

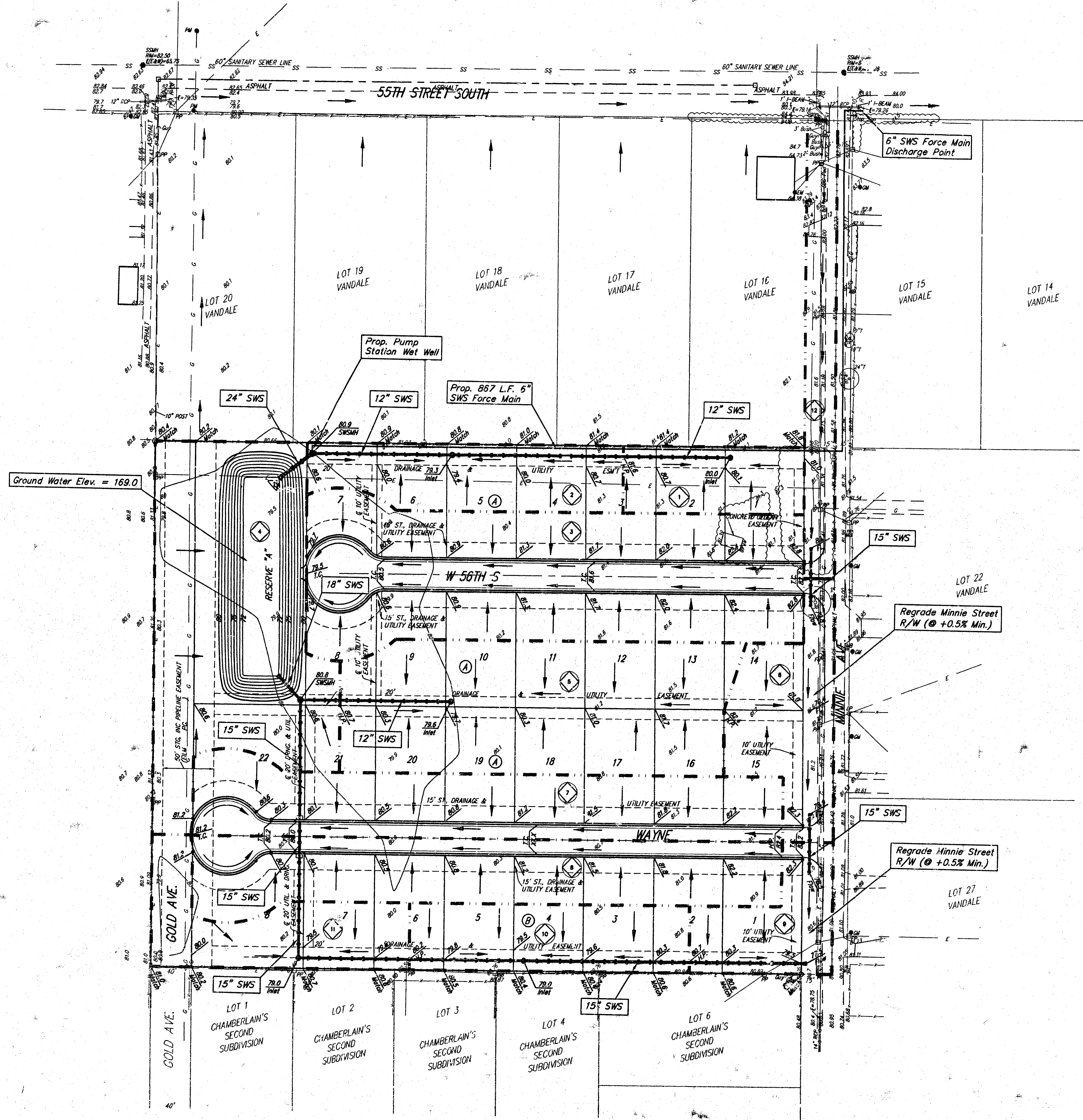
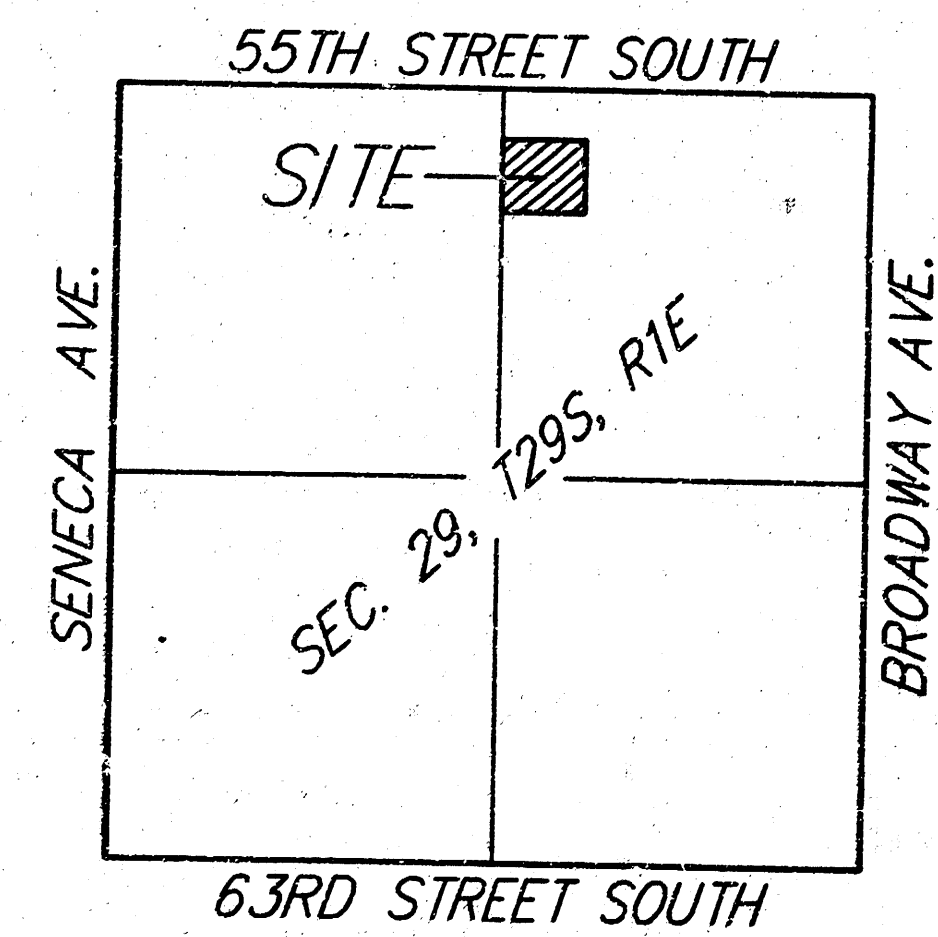
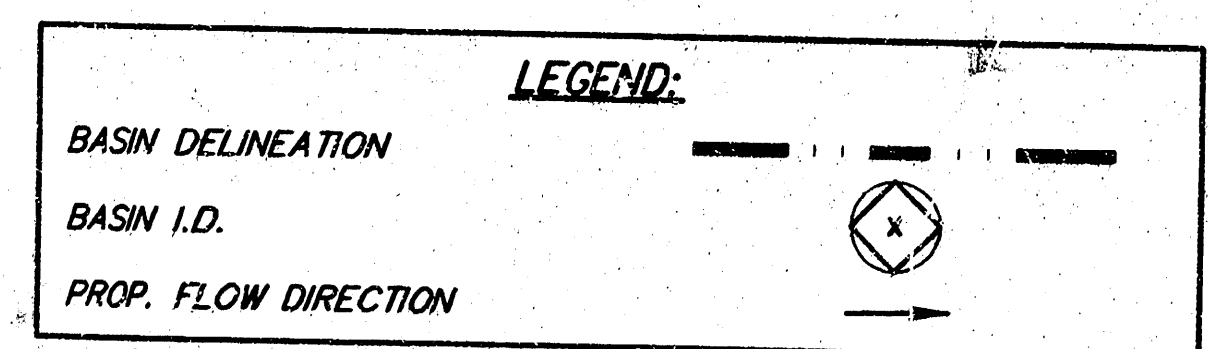
DRAINAGE PLAN MY HOUSE ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

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	



- 0 50 100
- DATE OF PREPARATION: 29 SEPTEMBER 2003
DATE OF TOPOGRAPHY: 22 SEPTEMBER 2003
CONTOUR INTERVAL: 1 FOOT
- EM = Electric Meter
 - FM = Fire Hydrant
 - GM = Gas Meter
 - GA = Gas Anchor
 - LP = Light Pole
 - MB = Mail Box
 - PM = Pipeline Marker
 - PP = Power Pole
 - SSM = Sanitary Sewer Manhole
 - SBC Ped = SBC Pedestal
 - Sign = Sign
- #4 REBAR W/ "BALLOON" CAP (FOUND)
 - #4 REBAR W/ "BALLOON" CAP (SET)
 - #4 REBAR (FOUND)
 - #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

