

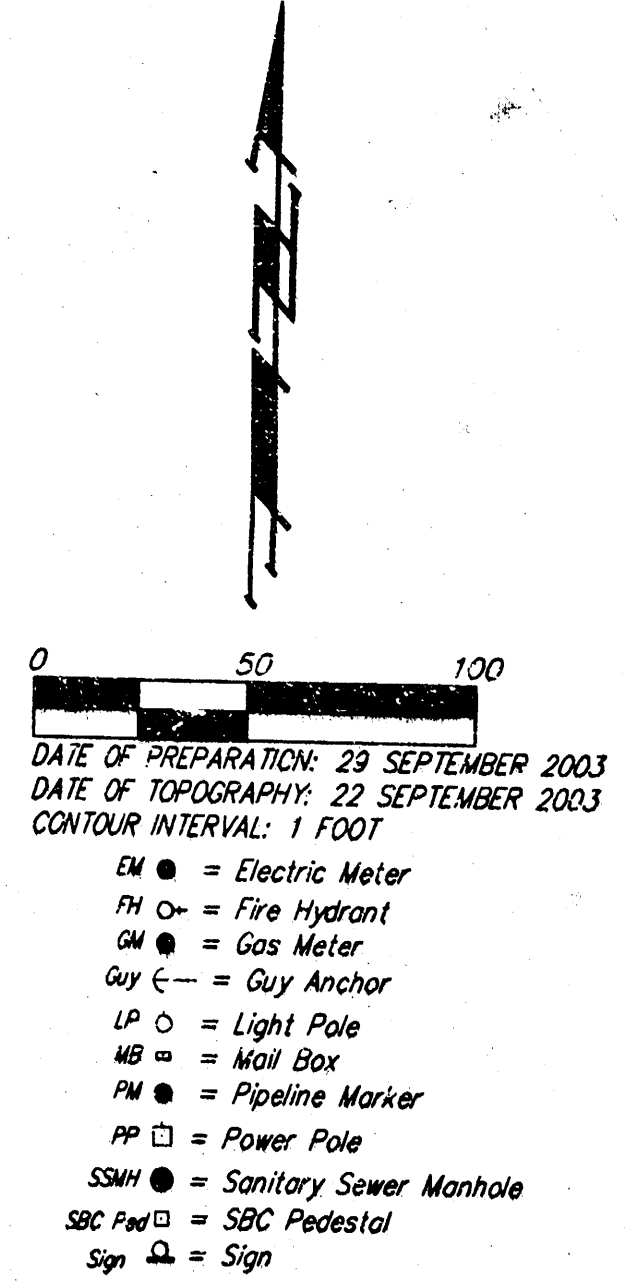
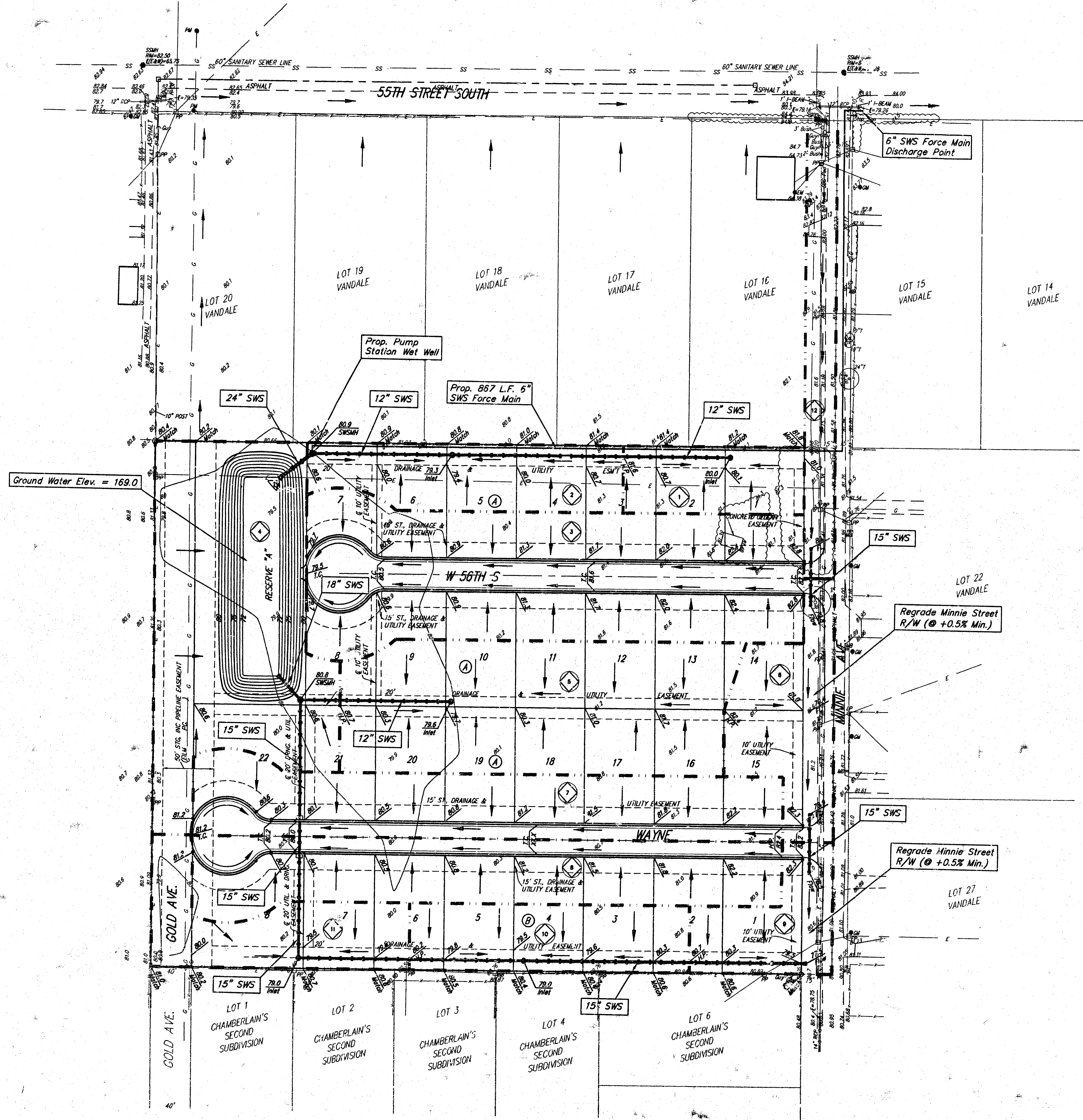
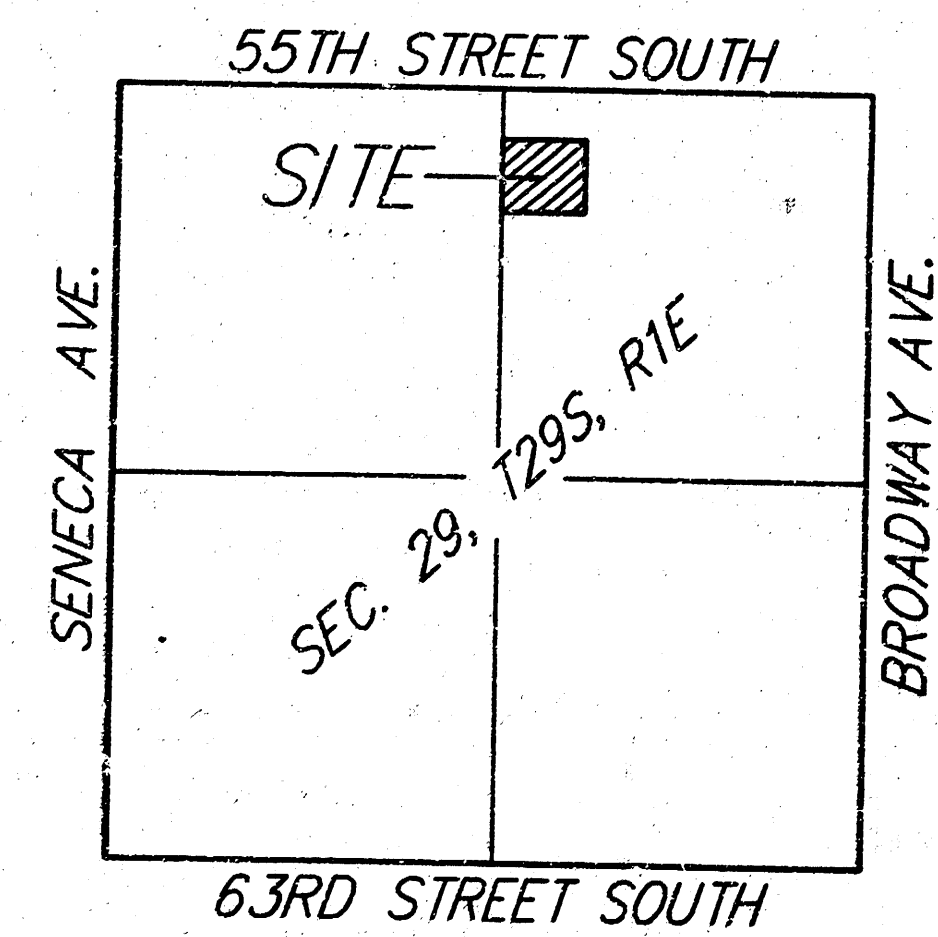
