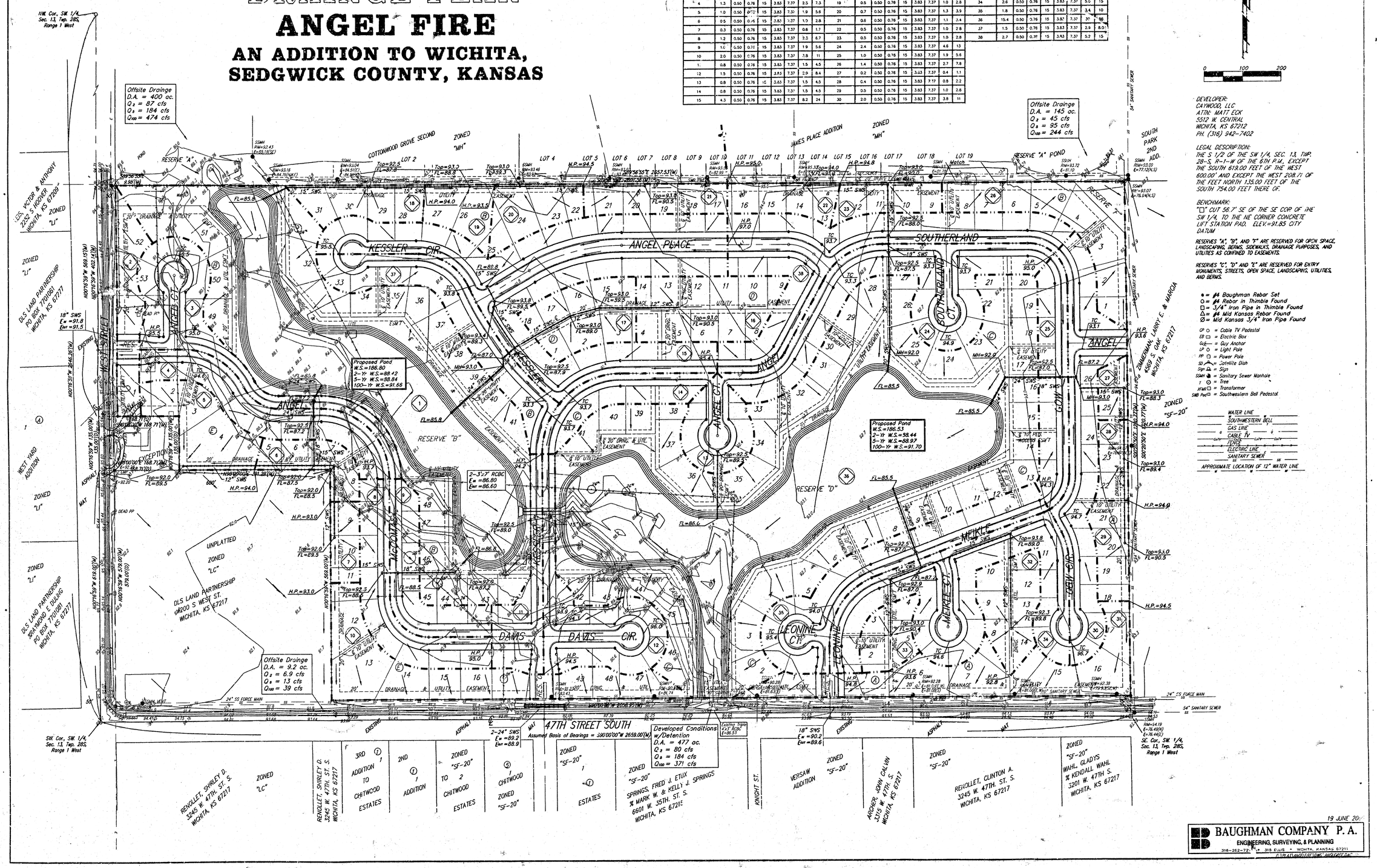
DRAINGE PLAN

ANGEL FIRE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

Drainage Area	Area (acres)	Cx	Cw	Tc (min.)	I1 (in/hr)	I10 (in/hr)	Q5 (cfs)	Q100 (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
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
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	88
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



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 619.00 FEET OF THE WEST 600.00' AND EXCEPT THE WEST 208.71' OF THE FEET NORTH 135.00 FEET OF THE SOUTH 754.00 FEET THERE OF.

BENCHMARK:
"D" CUT, 56.7' SE OF THE SE COR. OF THE SW 1/4, TO THE NE CORNER CONCRETE LIFT STATION PAD. ELEV.=91.85 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
- GyE = 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
ELECTRIC LINE
SANITARY SEWER
APPROXIMATE LOCATION OF 12" WATER LINE

19 JUNE 20

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