



WITNESS MONUMENT ON SOUTHERN BANK OF CREEK 4.41' FROM PROPERTY CORNER AS PER BOUNDARY LINE AGREEMENT RECORDED IN CHATHAM COUNTY REGISTRY IN DEED BOOK 401, PAGE 405.

I, CHARLES O. ELIASON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED REFERENCE RECORDED IN THE CHATHAM COUNTY REGISTRY IN DEED BOOK 1237 PAGE 469 AND DEED BOOK 1246 PAGE 135); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND (AS SHOWN); THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 1ST DAY OF AUGUST, 2006 A.D.

CHARLES O. ELIASON L-3599

I, Charles O. Eliason, Professional Land Surveyor No. L-3599, certify to one more of the following as indicated thus:

(a) that the survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

(b) that the survey is located in such a portion of a county or municipality that is unregulated as to an ordinance that regulates parcels of land.

(c) that the survey is of an existing parcel or parcels of land and does not create a new street or change an existing street.

(d) that the survey is of another category, such as the recombination of existing parcels, a court-ordered survey, or other exception to the definition of subdivision.

(e) that the information available to the surveyor is such that the surveyor is unable to make a determination to the best of his or her professional ability as to the provisions contained in (a) through (d) above.

CHARLES O. ELIASON PLS L-3599

LINE	BEARING	DISTANCE
L1	N87°36'11"W	1624.38
L2	N87°41'50"W	1504.16
L3	N01°21'34"E	1684.40
L4	S78°32'15"W	1730.68
L5	S86°30'21"W	383.41
L6	S86°33'51"W	381.01
L7	S86°32'27"W	319.67
L8	N04°34'34"E	724.33
L9	N04°31'18"E	383.41
L10	N04°21'00"W	217.25
L11	N04°17'11"E	1267.61
L12	S87°16'53"W	198.02
L13	S84°42'18"W	235.38
L14	S82°08'21"W	613.45
L15	S84°21'09"W	30.70
L16	N09°36'32"W	450.11
L17	N11°04'13"W	348.19
L18	N22°09'37"E	804.06
L19	N82°09'37"E	208.14
L20	N82°09'37"E	371.58
L21	N81°22'58"E	450.97
L22	N22°09'37"E	804.06
L23	N70°43'16"E	349.87
L24	N03°36'35"W	2771.30
L25	N71°08'18"E	89.95
L26	N68°41'45"E	78.61
L27	N81°15'48"E	92.47
L28	N82°54'51"E	91.47
L29	N80°25'45"E	60.79
L30	N73°32'10"E	313.14
L31	N77°15'44"E	66.10
L32	N83°25'58"E	149.32
L33	N82°20'15"E	79.79
L34	S00°18'12"E	343.90
L35	S06°35'12"W	47.76
L36	S17°36'41"E	856.15
L37	S17°37'36"E	78.46
L38	S03°11'21"E	114.91
L39	S18°08'16"W	149.19
L40	S18°51'02"W	214.26
L41	S14°45'18"W	162.64
L42	S08°28'24"E	133.05
L43	S07°37'06"W	82.98
L44	S27°30'50"E	121.91
L45	S16°12'53"W	22.46
L46	S02°38'46"W	159.08
L47	S31°45'53"W	69.99
L48	S21°37'44"W	88.73
L49	S10°18'26"W	60.42
L50	S02°38'46"W	159.08
L51	S06°02'26"E	96.37
L52	S14°23'42"E	136.47
L53	S12°00'24"E	133.73
L54	S08°02'26"E	125.85
L55	S02°27'03"E	128.11
L56	S04°58'28"E	92.36
L57	S10°18'26"W	122.31
L58	S18°32'59"E	177.96
L59	S22°12'17"E	180.93
L60	N74°28'48"E	1086.38
L61	S08°48'06"E	53.67
L62	S08°48'06"E	60.33
L63	N02°34'21"E	411.18
L64	S31°55'51"E	415.96
L65	S88°48'13"E	267.10
L66	N78°17'24"E	355.24
L67	S24°12'42"E	313.14
L68	S34°17'36"E	136.47
L69	N58°42'24"E	398.95
L70	S34°17'36"E	60.00
L71	S02°38'46"W	159.08
L72	S24°26'32"E	207.62
L73	N86°39'53"E	284.27
L74	N81°09'15"E	186.09
L75	N81°17'26"E	212.95
L76	N57°25'37"E	217.35
L77	N45°19'49"E	166.48
L78	N45°19'49"E	40.77
L79	N38°15'39"E	163.05
L80	S64°25'12"E	223.04
L81	S27°30'50"E	165.78
L82	N89°23'32"E	165.78
L83	N78°17'26"E	49.34
L84	N89°23'32"E	402.21
L85	N89°45'04"E	406.19
L86	N89°23'32"E	49.34
L87	S80°19'48"W	206.48
L88	S02°38'46"W	159.08
L89	N80°39'11"E	174.10
L90	N37°09'06"E	55.36
L91	S88°02'45"E	1240.18
L92	S02°38'46"W	69.99
L93	S88°13'16"E	1917.10
L94	S10°18'26"W	122.31
L95	N88°13'16"E	1936.53
L96	S01°11'09"W	69.99
L97	S04°07'26"W	240.84
L98	S04°04'04"W	321.00
L99	S04°09'13"W	182.46
L100	N89°23'32"E	402.21
L101	S01°30'50"W	546.89
L102	S01°30'50"W	291.90
L103	S02°34'24"E	586.68
L104	S27°30'50"E	172.77
L105	S87°07'38"E	1299.07
