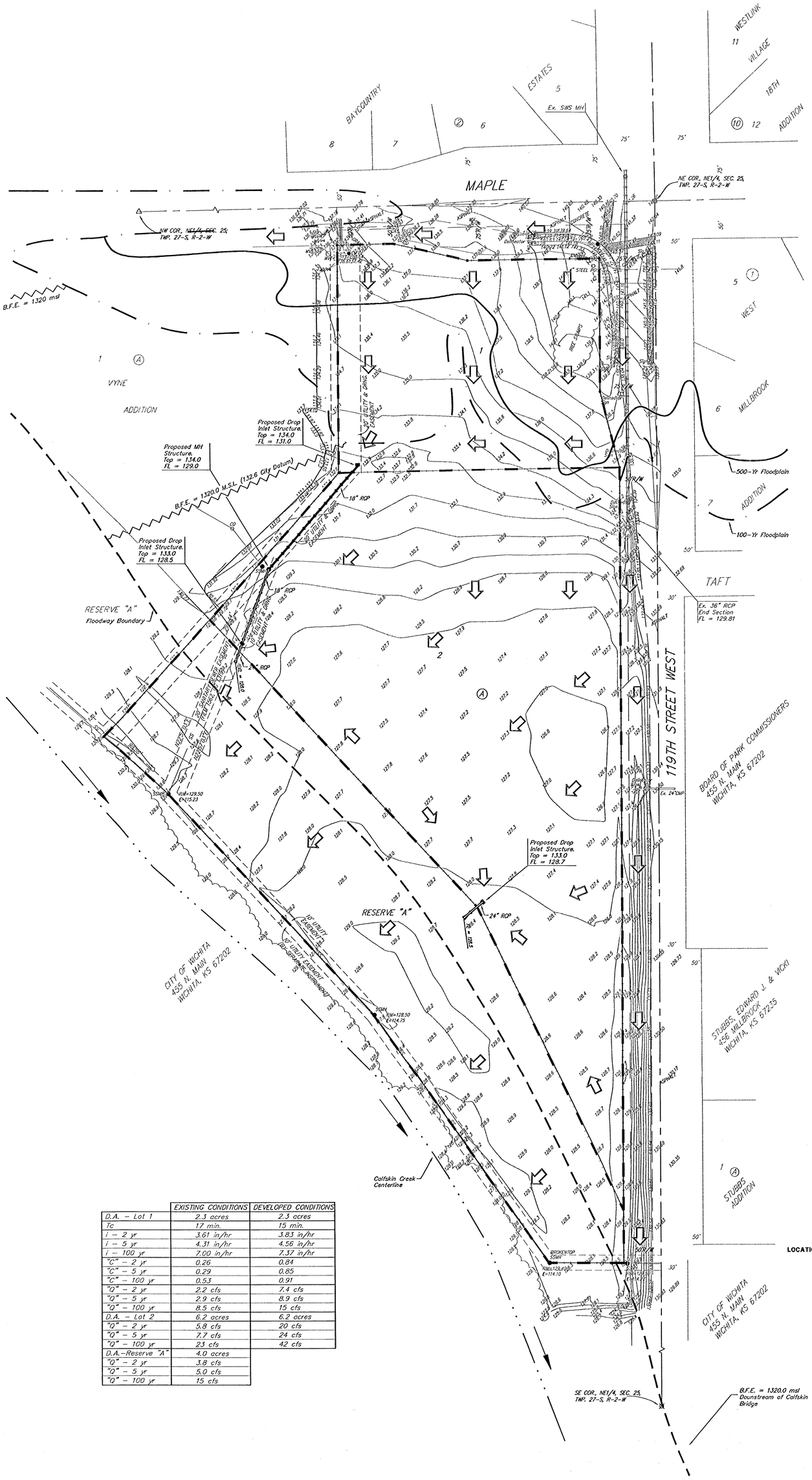
DRAINAGE PLAN
THUNDERBIRD OFFICE PARK
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



