CURVE DATA

NO	Δ	RAD	ARC	TAN	CHORD
111	04°43'55"	374.53	30.93	15.47	30.92
112	66°33'34"	30.00	34.85	19.69	32.92
113	23°23'21"	334.90	136.71	69.32	135.77
114	51°12'45"	198.27	177.22	95.02	171.38
115	07°54'14"	375.15	51.75	25.92	51.71
116	19°36'50"	198.27	67.87	34.27	67.54
117	02°22'13"	548.13	22.68	11.34	22.67
118	84°46'20"	30.00	44.39	27.38	40.45
119	12°51'13"	375.15	84.16	42.26	83.98
120	37°16'12"	175.01	113.84	59.02	111.84
121	77°37'53"	30.00	40.65	24.15	37.61
122	03°37'37"	557.00	35.26	17.64	35.25
123	15°09'14"	557.00	147.32	74.09	146.89
124	99°38'25"	30.00	52.17	35.53	45.84
125	30°33'27"	140.01	74.67	38.25	73.79
126	29°05'18"	177.27	90.00	45.99	89.04
127	06°44'33"	272.16	32.03	16.03	32.01
128	10°33'07"	557.00	102.58	51.44	102.44
129	23°19'43"	325.54	132.55	67.20	131.63
130	56°03'13"	30.00	29.35	15.97	28.19
131	13°17'59"	272.16	63.18	31.73	63.03
132	19°01'45"	333.88	110.89	55.96	110.38
133	75°09'48"	30.00	39.36	23.09	36.59
134	10°01'11"	373.70	65.35	32.76	65.27
135	11°26'25"	325.54	65.00	32.61	64.89
136	78°45'21"	45.00	60.28	35.64	55.88
137	53°15'56"	30.00	27.89	15.04	26.90
139	51°13'14"	45.00	40.23	21.57	38.90
140	21°16'20"	177.27	65.82	33.29	65.44
141	54°39'05"	45.00	42.92	23.25	41.31
142	30°19'11"	237.61	125.74	64.38	124.28
143	05°05'02"	373.88	33.18	16.60	33.16
144	44°05'23"	30.00	23.09	12.15	22.52
145	93°25'44"	45.00	73.38	47.78	65.52
146	25°42'52"	324.87	145.80	74.15	144.58
147	96°11'17"	30.00	50.36	33.43	44.65
148	13°06'45"	373.88	85.56	42.97	85.38
149	28°13'06"	324.87	160.00	81.66	158.39
150	05°39'06"	324.87	32.04	16.04	32.03

CURVE DATA

NO	Δ	RAD	ARC	TAN	CHORD
151	47°34'50"	30.00	24.91	13.23	24.20
152	26°39'01"	324.87	151.11	76.95	149.75
153	121°27'19"	45.00	95.39	80.28	78.51
154	100°44'24"	45.00	79.12	54.34	69.32
155	22°42'35"	374.87	148.58	75.28	147.61
156	39°05'28"	30.00	20.47	10.65	20.07
157	45°08'22"	45.00	35.88	17.79	33.09
158	08°50'32"	374.87	57.85	28.98	57.79
159	32°08'32"	228.17	128.00	65.73	126.33
160	39°25'09"	228.17	156.98	81.74	153.90
161	90°15'13"	45.00	70.89	45.20	63.78
162	41°38'15"	30.00	21.80	11.41	21.32
163	03°33'29"	228.17	14.17	7.09	14.17
164	39°05'25"	45.00	30.70	15.98	30.11
165	41°36'29"	45.00	32.68	17.10	31.97
166	57°39'54"	30.00	30.19	16.51	28.93
167	104°28'22"	45.00	82.05	58.09	71.15
168	61°42'49"	188.17	202.68	112.43	193.02
169	19°52'52"	374.87	130.08	65.70	129.42
170	83°10'46"	30.00	43.55	26.63	39.83
171	19°47'31"	188.17	65.00	32.83	64.68
172	10°53'56"	323.70	61.57	30.88	61.48
173	09°51'06"	374.87	64.46	32.31	64.38
174	09°56'56"	375.54	65.21	32.69	65.13
175	10°09'20"	323.70	57.38	28.76	57.30
176	09°51'45"	593.93	102.24	51.24	102.11
177	112°36'15"	30.00	58.96	44.99	49.92
178	14°55'03"	375.54	97.77	49.17	97.50
179	07°18'45"	593.93	75.79	37.95	75.74
180	11°04'32"	260.96	50.45	25.30	50.37
181	25°41'02"	593.93	266.24	135.39	264.02
182	12°38'17"	337.80	74.51	37.41	74.36
183	80°57'51"	30.00	42.39	25.60	38.95
184	25°20'08"	274.75	111.90	56.74	111.13
185	74°54'38"	30.00	59.22	22.98	36.49
186	22°32'01"	176.13	69.27	35.09	68.82
187	08°36'17"	337.80	50.73	25.41	50.68
188	128°48'13"	45.00	101.16	93.93	81.17
189	43°54'55"	88.33	67.70	35.61	66.06
190	44°46'17"	45.00	35.16	18.53	34.28

