

GENERAL NOTES:

1. Drainage from the adjacent property to the East must be diverted South at the East property line of Meadow Oaks.
2. The design of "V" Swales are based on a slope of .004, 10:1 slopes and an "N" value of .030.
3. Runoff calculations are based on a 15 min. minimum time of concentration, a "C" value of 0.5 for residential and 0.8 for commercial. The corresponding "I" values are 3.83, 4.56, 7.37 for 2, 5 and 100 year storms.

LINE NO. 1					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	4.4	18"	-	4.1	Mt at Point No. 2
2-3	4.4	18"	-	11.5	End Section w/ Rip-Rap at Pt. 3
LINE NO. 1					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	4.1	18"	0.8	12'	100 Yr. Storm
2-3	11.5	18"	0.8	18.5'	100 Yr. Storm
LINE NO. 2					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	3.8	18"	-	3.6	End Section w/ Rip-Rap at Pt. 2
LINE NO. 2					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	3.6	18"	0.5	10'	100 Yr. Storm
LINE NO. 3					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	7.4	18"	-	-	Swale Pipe
2-3	11.9	24"	-	-	Swale Pipe
3-4	3.5	18"	-	-	Swale Pipe
4-5	6.5	18"	-	6.0	Bypass overflow down road into line # 3B
5-6	38.7	36"	-	-	Down Pipe
6-7	32.7	36"	-	-	End Section w/ Rip-Rap at Pt. 5
LINE NO. 4					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	3.8	18"	-	-	End Sec.
2-3	3.5	18"	-	-	End Sec.
3-4	8.0	18"	-	-	End Sec.
4-5	7.7	18"	-	-	End Sec.
5-6	21.6	36"	-	-	End Sec.
6-7	4.0	18"	-	-	End Sec.
7-8	5.0	18"	-	-	End Section w/ Rip-Rap at Pt. 5
8-9	34.6	36"	-	-	End Section w/ Rip-Rap at Pt. 5
LINE NO. 4					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
3B-5	5.4	18"	0.8	18'	100 Yr. Storm
5-7	25.8	18"	1.30	18'	100 Yr. Storm
LINE NO. 5					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	8.0	18"	-	4.8	Drop into line # 3
2-3	11.8	24"	-	-	Drop into line # 3
3-4	18.5	30"	-	15.1	End Section w/ Rip-Rap at Pt. 4
LINE NO. 5					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	4.8	18"	0.8	18'	100 Yr. Storm
2-3	15.1	18"	0.8	18'	100 Yr. Storm
LINE NO. 6					
Location	Q	Pipe	SW. Slope	100% Slope	Comments
1-2	10.0	24"	-	8.7	End Section w/ Rip-Rap at Pt. 1 & 2

BENCH MARKS:

BM#1
City of Wichita Bench Mark Sec. 5.5' E. and 37' N. of NW Corner Sec. 1-2-7E
Elev. 172.38

BM#2
NW Corner Center Gutter on Beacon Hill Road Median at 200' from North
Elev. 182.95
(City of Wichita Datum)

