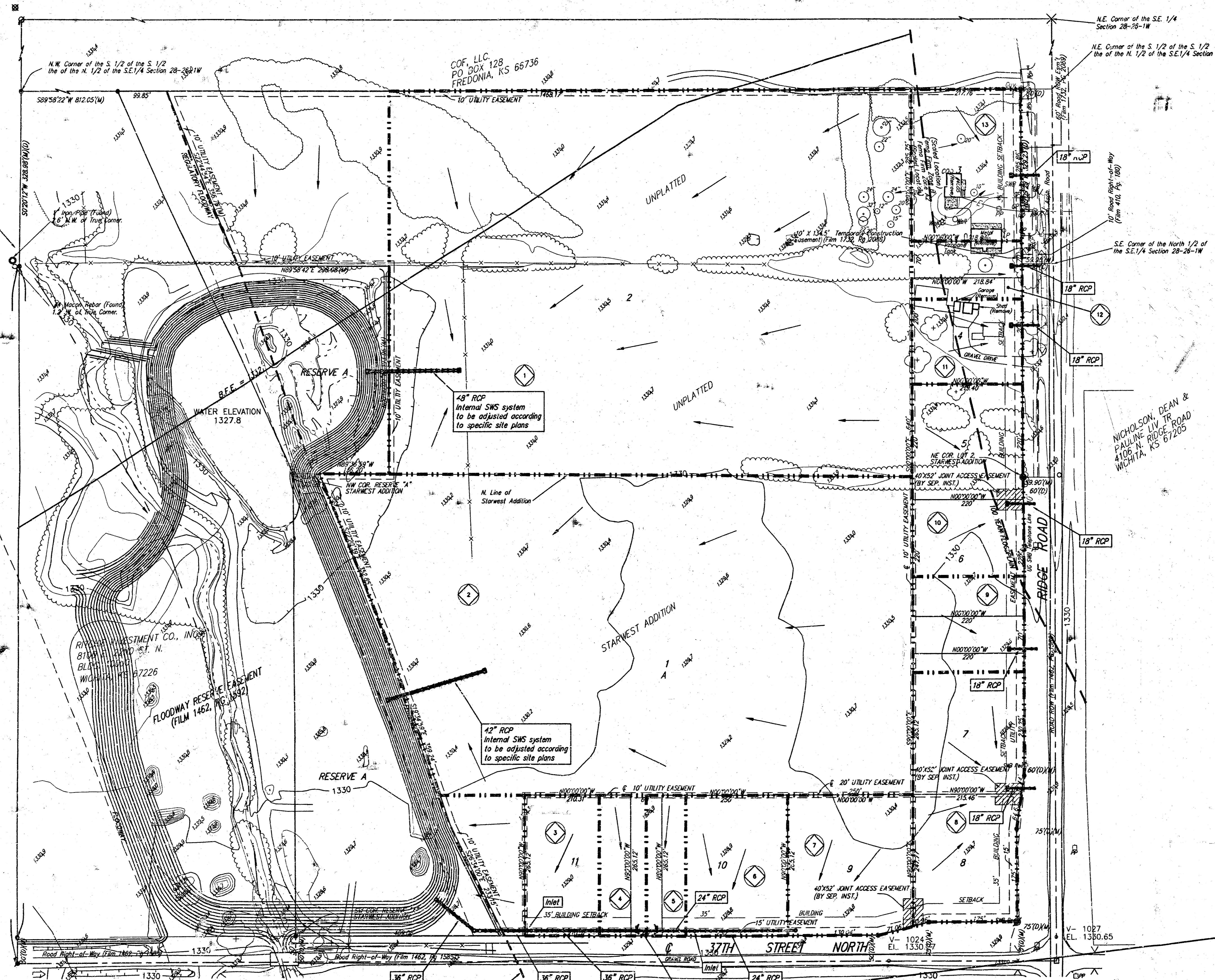


DRAINAGE PLAN NORTHRIDGE PLAZA ADDITION WICHITA, SEDGWICK COUNTY, KANSAS



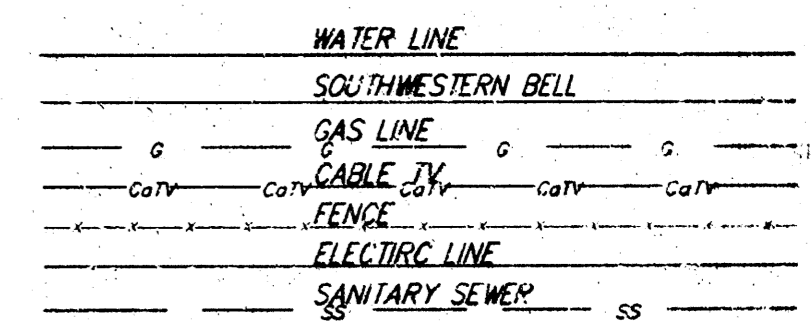
Big Slough North
OFF-SITE
DRAINAGE
D.A. = 4.5 sq. mi.
Tc = 4.5 hr.

