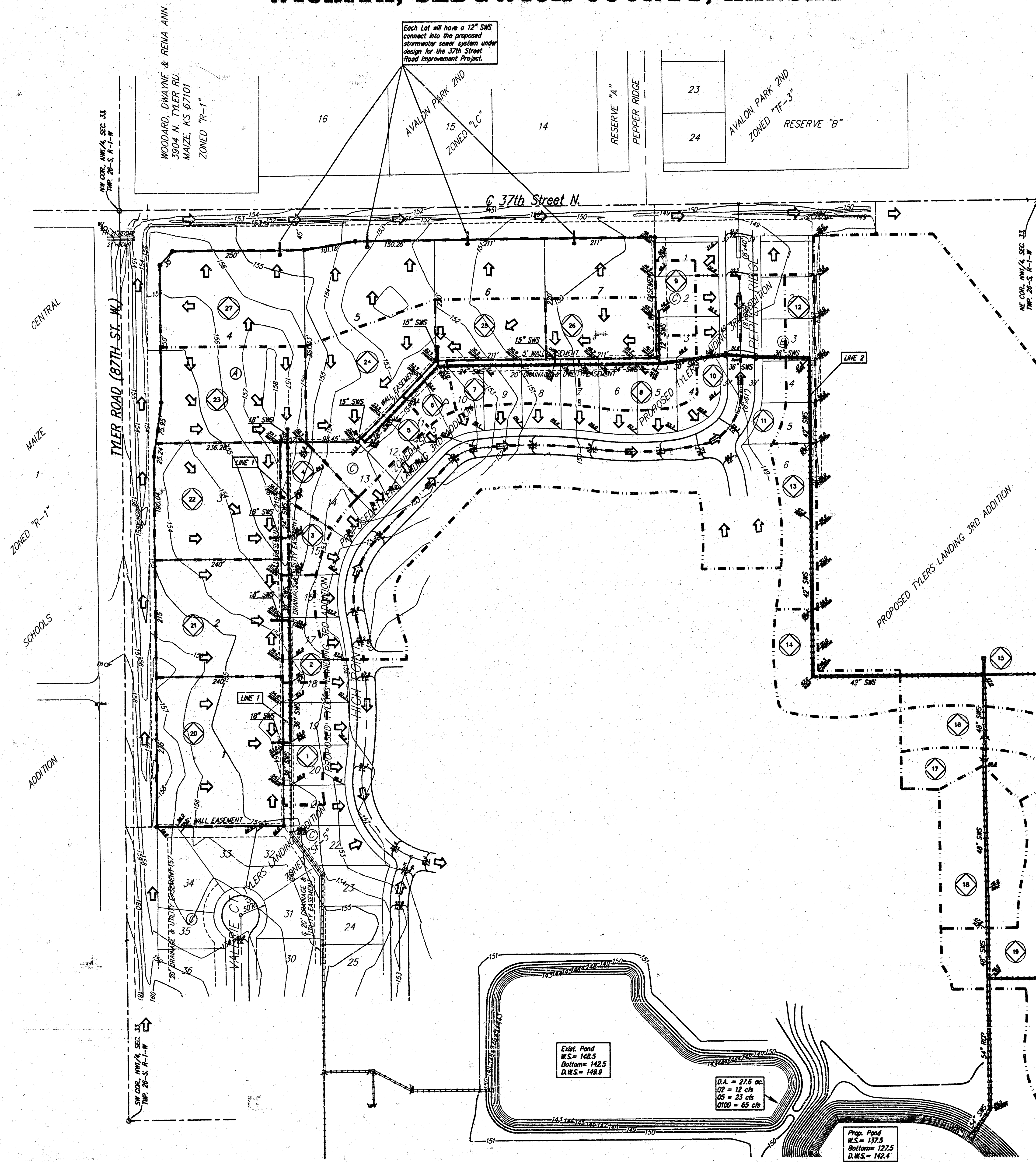


DRAINAGE PLAN
TYLER'S LANDING COMMERCIAL ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



CPO = Cable TV Pedestal
 EB = Electric Box
 FH = Fire Hydrant
 Guy = Guy Anchor
 HP = High Line Pole
 MB = Mail Box
 PM = Pipeline Marker
 PP = Power Pole
 Sign = Sign
 SSWH = Sanitary Sewer Manhole
 SW Ped = Southwestern Bell Pedestal
 SSWH = Stormwater Sewer Manhole
 T = Tree
 TP = Telephone Pole
 W = Water Meter

BENCHMARK:
COW benchmark SE corner of intersec
32.30' south of centerline
30.00' east of centerline
55.50' east of PP
9.20' southeast of PP
43.20' southeast of section cor
Elev. = 178.04 City Datum (1365.44 N

- = #4 Baughman Rebar (Found)
- = #4 Baughman Rebar (Set)
- = 3/4" Iron Pipe (Found)
- ⊠ = Rail Road Spike (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.R.B. Rebar (Found)
- ⊞ = 1/2" P.E.C. Iron Pipe (Found)

Tyler's Landing Commercial: Addition - Rational Method - Q = cia - tc = 15 min.							
Basin	Area	C ₂	C ₁	C ₁₀₀	Q ₂ (cfs)	Q ₁ (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	0.8	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	0.84	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	6.6
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

01 JUNE 2004

B
Baughman
Baughman Company, P.A.
315 Elm St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE
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