	EXISTING CONDITIONS	DEVELOPED CONDITIONS
D.A. – Lot 1	2.3 acres	2.3 acres
Tc	17 min.	15 min.
i – 2 yr	3.61 in/hr	3.83 in/hr
i – 5 yr	4.31 in/hr	4.56 in/hr
i – 100 yr	7.00 in/hr	7.37 in/hr
"C" – 2 yr	0.26	0.84
"C" – 5 yr	0.29	0.85
"C" – 100 yr	0.53	0.91
"Q" – 2 yr	2.2 cfs	7.4 cfs
"Q" – 5 yr	2.9 cfs	8.9 cfs
"Q" – 100 yr	8.5 cfs	15 cfs
D.A. – Lot 2	6.2 acres	6.2 acres
"Q" – 2 yr	5.8 cfs	20 cfs
"Q" – 5 yr	7.7 cfs	24 cfs
"Q" – 100 yr	23 cfs	42 cfs
D.A.–Reserve "A"	4.0 acres	
"Q" – 2 yr	3.8 cfs	
"Q" – 5 yr	5.0 cfs	
"Q" – 100 yr	15 cfs	

0 60 120

DATE OF PREPARATION: 01 OCTOBER 2001
DATE OF TOPOGRAPHY: 26 SEPTEMBER 2001
CONTOUR INTERVALS = 1 FOOT

OWNER:
SPRING CREEK RESOURCES LLC
c/o J. WILLIAM OWEN &
CHARLES W. AKINS, JR.
14310 E. SPRING CREEK DRIVE
WICHITA, KANSAS 67230
PH. (316) 733-8404

BENCHMARK:
CITY OF WICHITA BENCHMARK DISC –
1/2 MI. SOUTH OF MAPLE &
39' E. OF ℄ 119TH ST. WEST
ELEV. = 130.36 CITY DATUM

RESERVE "A" SHALL BE RESERVED FOR FLOODWAY, DRAINAGE, AND ALL PUBLIC PARK USES.

⌀ = ¾" REBAR W/ "BAUGHMAN" CAP (FOUND)
● = ¾" REBAR W/ "BAUGHMAN" CAP (SET)
⊠ = ¾" REBAR (FOUND)
⊡ = 1/2" IRON IN CONC. IN 6X6 STEEL BOX (FOUND)
△ = 1/2" IRON (FOUND)

(M) = MEASURED
(D) = DESCRIBED
(P) = PLATTED

EB = Electric Box
FH = Fire Hydrant
GP = Guy Pole
GyE = Guy Anchor
GV = Gas Valve
PM = Pipeline Marker
EM = Electric Meter
pp = Power Pole
Sign = Sign
SSMH = Sanitary Sewer Manhole
SWBMH = Southwestern Bell Manhole
TB = Traffic Box
TMH = Traffic Manhole
WM = Water Meter
WV = Water Valve
WVT = Water Vault

GAS — GAS LINE
E — ELECTRIC LINE
W — WATER LINE
CaTV — CABLEVISION LINE
SS — SANITARY SEWER LINE
STORM WATER SEWER LINE

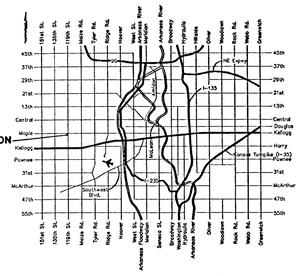
DRAINAGE NOTES:

1. The soil type per Soil Survey of Sedgwick County is Vanoss silt loam, Tabler Drummond complex, and Elandco silt loam. The hydrologic classification for the soil is B, D & B in their respective order.

2. This parcel of land is located in a Federal Emergency Management Agency (FEMA) Zone A2 per FIRM Map (LOMR) 200328 0020 B, Effective Date July 26, 1997.

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	NGVD
1 & 2	A	134.6	1322.0

LOCATION



26 NOVEMBER 2001

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