L106	S88°05'35"E	225.62
L107	S88°05'35"E	33.20
L108	S02°38'46"W	159.08
L109	S06°35'18"E	150.00
L110	S05°35'19"E	162.09
L111	S08°21'55"E	100.00
L112	S16°17'25"E	100.00
L113	S22°09'55"E	100.00
L114	S24°41'55"E	217.26
L115	S24°41'55"E	121.34
L116	N82°28'42"W	609.00
L117	S18°30'48"E	48.66
L118	N85°37'47"W	822.48
L119	N85°37'47"W	1072.28
L120	N01°00'35"E	704.75
L121	S02°38'46"W	1118.53
L122	N00°48'38"E	739.93
L123	N00°48'12"E	38.54
L124	N87°37'40"W	50.00
L125	N87°37'40"W	100.00
L126	S29°18'20"E	31.21
L127	S84°33'38"W	24.79
L128	S84°33'38"W	291.91
L129	S02°38'46"W	181.19
L130	S05°26'22"E	130.81
L131	N84°33'38"E	292.80
L132	N84°33'38"E	23.79
L133	S29°18'20"E	37.00
L134	N10°41'40"W	265.00
L135	N78°18'20"E	375.00
L136	S10°41'40"W	265.00
L137	N84°33'38"E	23.79
L138	S27°30'50"E	41.48
L139	S87°00'30"E	34.54
L140	N76°31'05"E	148.76
L141	N76°31'05"E	152.73
L142	S77°38'59"E	41.48
L143	S82°35'35"E	66.37
L144	S82°35'35"E	126.04
L145	S84°25'06"E	69.09
L146	S84°25'06"E	69.09
L147	S55°42'24"W	398.95
L148	N86°44'03"W	520.72
L149	S00°19'27"E	238.03
L150	N84°24'06"W	96.52
L151	N82°32'06"W	126.04
L152	N78°52'48"W	80.00
L153	N38°35'27"W	66.37
L154	N77°38'59"W	414.82
L155	S76°31'07"W	8.95
L156	S04°04'02"E	101.00
L157	N09°44'18"W	155.13
L158	S36°42'41"E	80.01
L159	N81°30'33"E	144.20
L160	S34°38'00"W	102.49
L161	S37°41'41"E	95.33
L162	S31°49'58"E	51.36
L163	S36°42'41"E	80.01
L164	S04°06'19"E	135.33
L165	S02°38'46"E	172.26
L166	S02°38'46"E	172.26
L167	S24°47'20"E	67.68
L168	N82°31'26"E	1700.01
L169	N82°31'26"E	1700.01
L170	S02°38'46"E	40.00
L171	N84°33'38"E	110.00
L172	N82°18'18"W	62.97
L173	N01°33'46"W	26.82
L174	S02°26'28"W	63.23
L175	S32°34'18"W	119.51
L176	S82°04'54"W	100.00
L177	S73°19'41"E	96.72
L178	S79°18'21"E	659.07
L179	S79°18'21"E	87.83
L180	N19°08'57"E	87.73
L181	S81°12'04"E	28.03
L182	S82°15'17"W	111.63
L183	S81°44'28"E	168.76
L184	S35°31'11"E	101.86
L185	S00°19'27"E	238.03
L186	N84°24'06"W	78.11
L187	S42°47'52"E	241.68
L188	S63°01'15"W	139.36
L189	S36°42'41"E	80.01
L190	N81°30'33"E	144.20
L191	S34°38'00"W	102.49
L192	S37°41'41"E	95.33
L193	S31°49'58"E	51.36
L194	S36°42'41"E	80.01
L195	S10°00'58"E	104.22
L196	S37°41'41"E	80.11
L197	S24°47'20"E	67.68
L198	N82°31'26"E	1700.01
L199	S10°00'58"E	104.22
L200	S04°06'19"E	135.33
L201	S24°47'20"E	67.68
L202	N81°30'33"E	144.20
L203	N22°51'07"W	167.19
L204	N08°31'42"W	181.27
L205	N81°40'39"W	149.42
L206	N01°19'21"E	500.00
L207	N45°31'44"W	33.88
L208	S82°28'02"W	28.89
L209	S82°28'02"W	62.97
L210	N82°28'02"W	62.97
L211	N82°28'02"W	62.97
L212	S84°04'48"W	23.63
L213	S82°04'54"W	100.00
L214	N84°04'20"W	64.34
L215	S82°04'54"W	100.00
L216	S82°04'54"W	100.00
L217	S82°04'54"W	112.77
L218	N82°31'26"E	1700.01
L219	S82°15'17"W	111.63
L220	S82°15'17"W	75.63
L221	N84°50'06"W	66.23
L222	N82°50'06"W	49.57
L223	N87°42'26"W	90.98
L224	N80°37'04"W	138.91
L225	N85°30'07"W	88.81
L226	N87°58'15"W	254.44
L227	N02°01'03"E	175.00
L228	S87°58'15"W	100.00
L229	N00°28'40"E	225.04
L230	N87°58'15"W	254.44
L231	N86°42'17"E	116.26
L232	N81°28'43"E	166.32
L233	N57°34'46"E	186.82
L234	N80°37'40"E	219.85
L235	N82°31'26"E	200.45
L236	N73°35'21"E	160.08
L237	N57°04'46"E	172.21
L238	N80°37'40"E	219.85
L239	N82°31'26"E	200.45
L240	N68°03'06"W	106.23
L241	N66°56'56"W	91.98
L242	N80°14'46"W	138.25
L243	N82°31'26"E	200.45
L244	N45°31'44"W	114.14
L245	N45°07'04"W	113.15
L246	N44°41'38"E	63.21
L247	N82°28'02"W	120.71
L248	N76°09'13"W	23.58
L249	N76°09'13"W	135.31
L250	S84°34'20"W	271.64
L251	N82°31'26"E	50.44
L252	N68°56'17"W	75.29
L253	S36°48'16"W	31.85
L254	S81°58'36"W	97.17
L255	N82°31'26"E	53.42
L256	N45°37'55"W	62.57
L257	N53°33'36"E	69.37
L258	N44°41'38"E	63.21
L259	N82°31'26"E	158.02
L260	N26°38'35"E	100.60
L261	N46°51'26"W	76.12
L262	N34°57'40"W	44.22
L263	N72°12'54"W	50.44
L264	N28°22'47"W	75.29
L265	N13°38'55"W	93.90
L266	N82°31'26"E	53.42
L267	N45°37'55"W	62.57
L268	N41°50'12"E	36.89