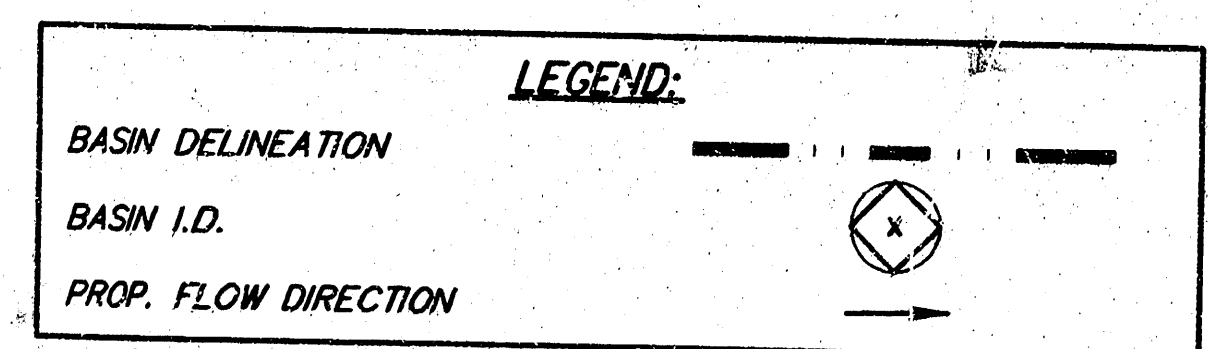
DRAINAGE PLAN MY HOUSE ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