CURVE DATA

NO	Δ	RAD	ARC	TAN	CHORD
191	08°36'14"	136.13	20.44	10.24	20.42
192	19°27'25"	128.33	43.58	22.00	43.37
193	57°03'11"	30.00	29.87	16.31	28.65
194	91°38'43"	45.00	71.98	46.31	64.55
195	07°55'38"	377.80	52.27	26.18	52.23
196	43°14'15"	136.13	102.73	53.95	100.31
197	06°46'08"	325.00	38.40	19.22	38.37
198	13°01'36"	274.75	62.47	31.37	62.33
199	80°15'12"	30.00	42.02	25.29	38.67
200	13°24'51"	377.80	88.45	44.43	88.25
201	18°13'20"	325.00	103.36	52.12	102.93
202	51°33'05"	45.00	40.49	21.73	39.14
203	53°09'04"	45.00	41.74	22.51	40.26
204	25°14'11"	45.00	19.82	10.07	19.66
205	52°26'50"	45.00	41.19	22.17	39.77
206	71°08'29"	45.00	55.87	32.18	52.35
207	06°04'40"	375.00	39.78	19.91	39.76
208	15°52'05"	375.00	103.86	52.26	103.53
209	18°15'57"	260.96	83.19	41.95	82.84
210	85°33'47"	30.00	44.80	27.76	40.75
211	52°53'54"	224.75	207.50	111.81	200.21
212	08°36'15"	543.93	81.68	40.92	81.61
213	33°27'37"	210.96	123.20	63.41	121.46
214	28°18'28"	188.46	93.11	47.53	92.17
215	83°09'02"	30.00	43.54	26.61	39.82
216	13°25'55"	543.93	127.51	64.05	127.22
217	91°12'51"	45.00	71.64	45.96	64.31
218	57°38'35"	30.00	30.18	16.51	28.92
219	04°45'31"	188.46	15.65	7.83	15.65
220	68°15'14"	45.00	53.61	30.50	50.49
221	66°42'28"	45.00	52.39	29.62	49.48
222	13°06'47"	228.46	52.29	26.26	52.17
223	41°38'44"	30.00	21.81	11.41	21.33
224	49°15'07"	45.00	38.68	20.63	37.50

