

"B"
 DA = 1.0 Ac.
 Tc = 14.5 min.
 Cc = 0.36 C100 = 0.54
 Qc = 1.4 cfs
 Q100 = 4.0 cfs
 15" Pipe

"D"
 DA = 1.3 Ac.
 Tc = 14.4 min.
 Cc = 0.36 C100 = 0.54
 Qc = 1.8 cfs
 Q100 = 5.1 cfs
 15" Pipe

"E" and "F"
 Total DA = 2.7 Ac.
 Tc = 13.2 min.
 Cc = 0.36 C100 = 0.54
 Qc = 3.6 cfs
 Q100 = 10.2 cfs
 18" Pipe

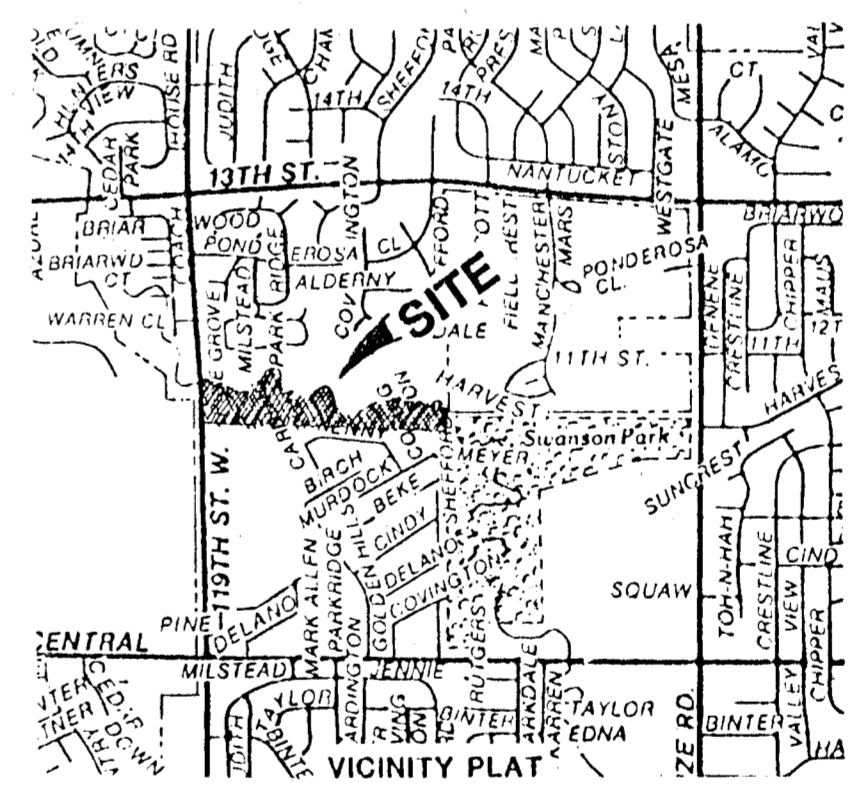
"C"
 DA = 3.2 Ac.
 Tc = 16.9 min.
 Cc = 0.36 C100 = 0.54
 Qc = 4.2 cfs
 Q100 = 12.1 cfs
 (18" Pipe)

"A"
 DA = 4.6 Ac.
 Tc = 16.7 min.
 Cc = 0.36 C100 = 0.54
 Qc = 7.3 cfs
 Q100 = 22.8 cfs
 24" Pipe

"E"
 DA = 0.9 Ac.
 Tc = 13.2 min.
 Cc = 0.36 C100 = 0.54
 Qc = 1.3 cfs
 Q100 = 3.8 cfs
 15" Pipe

Existing 30" RCP
 Qc @ this point = 43.5 cfs
 Q100 = 103.3 cfs
 Tc = 12.8 min.
 (Add to Area "C")

N
 1" = 100'
 ELEV = M.S.L.



MINIMUM PAD ELEVATIONS

LOT	CITY DATUM	M.S.L.
1		
2		1333
3		
4		
5		
6		
7		1333
8		1332
9		
10		
11		
12		
13		1332
14		1331
15		
16		
17		
18		
19		
20		
21		1331
22		1330
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		1330
34		1331
35		1331

DRAINAGE PLAN

LOST CREEK ESTATES

PART OF SEC 18, TWP 27-S, R-1-W OF THE 6TH PM,
 SEDGWICK COUNTY, KANSAS

J. W. RUSSELL CONSTRUCTION, INC.