Dry Detention Storage Volume Requirement

Elev. (city)	Area (ac.)	Vol. (ac-ft)	Sum. (ac-ft)
71	0.00		
72	0.15	0.08	0.08
73	0.18	0.17	0.24
74	0.22	0.20	0.44
75	0.23	0.24	0.68
76	0.29	0.27	0.94
77	0.32	0.30	1.24
78	0.35	0.34	1.58
79	0.40	0.35	1.95
80	0.66	0.53	2.48

My House Addition - Rational Method - Q = cA - to = 15 min.

Basin	Area	C ₁	C ₂	C ₃	C ₄	Q ₁ (cfs)	Q ₂ (cfs)	Q ₃ (cfs)
1	0.26	0.44	0.46	0.61	0.4	0.5	1.2	
2	0.42	0.44	0.46	0.61	0.7	0.9	1.9	
3	1.43	0.44	0.46	0.61	2.4	3.0	6.4	
4	1.18	0.44	0.46	0.61	2.0	2.5	5.3	
5	1.08	0.44	0.46	0.61	1.8	2.3	4.9	
6	0.41	0.44	0.46	0.61	0.7	0.9	1.8	
7	0.84	0.44	0.46	0.61	1.4	1.8	3.8	
8	0.84	0.44	0.46	0.61	1.4	1.8	3.8	
9	0.27	0.44	0.46	0.61	0.5	0.6	1.2	
10	0.39	0.44	0.46	0.61	0.7	0.9	1.8	
11	0.39	0.44	0.46	0.61	0.7	0.9	1.8	
12	0.29	0.44	0.46	0.61	0.5	0.6	1.3	
TOTAL	7.80				19.1	16.4	35.1	



#4 REBAR W/ "BALLOON" CAP (FOUND)
 #4 REBAR W/ "BALLOON" CAP (SET)
 #4 REBAR (FOUND)
 1" IRON PIPE (FOUND)
 1/2" PINCHED IRON (FOUND)
 3/4" IRON PIPE (FOUND)
 BOLT (FOUND)
 RAILROAD SPIKE (FOUND)
 #4 REBAR (FOUND)

CONTRACT PURCHASER:
 Lee Harp
 10300 W. Central
 Wichita, Kansas 67212
 316-461-5657

LEGAL DESCRIPTION:
 A replat of all of Lot 21, Vandale, Sedgwick County, Kansas, together with Lot 28 in said Vandale, EXCEPT that part platted as Chamberlain's Second Subdivision in Vandale, Sedgwick County, Kansas.

BENCHMARK:
 City of Wichita Benchmark
 NW corner of intersection of 55th St. S. and Broadway.

City Datum = 84.47
 N.G.V.D.29 = 1271.87