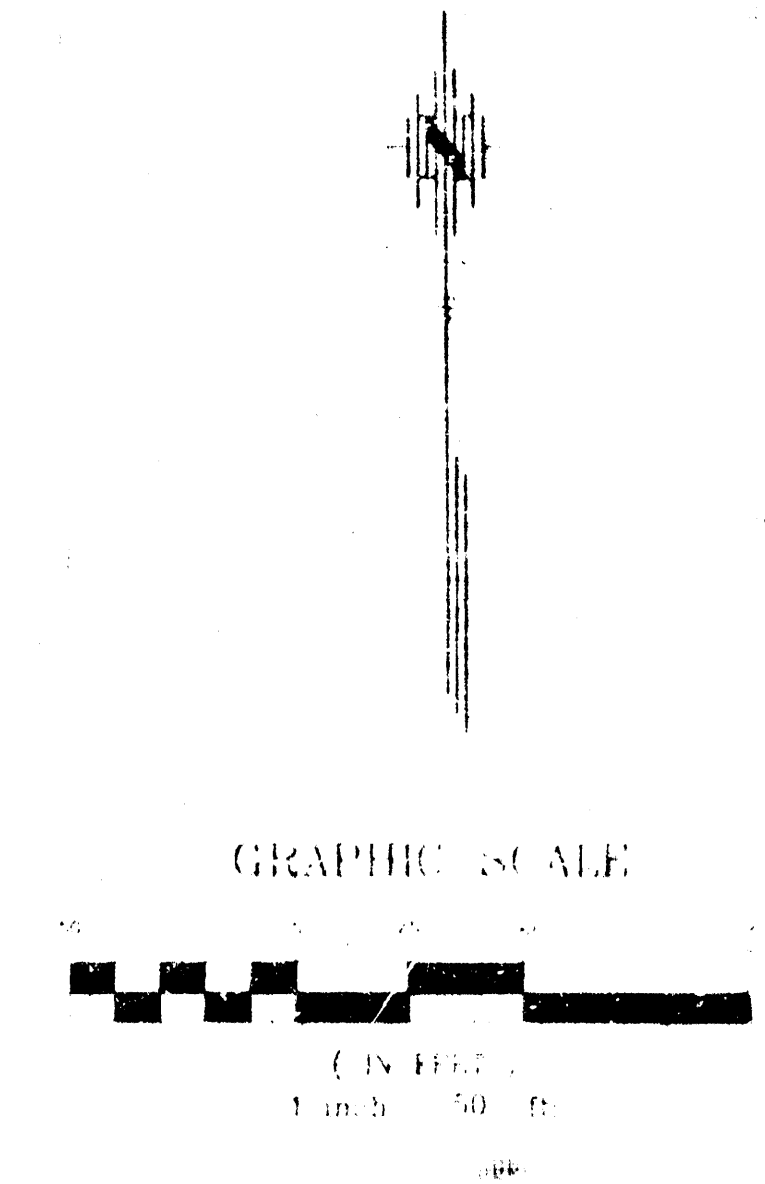
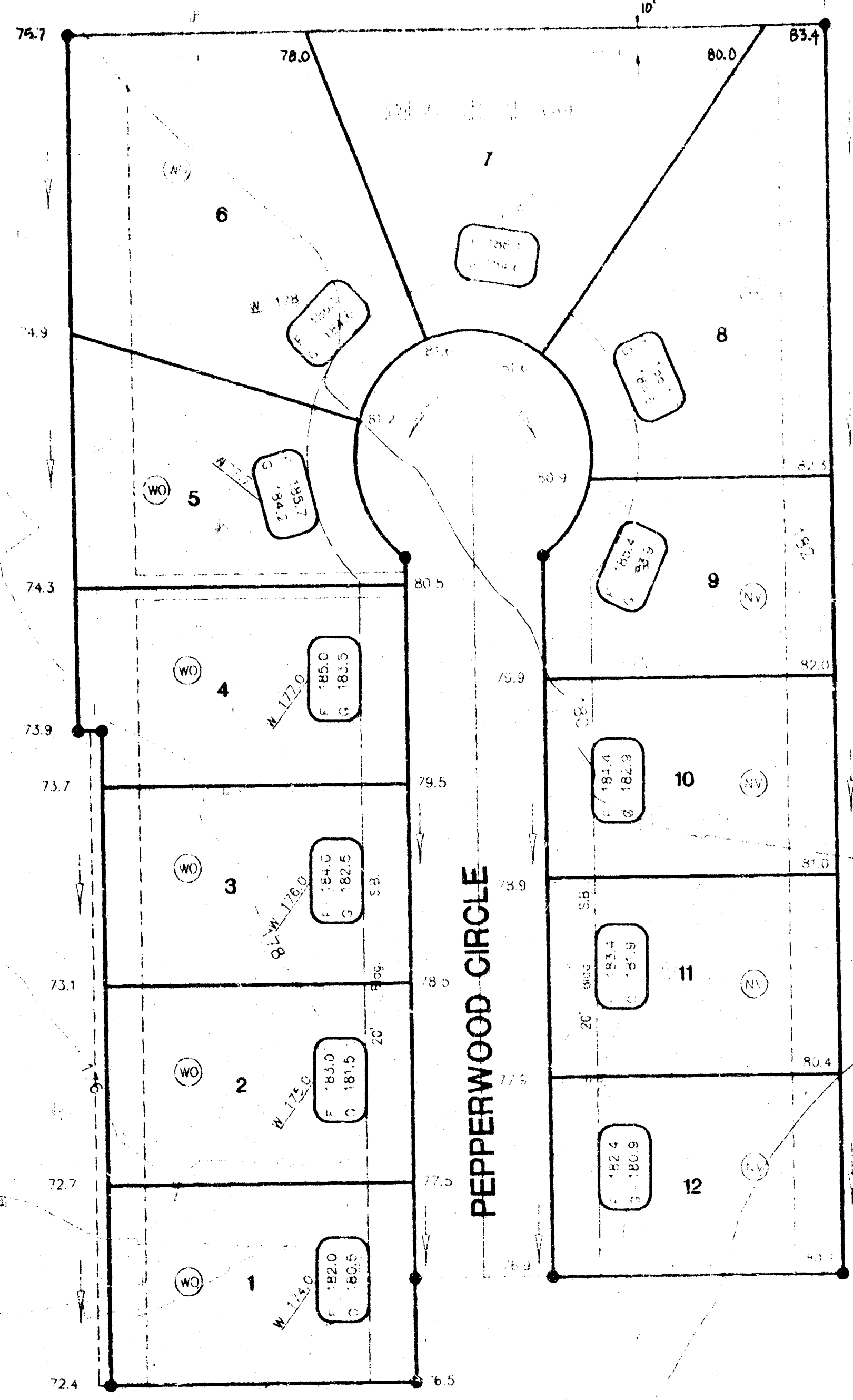
Minimum Building Elevations			
Lot	Back	Minimum	Minimum
No.	No.	Top of Foundation	Top of Floor
1-2	1	172.0	172.0
3-4	1	172.0	172.0
5-6	1	172.0	172.0
7-8	1	172.0	172.0
9-10	1	172.0	172.0
11-12	1	172.0	172.0
13-14	1	172.0	172.0
15-16	1	172.0	172.0
17-18	1	172.0	172.0
19-20	1	172.0	172.0
21-22	1	172.0	172.0
23-24	1	172.0	172.0
25-26	1	172.0	172.0
27-28	1	172.0	172.0
29-30	1	172.0	172.0
31-32	1	172.0	172.0
33-34	1	172.0	172.0
35-36	1	172.0	172.0
37-38	1	172.0	172.0
39-40	1	172.0	172.0
41-42	1	172.0	172.0
43-44	1	172.0	172.0
45-46	1	172.0	172.0
47-48	1	172.0	172.0
49-50	1	172.0	172.0
51-52	1	172.0	172.0
53-54	1	172.0	172.0
55-56	1	172.0	172.0
57-58	1	172.0	172.0
59-60	1	172.0	172.0
61-62	1	172.0	172.0
63-64	1	172.0	172.0
65-66	1	172.0	172.0
67-68	1	172.0	172.0
69-70	1	172.0	172.0
71-72	1	172.0	172.0
73-74	1	172.0	172.0
75-76	1	172.0	172.0
77-78	1	172.0	172.0
79-80	1	172.0	172.0
81-82	1	172.0	172.0
83-84	1	172.0	172.0
