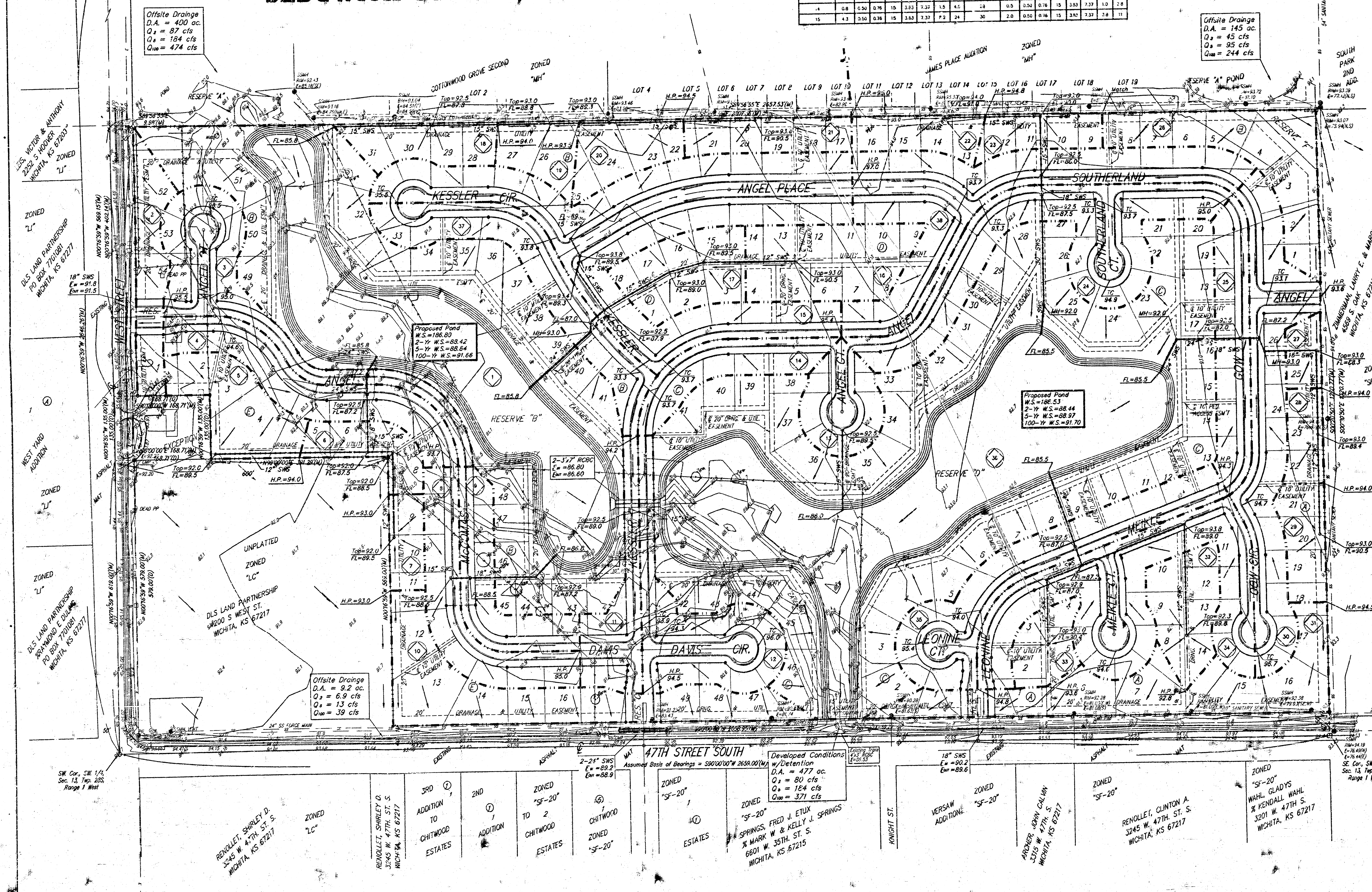
ANGEL FIRE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