LINE	BEARING	DISTANCE
L270	N34°55'52"E	237.82
L271	N17°28'03"W	282.00
L272	N02°28'56"E	74.22

ACREAGE TABLE

PARCEL A-1A	= 254.9766
PARCEL A-1B	= 133.7990
ACCESS ROAD TO NC HWY 87	= 7.7832
TOTAL GROSS ACREAGE	= 396.5588
RIGHT OF WAY AREA OLD GRAHAM ROAD PUBLIC SERVICE EASEMENT	= 1.0714
RIGHT OF WAY AREA NC HWY 87	= 0.0672
RIGHT OF WAY AREA NC-87	= 0.4030
TOTAL NET ACREAGE	= 394.9972

EXTERIOR PARCELS

PARCEL A-3	= 116.2730
PARCEL A-2	= 280.4856
TOTAL GROSS ACREAGE	= 396.7586
RIGHT OF WAY AREA NC-87	= 0.294
TOTAL NET ACREAGE	= 396.4646
TOTAL PROJECT ACREAGE	= 793.3174

CURVE TABLE

CURVE	LENGTH	RADIUS	CHORD BRG	CHORD LENGTH
C1	26.36	20.00	N83°31'55"W	24.49
C2	309.32	180.00	N81°58'58"E	272.64
C3	238.95	530.00	S89°26'03"W	236.94
C4	135.18	1030.00	N23°22'11"E	135.18
C5	566.93	1030.00	N84°21'53"E	559.80
C6	108.92	470.00	S45°13'57"E	108.68
C7	25.18	20.00	S87°54'58"E	23.95
C8	254.09	130.00	N68°00'00"W	215.33
C9	24.62	20.00	S47°16'14"E	23.08
C10	167.58	530.00	N73°28'36"W	166.89
C11	183.06	470.00	S72°34'34"E	181.90
C12	963.79	130.00	N74°28'11"E	948.47
C13	1002.96	1530.00	N74°28'11"E	985.1