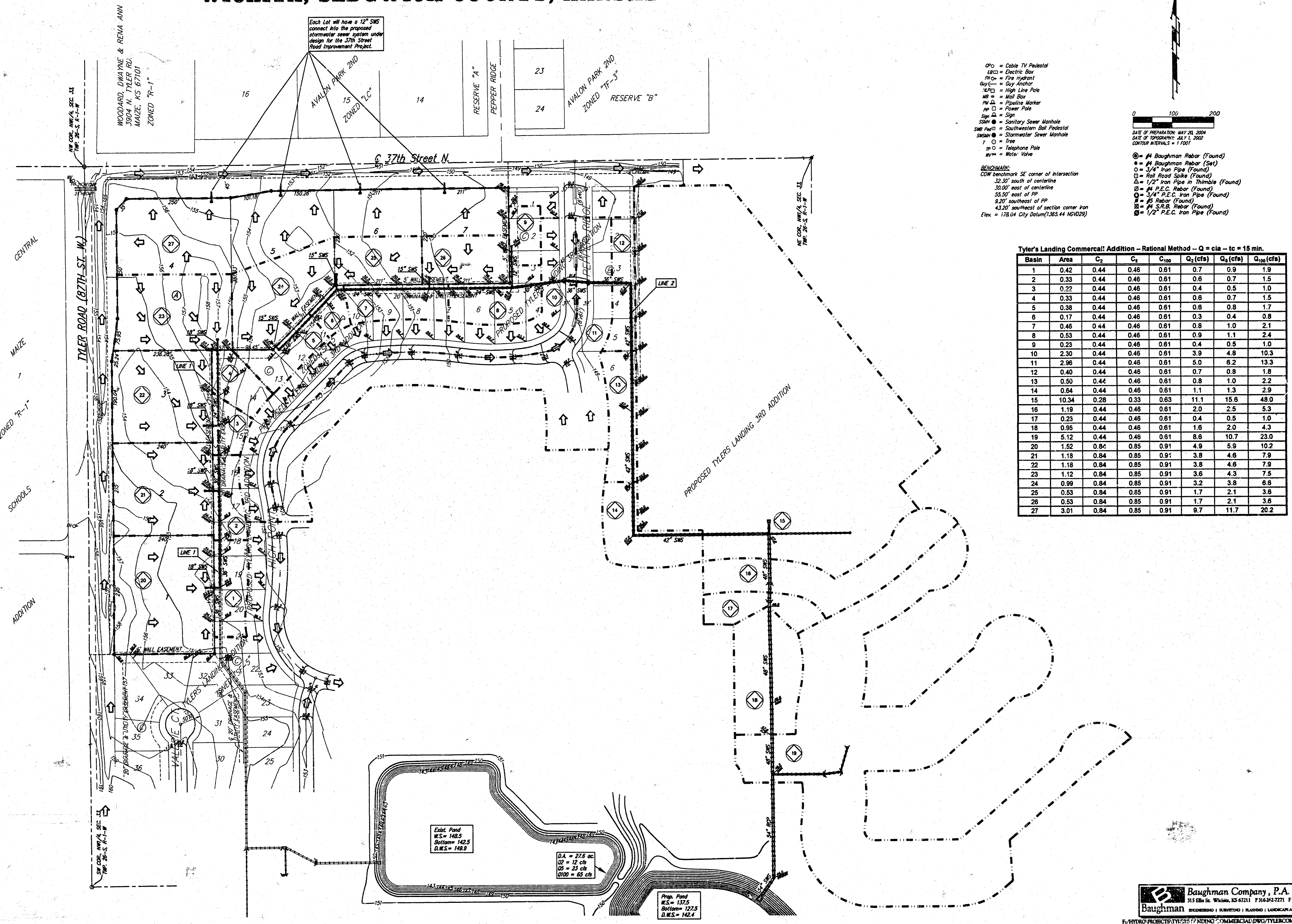


DRAINAGE PLAN

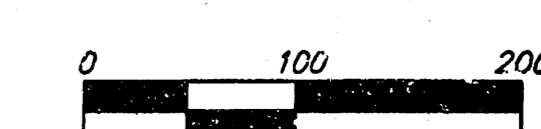
TYLER'S LANDING COMMERCIAL ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



Each Lot will have a 12" SWS connect into the proposed stormwater sewer system under design for the 37th Street Road Improvement Project.