COF, LLC.
PO BOX 128
FREDONIA, KS 66736

BENCHMARK:
"1" ON HUBBARD OF R.C.B.C.
73' W. OF SE COR., SE 1/4, SEC. 28,
T1P. 26-S, R-1-W
ELEV. = 1315.52 M.S.L. (144.12 CITY DATUM)

DATE OF PREPARATION: JUNE 25, 2001
CONTOUR INTERVAL = 2'

- CO = Cleanout
 - ER = Electric Box
 - LP = Light Pole
 - MB = Mail Box
 - PP = Power Pole
 - WO = Cased Well
 - TR = Transformer
 - T = Tree
 - (M) = Measured
 - (C) = Calculated
 - (D) = Described
- ⊖ = #4 Baughman Rebar (Set)
 - ⊙ = #4 Macon Rebar (Found)
 - ⊠ = Roll Road Spike (Found)
 - ⊗ = Chiseled Cross (Found)
 - ⊕ = 1" Iron Pipe (Found)
 - ⊗ = 3/4" Iron Pipe (Found)
 - ⊙ = #5 Rebar (Found)
 - ⊖ = #4 Rebar (Found)

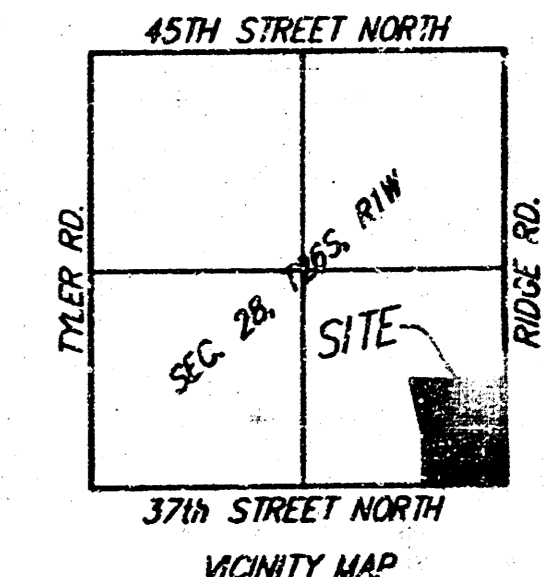


Hydrologic Data:
Primary Soil Type "C"
All flowrates based on
Time of Concentration of 15 min.

BASIN NO.	BASIN AREA ACRES	RATIONAL "C" IN/IN	PEAK FLOWRATE		
			2-y cfs	5-y cfs	100-y cfs
1	17	0.80	60	70	110
2	15	0.80	50	58	100
3	0.9	0.8	7	17	4.0
4	0.5	0.8	1.7	2.0	3.7
5	0.5	0.80	1.7	2.0	3.7
6	1.2	0.80	4.1	4.9	8.0
7	1.5	0.80	3.2	6.2	8.9
8	2.3	0.80	7.9	8.9	15
9	0.8	0.80	3.1	3.7	6.0
10	1.8	0.80	6.2	7.4	12
11	0.8	0.80	2.8	3.3	5.3
12	0.8	0.80	2.7	2.8	4.5
13	1.4	0.80	4.8	5.7	8.3

Pre-Developed Conditions	Pos-Developed Conditions
Q ₁ = 1570	Q ₁ = 1550
Q ₂ = 2690	Q ₂ = 2660
Q ₁₀₀ = 6510	Q ₁₀₀ = 6420

B.F.E. = 1331'



NOTE:
NO BUILDING PERMITS ARE TO BE ISSUED FOR ANY LOTS THAT ARE LOCATED IN THE SPECIAL FLOOD HAZARD AREA WITHIN NORTHRIDGE PLAZA ADDITION UNLESS THE LOWEST FLOOR CAN BE CONSTRUCTED AT OR ABOVE THE ELEVATION SHOWN ABOVE, OR UNLESS A LETTER OF MAP REVISION HAS BEEN ISSUED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY THAT REMOVES THE SUBJECT PROPERTY FROM THE SPECIAL FLOOD HAZARD AREA, WHICH WOULD THEN ALLOW BUILDINGS TO BE CONSTRUCTED WITH THE LOWEST OPENING AS SPECIFIED ABOVE.