CURVE DATA

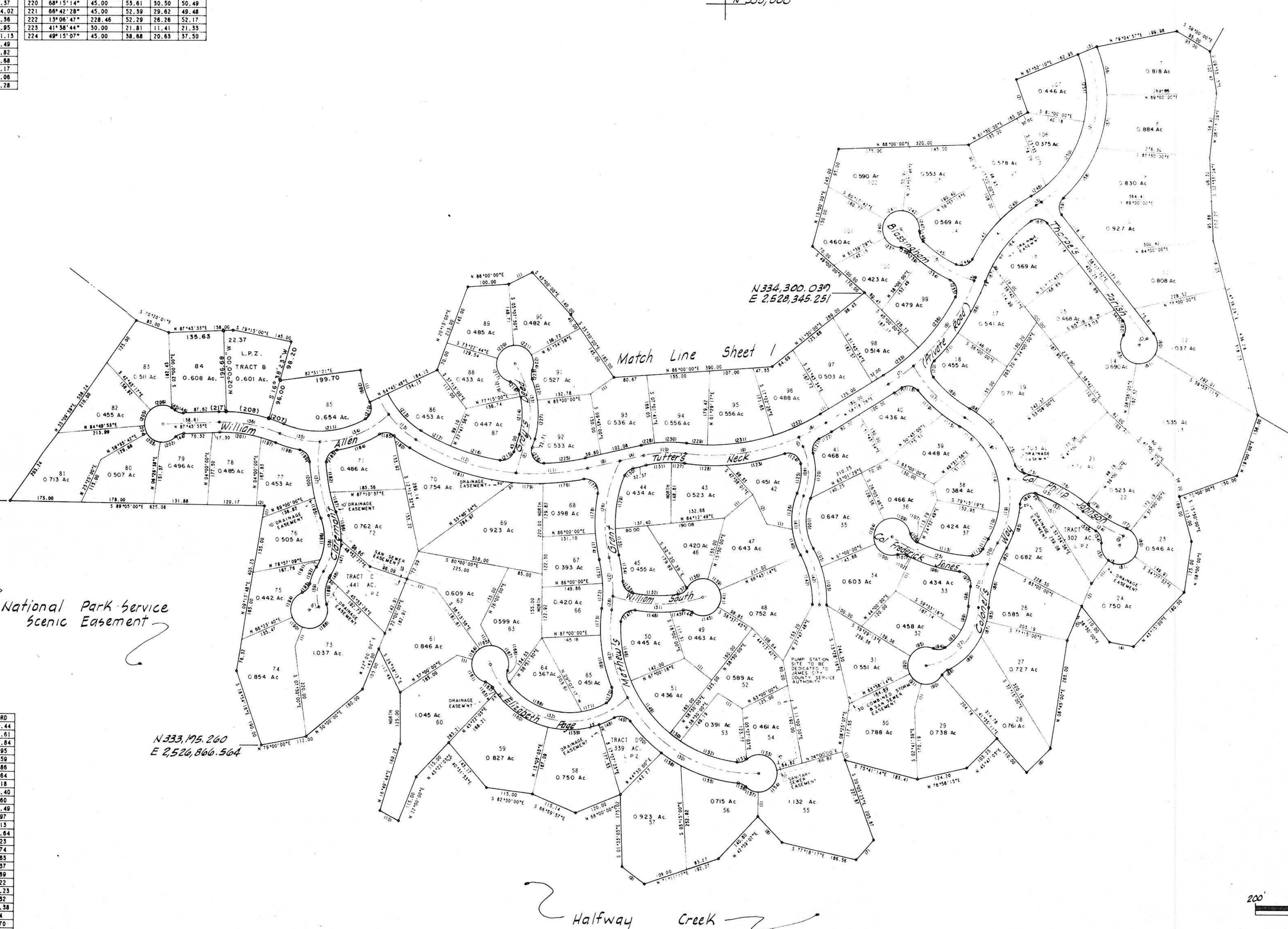
NO	Δ	RAD	ARC	TAN	CHORD
225	10°49'14"	543.93	102.72	51.51	102.57
226	108°17'26"	30.00	56.70	41.51	48.63
227	23°48'51"	228.46	94.96	48.17	94.27
228	06°00'36"	322.16	33.79	16.91	33.78
229	05°46'30"	507.00	51.10	25.57	51.08
230	14°01'56"	322.16	78.90	39.65	78.70
231	18°38'47"	507.00	165.00	83.24	164.27
232	14°21'08"	507.00	127.00	63.83	126.67
233	12°36'26"	498.13	109.61	55.03	109.38
234	13°19'35"	375.31	87.29	43.84	87.10
235	92°33'34"	30.00	48.46	31.37	43.36
236	17°38'37"	498.13	153.39	77.31	152.79
237	61°32'53"	45.00	48.34	26.80	46.05
238	44°06'17"	30.00	23.09	12.15	22.53
239	05°25'29"	375.31	35.53	17.78	35.52
240	58°02'49"	45.00	45.59	24.97	43.67
241	66°13'28"	45.00	52.01	29.35	49.17
242	53°01'27"	45.00	41.65	22.45	40.17
243	18°01'36"	373.55	117.53	59.25	117.04
244	89°06'17"	30.00	46.66	29.53	42.09
245	17°02'38"	335.31	99.75	50.24	99.38
246	53°14'33"	30.00	27.88	15.04	26.89
247	37°12'54"	45.00	29.23	15.15	28.72
248	09°12'21"	276.53	44.43	22.26	44.38
249	14°35'14"	373.55	95.10	47.81	94.85
250	38°19'53"	276.53	185.00	96.11	181.57
251	34°33'48"	276.53	166.82	86.03	164.30
252	03°02'45"	375.06	19.94	9.97	19.93