85-86	1	172.0	172.0
87-88	1	172.0	172.0
89-90	1	172.0	172.0
91-92	1	172.0	172.0
93-94	1	172.0	172.0
95-96	1	172.0	172.0
97-98	1	172.0	172.0
99-100	1	172.0	172.0

(Elevations are to City of Wichita Datum)

DRAINAGE PLAN MEADOW OAKS ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

DATE: 6-1-93
Revised: 9-8-95

**APPROVED
DRAINAGE PLAN**



LEGEND

- G = GARAGE FLOOR ELEVATION
- F = TOP OF FOUNDATION WALL ELEVATION
- R = TOP OF REAR WALL ELEVATION (VIEW OUT)
- W = BASEMENT FLOOR ELEVATION (WALK OUT)
- (NO) = NO VIEW OUT
- (V) = VIEW OUT
- (W) = WALK OUT

BENCHMARKS
(City of Wichita Datum)

1. City of Wichita Benchmark Disc, 5.5' E. and 37' N. of N 1/4 Corner Sec. 1-27-1E Elev. 172.38
2. NW Corner Concrete Gutter on Beacon Hill Road Median at 29th Street North Elev. 162.99

LOT GRADING PLAN
THE MEADOW OAKS 3RD ADDITION
TO WICHITA, SEDGWICK COUNTY, KANSAS

NE 1/4, SECTION 1, T27S, R1E
JANUARY 22, 1998

E:\APPS\DATA\5300\LT090 Mon Jan 22 14:51:07 1998 Steve Schmidt P&E Assoc.