Drainage Area	Area (acres)	C_2	C_{100}	T_c (min.)	I_2 (in/hr)	I_{100} (in/hr)	Q_2 (cfs)	Q_{100} (cfs)
1	9.8	0.50	0.76	15	3.83	7.37	19	55
2	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5
3	1.5	0.50	0.76	15	3.83	7.37	2.9	8.4
4	1.3	0.50	0.76	15	3.83	7.37	2.5	7.3
5	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6
6	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
7	0.3	0.50	0.76	15	3.83	7.37	0.6	1.7
8	1.2	0.50	0.76	15	3.83	7.37	2.3	6.7
9	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6
10	2.0	0.50	0.76	15	3.83	7.37	3.8	11
11	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5
12	1.5	0.50	0.76	15	3.83	7.37	2.9	8.4
13	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5
14	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5
15	4.3	0.50	0.76	15	3.83	7.37	8.2	24

Drainage Area	Area (acres)	C_2	C_{100}	T_c (min.)	I_2 (in/hr)	I_{100} (in/hr)	Q_2 (cfs)	Q_{100} (cfs)
16	1.3	0.50	0.76	15	3.83	7.37	2.5	7.3
17	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6
18	0.7	0.50	0.76	15	3.83	7.37	1.3	3.9
19	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
20	0.7	0.50	0.76	15	3.83	7.37	1.3	3.9
21	0.6	0.50	0.76	15	3.83	7.37	1.1	3.4
22	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
23	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
24	2.4	0.50	0.76	15	3.83	7.37	4.6	13
25	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6
26	1.4	0.50	0.76	15	3.83	7.37	2.7	7.8
27	0.2	0.50	0.76	15	3.83	7.37	0.4	1.1
28	0.4	0.50	0.76	15	3.83	7.37	0.8	2.2
29	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
30	2.0	0.50	0.76	15	3.83	7.37	3.8	11

Drainage Area	Area (acres)	C_2	C_{100}	T_c (min.)	I_2 (in/hr)	I_{100} (in/hr)	Q_2 (cfs)	Q_{100} (cfs)
31	2.0	0.50	0.76	15	3.83	7.37	3.8	11
32	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5
33	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
34	2.6	0.50	0.76	15	3.83	7.37	5.0	15
35	1.8	0.50	0.76	15	3.83	7.37	3.4	10
36	15.4	0.50	0.76	15	3.83	7.37	30	86
37	1.5	0.50	0.76	15	3.83	7.37	2.9	8.0
38	2.7	0.50	0.76	15	3.83	7.37	5.2	15



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DEVELOPER:
CAYWOOD, LLC
ATTN: MATT ECK
5512 W. CENTRAL
WICHITA, KS 67212
PH. (316) 942-7402

LEGAL DESCRIPTION:
THE S 1/2 OF THE SW 1/4, SEC. 13, TWP. 28-S, R-1-W OF THE 6TH P.M., EXCEPT THE SOUTH 613.00 FEET OF THE WEST 600.00' AND EXCEPT THE WEST 203.71 OF THE FEET NORTH 135.00 FEET OF THE SOUTH 754.00 FEET THERE OF.

BENCHMARK:
"□" CUT 56.7' SE OF THE SE COR OF THE SW 1/4, TO THE NE CORNER CONCRETE LIFT STATION PAD. ELEV=91.35 CITY DATUM

RESERVES "A", "B", AND "F" ARE RESERVED FOR OPEN SPACE, LANDSCAPING, BERMS, SIDEWALKS, DRAINAGE PURPOSES, AND UTILITIES AS CONFINED TO EASEMENTS.

RESERVES "C", "D" AND "E" ARE RESERVED FOR ENTRY MONUMENTS, STREETS, OPEN SPACE, LANDSCAPING, UTILITIES AND BERMS.

● = #4 Baughman Rebar Set
○ = #4 Rebar in Thimble Found
□ = 3/4" Iron Pipe in Thimble Found
△ = #4 Mid Kansas Rebar Found
Ø = Mid Kansas 3/4" Iron Pipe Found

CP ○ = Cable TV Pedestal
EB □ = Electric Box
Guy —— = Guy Anchor
LP ○ = Light Pole
PP □ = Power Pole
SD = Satellite Dish
Sign = Sign
SSMH ● = Sanitary Sewer Manhole
T ⊙ = Tree
XFMR □ = Transformer
SWB Ped □ = Southwestern Bell Pedestal

WATER LINE
SOUTHWESTERN BELL
GAS LINE
CABLE TV
FENCE
ELECTIRC LINE
SANITARY SEWER
APPROXIMATE LOCATION OF 12" WATER LINE

19 JUNE 20..

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