CENTERLINES AND BOUNDARIES

NO	BEARING	DIST	NO	BEARING	DIST
A	N77°00'19"E	60.08	E	N16°06'59"E	92.68
B	N77°00'19"E	81.80	F	N72°49'10"E	25.00
C	N51°42'08"E	25.00	G	S23°38'55"E	24.99
D	N21°28'45"E	25.00			
1	N64°00'00"E	65.00	6	N44°51'45"E	82.32
2	S19°15'00"E	85.00	7	N41°51'18"E	64.44
3	N87°17'27"E	50.00	8	S43°36'10"E	87.00
4	S80°00'00"E	60.00	9	S52°38'00"E	69.20
5	N23°00'00"E	90.00	10	S62°00'00"E	52.00

LOTS

LOT	NO	BEARING	DIST
24	1	N36°36'43"E	70.43
24	2	N23°00'00"E	60.00
29	1	N14°51'57"E	64.14
30	1	S20°05'25"E	22.00
33	1	N24°32'49"E	89.30
36	1	S12°30'00"E	40.00
42	1	S78°32'19"E	64.40
42	2	S25°45'00"E	80.00
43	1	N50°00'00"E	90.00
49	1	S52°03'35"E	85.65
52	1	S58°00'00"E	70.00
55	1	N01°05'56"E	59.50
60	1	S75°19'21"E	39.36
61	1	S72°00'20"E	74.44
62	1	S29°48'15"E	56.98
73	1	N21°37'23"E	49.51
77	1	N09°13'48"E	28.93
77	2	S89°05'00"E	20.03
93	1	N55°00'00"E	70.00
96	1	N58°16'28"E	23.00



CURVE DATA

NO	Δ	RAD	ARC	TAN	CHORD
1	17°45'33"	260.96	80.89	40.77	80.56
2	85°33'21"	301.53	450.25	279.00	409.57
3	02°48'22"	301.53	14.77	7.39	14.77
4	38°31'26"	348.55	234.35	121.80	229.96
5	00°56'53"	523.13	8.66	4.33	8.66
6	28°10'12"	523.13	257.20	131.26	254.62
7	08°17'18"	523.13	75.68	37.90	75.61
8	08°04'37"	532.00	75.00	37.56	74.93
9	30°41'48"	532.00	285.02	146.02	281.63
10	20°02'32"	297.16	103.95	52.51	103.42
11	17°49'50"	568.93	177.05	89.25	176.34
12	26°28'02"	568.93	262.81	133.79	260.48
13	22°08'30"	235.96	91.19	46.17	90.62
14	72°00'04"	235.96	296.52	171.44	277.39
15	89°24'56"	198.58	309.90	196.56	279.40
16	36°00'25"	355.31	223.29	115.47	219.63
17	29°24'10"	350.15	179.69	91.87	177.72
18	48°32'52"	223.27	189.18	100.69	183.57
19	41°32'44"	223.27	161.89	84.69	158.37
20	09°16'09"	349.53	56.55	28.33	56.48
21	17°49'02"	349.53	108.69	54.79	108.26
22	78°38'52"	150.12	206.06	122.98	190.26
23	33°16'21"	348.92	202.62	104.26	199.79
24	18°20'12"	363.23	116.25	58.62	115.75
25	40°11'20"	354.90	248.94	129.84	243.87
26	39°42'12"	350.54	242.91	126.56	238.08
27	15°32'58"	348.70	94.63	47.61	94.34
28	05°30'18"	348.70	33.50	16.76	33.49
29	35°46'47"	349.87	218.48	112.94	214.95
30	64°04'42"	349.87	391.29	218.96	371.21
31	36°17'55"	353.88	224.19	116.00	220.46
32	113°44'25"	208.17	413.25	318.97	348.66
33	50°45'34"	208.46	184.68	98.89	178.70
34	42°31'26"	249.75	185.36	97.18	181.13
35	23°14'00"	249.75	101.27	51.34	100.58
36	24°59'28"	350.00	152.66	77.56	151.45
37	29°28'22"	357.80	184.05	94.11	182.03
38	51°50'29"	156.13	141.27	75.88	136.50
39	47°37'27"	108.33	90.04	47.81	87.47
40	45°11'17"	157.51	124.22	65.55	121.03
41	50°21'38"	159.77	140.44	75.12	135.96
42	30°19'11"	255.11	135.00	69.12	133.43
43	06°28'27"	375.00	42.37	21.21	42.35
44	42°50'00"	30.00	22.43	11.77	21.91
45	12°08'21"	45.00	9.53	4.78	9.52
46	03°42'32"	88.33	5.72	2.86	5.72
47	29°18'28"	176.13	90.09	46.06	89.11
48	10°21'51"	228.17	41.27	20.69	41.22
49	82°44'18"	30.00	43.32	26.42	39.65
50	16°37'01"	374.87	108.72	54.74	108.34
51	05°54'23"	30.00	3.09	1.55	3.09
52	20°33'47"	328.92	118.05	59.67	117.42
53	08°12'30"	383.23	54.90	27.50	54.86
54	65°32'37"	30.00	34.32	19.31	32.48
55	60°32'21"	45.00	47.55	26.26	45.37

