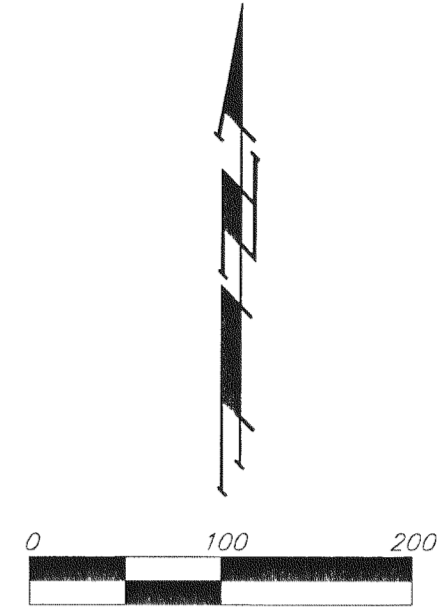


DRAINAGE CONCEPT

ANGEL FIRE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

Drainage Area	Area (acres)	C _s	C _m	T _t (min)	L _t (in/hr)	I _t (in/hr)	Q _t (cfs)	Q _m (cfs)	Drainage Area	Area (acres)	C _s	C _m	T _t (min)	L _t (in/hr)	I _t (in/hr)	Q _t (cfs)	Q _m (cfs)	Drainage Area	Area (acres)	C _s	C _m	T _t (min)	L _t (in/hr)	I _t (in/hr)	Q _t (cfs)	Q _m (cfs)
1	9.8	0.50	0.76	15	3.83	7.37	19	5.5	16	1.3	0.50	0.76	15	3.83	7.37	2.5	7.3	31	2.0	0.50	0.76	15	3.83	7.37	3.8	11
2	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5	17	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6	32	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	18	0.7	0.50	0.76	15	3.83	7.37	1.3	3.9	33	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8
4	1.3	0.50	0.76	15	3.83	7.37	2.5	7.3	19	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
5	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6	20	0.7	0.50	0.76	15	3.83	7.37	1.3	3.9	35	1.8	0.50	0.76	15	3.83	7.37	3.4	10
6	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8	21	0.6	0.50	0.76	15	3.83	7.37	1.1	3.4	36	15.4	0.50	0.76	15	3.83	7.37	30	86
7	0.3	0.50	0.76	15	3.83	7.37	0.6	1.7	22	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8	37	1.5	0.50	0.76	15	3.83	7.37	2.9	8.0
8	1.2	0.50	0.76	15	3.83	7.37	2.3	6.7	23	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8	38	2.1	0.50	0.76	15	3.83	7.37	4.0	12
9	1.0	0.50	0.76	15	3.83	7.37	1.9	5.6	24	1.6	0.50	0.76	15	3.83	7.37	3.1	9.0									
10	2.0	0.50	0.76	15	3.83	7.37	3.8	11	25	1.8	0.50	0.76	15	3.83	7.37	3.4	10									
11	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5	26	1.4	0.50	0.76	15	3.83	7.37	2.7	7.8									
12	1.5	0.50	0.76	15	3.83	7.37	2.9	8.4	27	0.2	0.50	0.76	15	3.83	7.37	0.4	1.1									
13	0.5	0.50	0.76	15	3.83	7.37	1.5	4.5	28	0.4	0.50	0.76	15	3.83	7.37	0.8	2.2									
14	0.8	0.50	0.76	15	3.83	7.37	1.5	4.5	29	0.5	0.50	0.76	15	3.83	7.37	1.0	2.8									
15	4.3	0.50	0.76	15	3.83	7.37	8.2	24	30	2.6	0.50	0.76	15	3.83	7.37	5.0	15									



DEVELOPER:
CAVWOOD, 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, T1P.
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 168.71' OF
THE FEET NORTH 135.00 FEET OF THE
SOUTH 734.00 FEET THERE OF.

