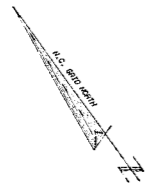


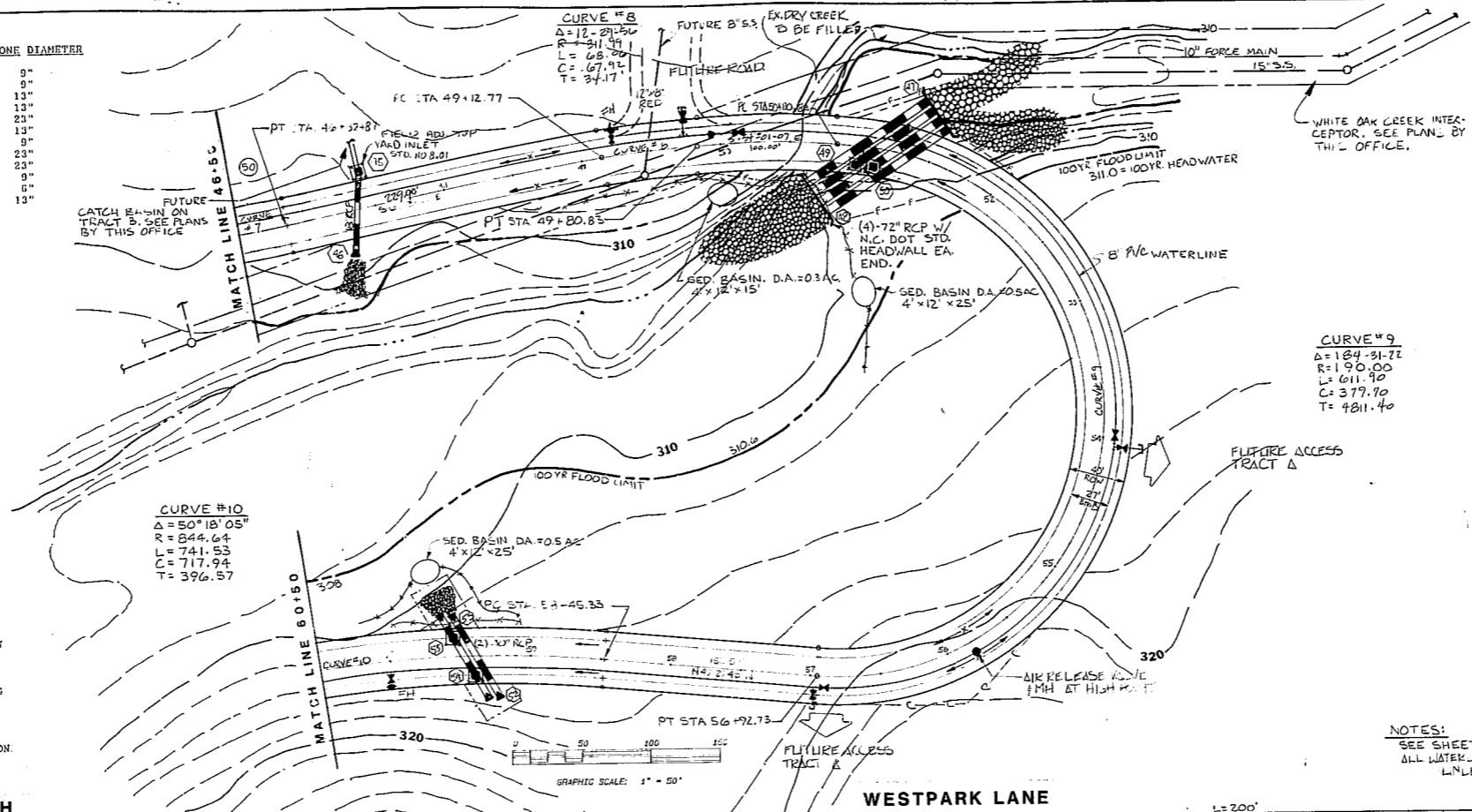
STRUCTURE	SIZE	STONE DIAMETER
3	8" x 15" x 12"	9"
6	10" x 18" x 12"	9"
16	4" x 10" x 18"	13"
17	20" x 40" x 18"	13"
27	20" x 50" x 30"	23"
31	6" x 16" x 18"	13"
42	6" x 12" x 12"	9"
46	8" x 30" x 30"	23"
48	28" x 60" x 30"	23"
53	10" x 18" x 12"	9"
61	4.5" x 6" x 9"	6"
70	8" x 20" x 18"	13"