CURVE DATA

NO	Δ	RAD	ARC	TAN	CHORD
56	21°04'39"	326.53	120.12	60.75	119.44
57	23°15'11"	326.53	132.52	67.18	131.61
58	26°10'02"	326.53	149.13	75.89	147.84
59	86°05'11"	30.00	45.08	28.02	40.95
60	68°24'41"	45.00	53.73	30.59	50.59
61	68°49'16"	45.00	54.05	30.82	50.86
62	70°31'44"	30.00	36.93	21.21	34.64
63	113°17'47"	45.00	88.98	68.37	75.18
64	25°36'21"	323.55	144.60	73.53	143.40
65	87°47'28"	30.00	45.97	28.87	41.60
66	14°49'54"	548.13	141.89	71.34	141.49
67	07°26'15"	323.55	42.00	21.03	41.97
68	04°11'06"	248.27	18.13	9.07	18.13
69	20°50'38"	325.15	118.29	59.80	117.64
70	84°13'23"	30.00	44.10	27.12	40.23
71	09°17'10"	548.13	88.84	44.52	88.74
72	19°09'27"	248.27	83.01	41.90	82.63
73	05°20'25"	368.92	34.39	17.21	34.37
74	59°18'27"	30.00	31.05	17.08	29.69
75	18°21'38"	248.27	79.56	40.12	79.22
76	21°35'45"	368.92	139.05	70.36	138.23
77	15°44'22"	45.00	12.36	6.22	12.32
78	18°20'12"	343.23	109.85	55.40	109.38
79	00°33'57"	368.92	3.64	1.82	3.64
80	88°19'01"	45.00	69.36	43.70	62.70
81	91°04'35"	45.00	71.53	45.85	64.23
82	07°08'56"	324.53	40.49	20.27	40.47
83	25°55'51"	248.27	112.36	57.16	111.41
84	99°15'56"	30.00	51.98	35.29	45.71
85	10°39'56"	175.12	32.60	16.35	32.55
86	19°56'15"	324.53	112.93	57.04	112.36
87	12°32'11"	175.12	38.32	19.24	38.24
88	35°07'52"	30.00	18.39	9.50	18.11
89	38°44'16"	175.12	118.40	61.56	116.16
90	75°07'55"	45.00	59.01	34.61	54.87
91	48°46'17"	45.00	38.30	20.40	37.16
92	56°52'33"	45.00	44.67	24.37	42.86
93	26°29'22"	125.12	57.85	29.45	57.33
94	56°33'25"	30.00	29.61	16.14	28.43
95	82°58'44"	45.00	65.17	39.80	59.62
96	19°15'50"	374.90	126.05	63.62	125.46
97	94°45'14"	30.00	49.61	32.60	44.15
98	07°43'15"	374.53	50.47	25.27	50.43
99	27°31'13"	125.12	60.10	30.64	59.52
100	84°04'34"	45.00	66.03	40.57	60.27
101	44°06'02"	30.00	23.09	12.15	22.53
102	01°52'06"	374.90	12.22	6.11	12.22
103	19°55'47"	272.61	94.82	47.90	94.35
104	86°54'14"	45.00	68.25	42.63	61.90
105	10°23'24"	272.61	49.44	24.79	49.37
106	50°21'38"	142.27	125.05	66.89	121.07
107	00°30'14"	334.90	2.95	1.47	2.95
108	53°14'57"	30.00	27.88	15.04	26.89
109	105°04'41"	45.00	82.53	58.73	71.44
110	19°16'01"	198.27	66.67	33.65	66.36

2:05 P.M.
Recorded 3rd day of March, 1978
in
D. B. No. 182 pages 527
Juliette C. Clothier Clerk
By. Dawn K. Roots, Dep. Clerk

PLAT OF
TUTTER'S NECK SUBDIVISION
Kingsmill on the James
BUSCH PROPERTIES, INC.
JAMES CITY COUNTY, VIRGINIA

LANGLEY, McDONALD & OVERMAN
CONSULTING ENGINEERS
VA. BEACH, VA.

[redacted]

AUG. 16, 1977
REVISED NOV. 15, 1977