- CPD = Cable TV Pedestal
 - EB = Electric Box
 - FHC = Fire Hydrant
 - GA = Guy Anchor
 - HLP = High Line Pole
 - MB = Man Box
 - PP = Pipeline Marker
 - PI = Power Pole
 - SP = Sign
 - SSM = Sanitary Sewer Manhole
 - SWP = Southwestern Bell Pedestal
 - SSM = Stormwater Sewer Manhole
 - T = Tree
 - TP = Telephone Pole
 - WV = Water Valve
- BENCHMARK:**
 COW benchmark, SE corner of intersection
 12.50' south of centerline
 30.00' east of centerline
 55.50' east of PP
 9.20' southwest of PP
 43.20' southeast of section corner iron
 Elev. = 178.04 City Datum (1365.44 NGVD29)
- ⊙ = #4 Baughman Rebar (Found)
 - ⊙ = #4 Baughman Rebar (Set)
 - ⊙ = 3/4" Iron Pipe (Found)
 - ⊙ = 1/2" Iron Pipe in Thimble (Found)
 - ⊙ = #4 P.E.C. Rebar (Found)
 - ⊙ = 3/4" P.E.C. Iron Pipe (Found)
 - ⊙ = #5 Rebar (Found)
 - ⊙ = #4 S.P.B. Rebar (Found)
 - ⊙ = 1/2" P.E.C. Iron Pipe (Found)



Tyler's Landing Commercial Addition - Rational Method - Q = c i a - tc = 15 min.

Basin	Area	C ₂	C ₁	C ₁₀₀	Q ₂ (cfs)	Q ₅ (cfs)	Q ₁₀₀ (cfs)
1	0.42	0.44	0.46	0.61	0.7	0.9	1.9
2	0.33	0.44	0.46	0.61	0.6	0.7	1.5
3	0.22	0.44	0.46	0.61	0.4	0.5	1.0
4	0.33	0.44	0.46	0.61	0.6	0.7	1.5
5	0.38	0.44	0.46	0.61	0.6	0.8	1.7
6	0.17	0.44	0.46	0.61	0.3	0.4	0.8
7	0.46	0.44	0.46	0.61	0.8	1.0	2.1
8	0.53	0.44	0.46	0.61	0.9	1.1	2.4
9	0.23	0.44	0.46	0.61	0.4	0.5	1.0
10	2.30	0.44	0.46	0.61	3.9	4.8	10.3
11	2.96	0.44	0.46	0.61	5.0	6.2	13.3
12	0.40	0.44	0.46	0.61	0.7	0.8	1.8
13	0.50	0.44	0.46	0.61	0.8	1.0	2.2
14	0.64	0.44	0.46	0.61	1.1	1.3	2.9
15	10.34	0.28	0.33	0.63	11.1	15.6	48.0
16	1.19	0.44	0.46	0.61	2.0	2.5	5.3
17	0.23	0.44	0.46	0.61	0.4	0.5	1.0
18	0.95	0.44	0.46	0.61	1.6	2.0	4.3
19	5.12	0.44	0.46	0.61	8.6	10.7	23.0
20	1.52	0.85	0.85	0.91	4.9	5.9	10.2
21	1.18	0.84	0.85	0.91	3.8	4.6	7.9
22	1.18	0.84	0.85	0.91	3.8	4.6	7.9
23	1.12	0.84	0.85	0.91	3.6	4.3	7.5
24	0.99	0.84	0.85	0.91	3.2	3.8	6.8
25	0.53	0.84	0.85	0.91	1.7	2.1	3.6
26	0.53	0.84	0.85	0.91	1.7	2.1	3.6
27	3.01	0.84	0.85	0.91	9.7	11.7	20.2