FOR CONSTRUCTION

NOTE:  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

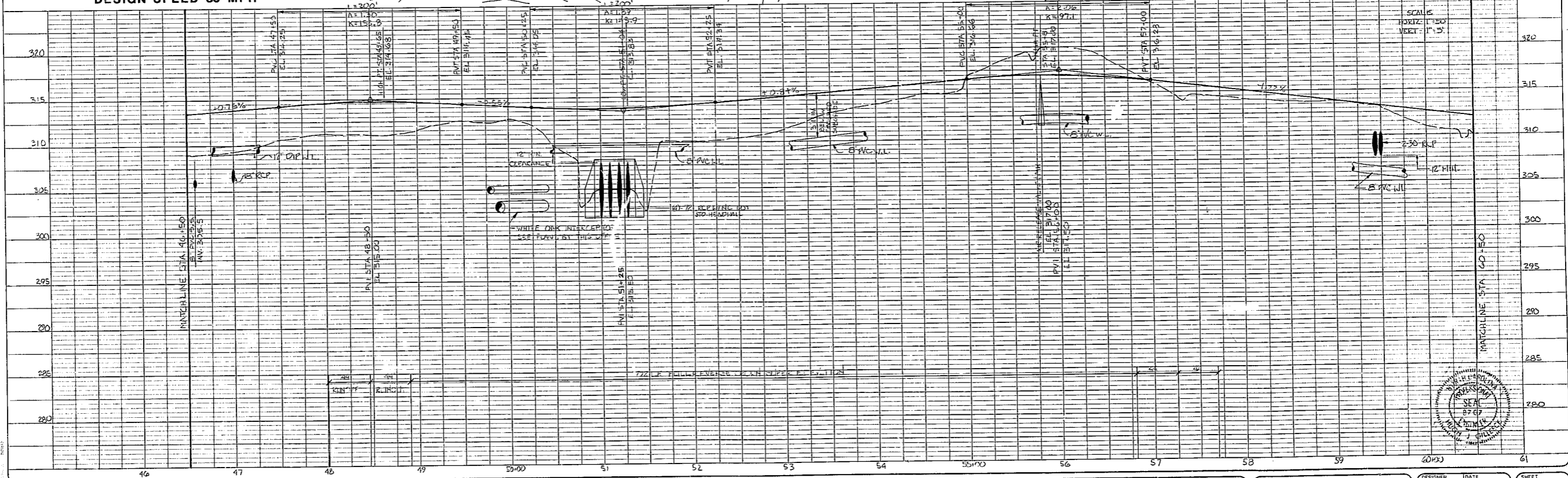
NOTE:  
ALL WORK IS TO BE IN CONFORMANCE WITH TOWN OF CARY STANDARDS AND SPECIFICATION.



FROM	TO	QUANTITY	DIAMETER	LENGTH	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE
1	2	23	30"	16	334.50	332.00	15.63
2	3	23	30"	64	331.25	330.50	1.17
3	6	86	2-30"	80	327.00	325.50	1.86
7	8	1.1	15"	26	328.20	328.07	0.50
8	9	2.0	15"	112	327.87	327.31	0.50
9	10	3.0	30"	26	327.10	327.10	0.00
10	6	4.2	30"	15	326.54	326.64	0.89
12	13	8.3	15"	26	332.50	332.37	0.50
13	14	8.8	15"	40	332.17	331.97	0.50
14	15	8.8	15"	56	331.75	329.00	6.70
16	17	305	2-18"	76	327.26	326.70	1.00
19	20	1.6	15"	27	335.00	334.86	0.52
20	21	7.4	15"	45	334.50	333.00	3.33
21	22	7.8	15"	100	332.50	331.50	1.00
22	17	---	---	---	---	---	---
24	25	256	2-18"	80	327.30	326.50	1.00
29	28	0.9	15"	40	337.40	337.20	0.80
28	27	6.3	15"	26	337.00	336.85	0.55
27	26	9.3	15"	56	335.00	332.80	3.93
30	31	0.76	15"	40	336.00	335.80	0.50
31	32	2.0	15"	26	335.60	334.60	3.85
32	33	2.8	15"	40	334.40	334.20	0.50
33	34	2.8	15"	130	334.00	331.80	1.69
34	35	3.9	15"	138	331.50	328.68	2.04
35	36	2.4	24"	26	327.00	326.00	3.85
36	37	2.5	24"	40	325.80	324.00	4.50
74	75	5.3	15"	144	327.00	318.50	7.29
75	76	7.3	15"	26	316.30	316.04	1.03
76	77	7.8	15"	152	315.84	309.20	4.37
77	81	8.6	15"	180	309.00	305.50	2.19
78	80	7.6	15"	16	307.00	305.75	7.81
80	81	47	30"	26	305.56	305.13	0.50
81	82	23	2-30"	32	305.30	305.14	0.50
45	46	---	---	---	---	---	---
47	48	1425	4-72"	104	302.00	301.18	0.50
---	49	---	---	---	---	---	---
---	50	---	---	---	---	---	---
52	53	94	2-30"	60	308.00	307.60	0.83
52	54	---	30"	16	308.00	307.92	0.50
54	55	---	30"	32	307.82	307.66	0.50
55	53	---	30"	12	307.56	307.50	0.50
65	66	7.8	15"	208	324.50	317.50	3.37
66	67	12.5	18"	160	317.00	309.50	4.69
68	67	37	30"	12	310.50	310.00	4.17
67	69	40	30"	27	309.00	308.86	0.50
69	70	41	30"	16	308.75	308.27	3.00
68	69	3.9	15"	104	306.50	305.98	0.50
59	60	9.8	18"	26	305.95	305.82	0.50
60	61	10.7	18"	24	305.72	305.50	0.50

NOTES:  
SEE SHEET NO 3 FOR TYPICAL SECTION.  
ALL WATER LINE STRUCTURES BY 8\"/>

DESIGN SPEED 30 MPH



WESTPARK LANE

**HUGH J. GILLEECE & ASSOC.**  
104 FOUNTAINBROOK CIRCLE SUITE C CARY N.C. 27511 (919) 469-1101

REVISIONS	DATE	SHEET <b>5</b> OF
7-5-99	2-1-99	
DESIGNED BY	CHECKED BY	
7-5-99	14-6-11	