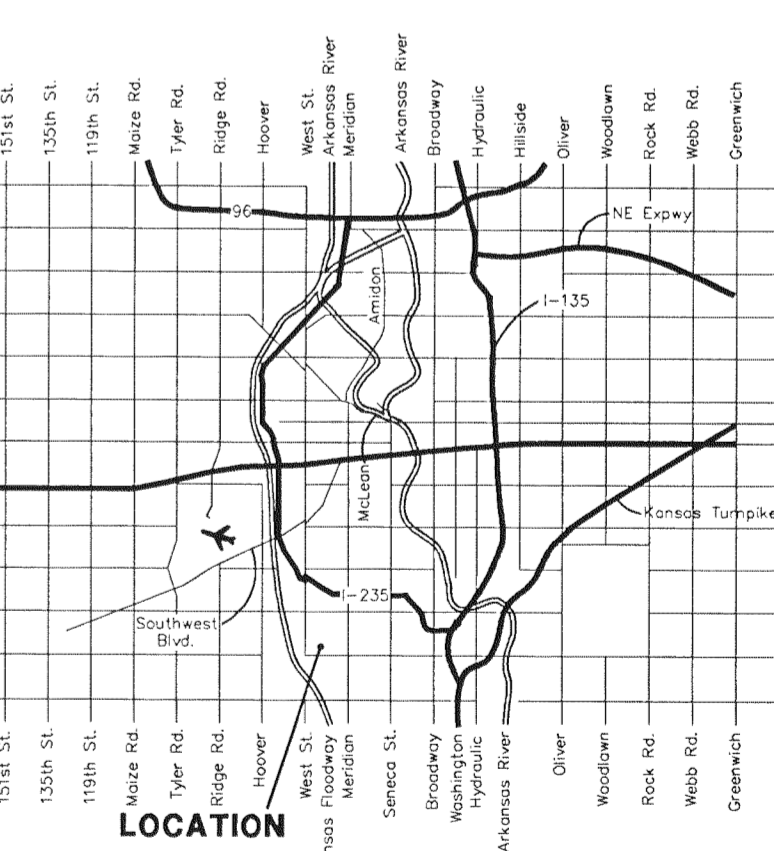
BENCHMARK:
"1" CUT 56.7' SE OF THE SE COR OF THE
SW 1/4, TO THE NE CORNER CONCRETE
LIFT STATION PAD. ELEV.=91.85 CITY
DATUM

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

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

- = #4 Baughman Rebar Set
- = #4 Rebar in Thimble Found
- = 3/4" Iron Pipe in Thimble Found
- △ = #4 Mid Kansas Rebar Found
- ⊙ = Mid Kansas 3/4" Iron Pipe Found
- CP = Cable TV Pedestal
- EB = Electric Box
- GA = Guy Anchor
- LP = Light Pole
- PP = Power Pole
- SD = Satellite Dish
- Sign = Sign
- SSMH = Sanitary Sewer Manhole
- T = Tree
- TR = 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

NW Cor., SW 1/4,
Sec. 13, Twp. 28S,
Range 1 West

LEIS, VICTOR & ANTHONY
2222 S HOOPER
WICHITA, KS 67209
ZONED "L"

DLS LAND PARTNERSHIP
PO BOX 770081
WICHITA, KS 67277
ZONED "L"

WEST YARD
ADDITION
ZONED "L"

DLS LAND PARTNERSHIP
PO BOX 770081
WICHITA, KS 67277
ZONED "L"

DLS LAND PARTNERSHIP
PO BOX 770081
WICHITA, KS 67277
ZONED "L"

SW Cor., SW 1/4,
Sec. 13, Twp. 28S,
Range 1 West

RENOLLET, SHIRLEY D.
3245 W. 47TH. ST. S.
WICHITA, KS 67217
ZONED "LC"

3RD ADDITION TO
CHITWOOD
ESTATES
ZONED "SF-20"

Offsite Drainage
D.A. = 400 ac.
Q_s = 474 cfs
Q_m = 184 cfs
Q₁₀₀ = 87 cfs

Offsite Drainage
D.A. = 9.2 ac.
Q_s = 6.9 cfs
Q_m = 1.3 cfs
Q₁₀₀ = .39 cfs

Proposed Pond
W.S. = 187.00

Proposed Pond
W.S. = 186.53

47TH STREET SOUTH
Assumed Basis of Bearings = S90°00'00"W 2659.00'(W)

RENOLLET, SHIRLEY D.
3245 W. 47TH. ST. S.
WICHITA, KS 67217
ZONED "LC"

3RD ADDITION TO
CHITWOOD
ESTATES
ZONED "SF-20"

2ND ADDITION TO
CHITWOOD
ESTATES
ZONED "SF-20"

CHITWOOD
ESTATES
ZONED "SF-20"

ESTATES
ZONED "SF-20"

SPRINGS, FRED J. ETUX
& KELLY J. SPRINGS
8601 W. 35TH. ST. S.
WICHITA, KS 67215
ZONED "SF-20"

VERSAW
ADDITION
ZONED "SF-20"

ARCHER, JOHN CALVIN
3315 W. 47TH. ST. S.
WICHITA, KS 67217
ZONED "SF-20"

RENOLLET, CLINTON A.
3245 W. 47TH. ST. S.
WICHITA, KS 67217
ZONED "SF-20"

WAHL, GLADYS
& KENDALL WAHL
3201 W. 47TH. ST. S.
WICHITA, KS 67217
ZONED "SF-20"