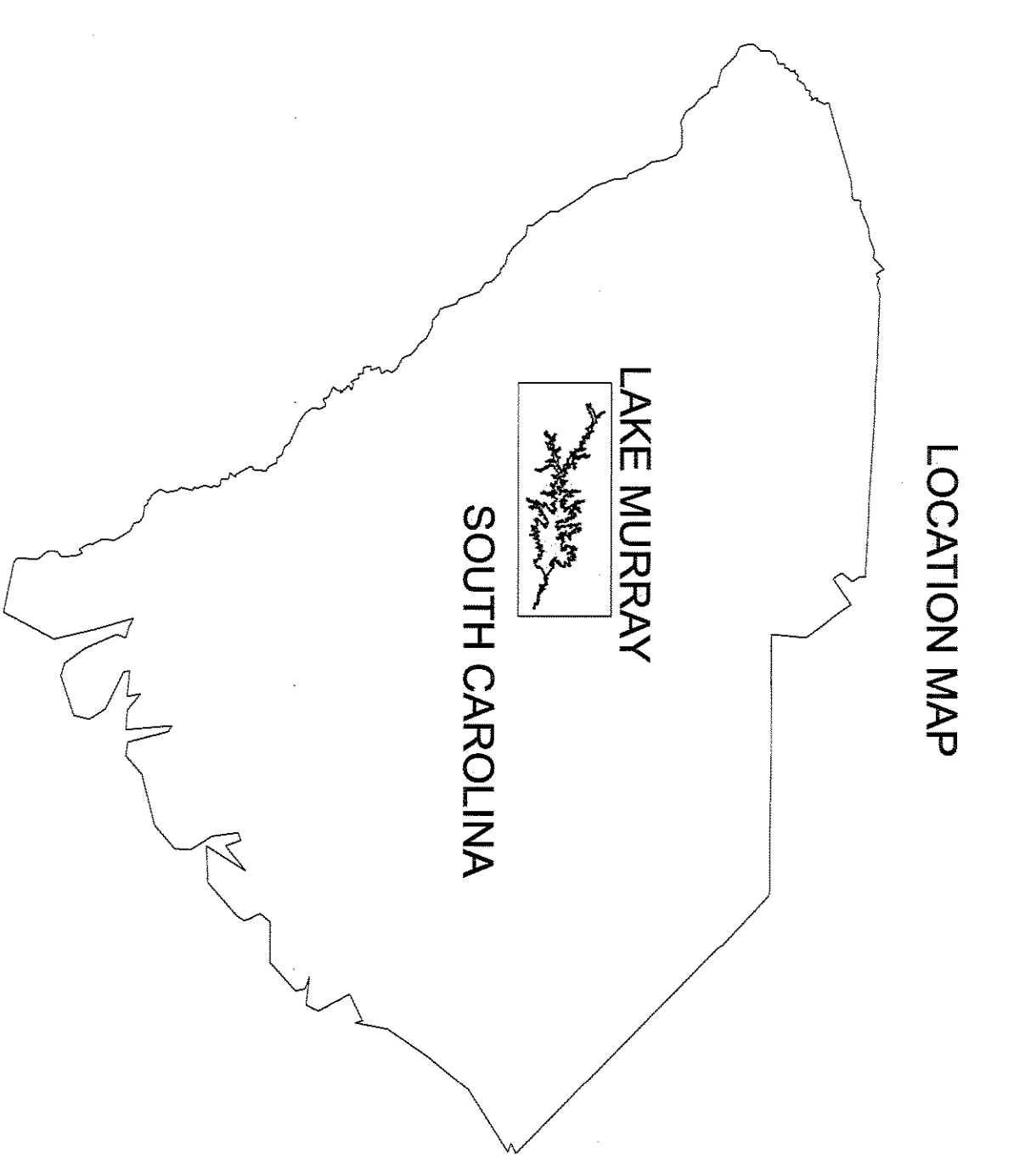
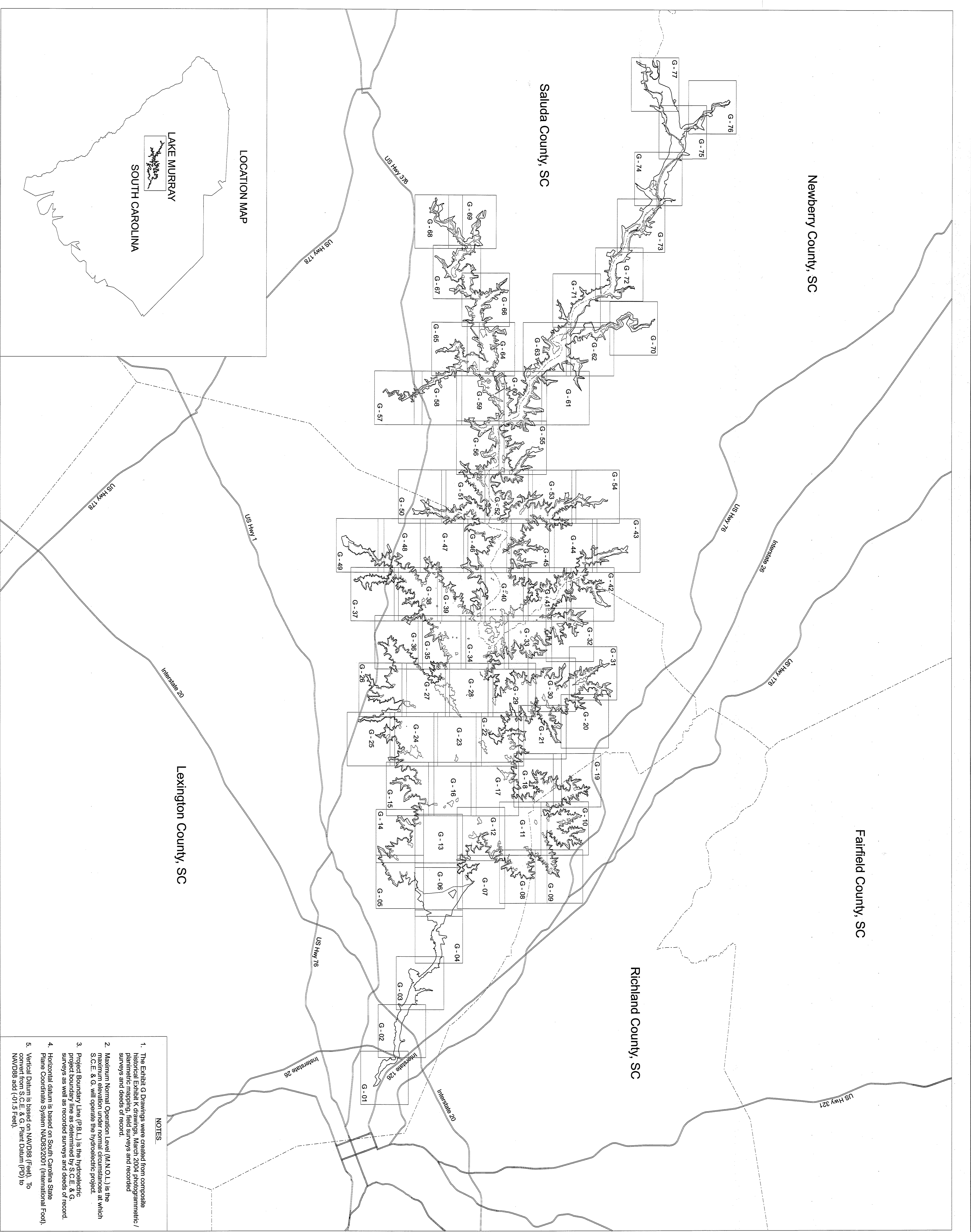
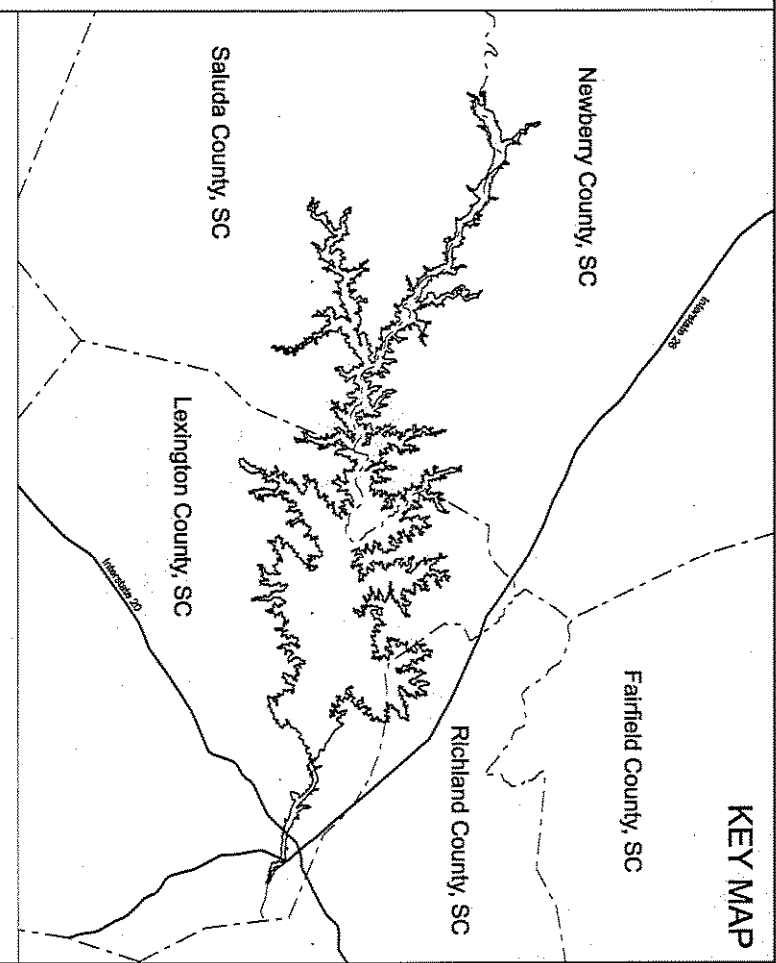


ATTACHMENT 3c  
FINAL SCHEDULE A RESPONSE –  
Exhibit G Maps - Revised



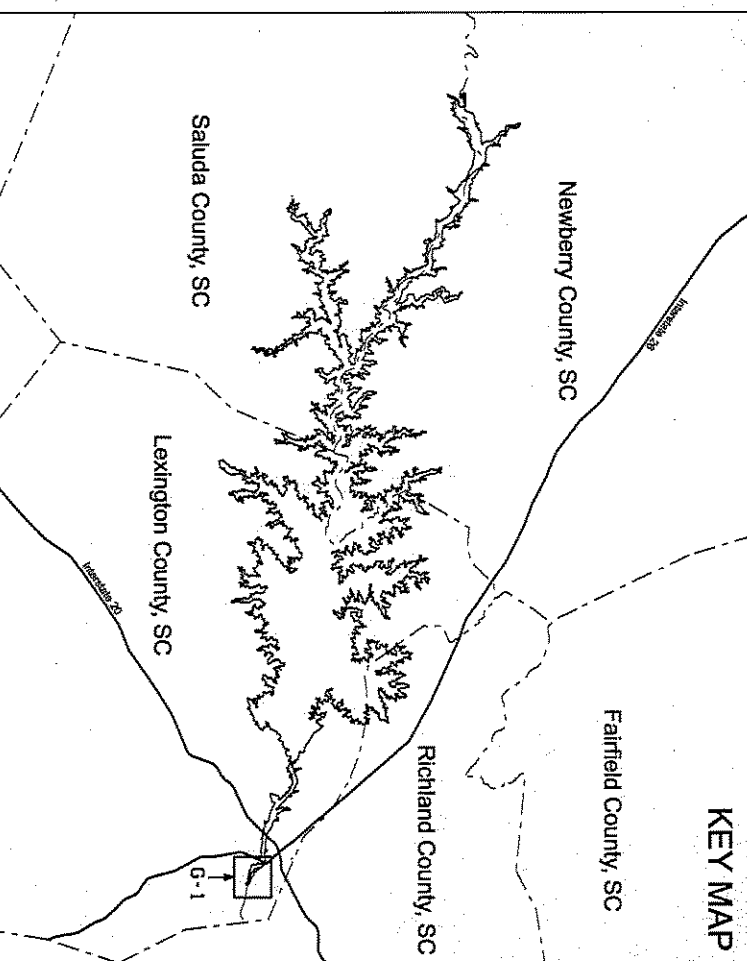
- NOTES**
1. The Exhibit G Drawings were created from composite historical Exhibit K drawings, March 2004 photogrammetric planimetric mapping, field surveys and recorded surveys and deeds of record.
  2. Maximum Normal Operation Level (M.N.O.L.) is the maximum elevation of water in the reservoir as at which S.C.E. & G. will operate the hydroelectric project.
  3. Project Boundary Line (P.B.L.) is the hydroelectric project boundary line as determined by S.C.E. & G. surveys as well as recorded surveys and deeds of record.
  4. Horizontal datum is based on South Carolina State Plane Coordinate System NAD83/2011 (International Foot).
  5. Vertical Datum is based on NAVD88 (Feet). To convert from S.C.E. & G. Plant Datum (PD) to NAVD88 add (-31.57 feet).



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON NAVD88 (FEET).  
 HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD88 AND S.C.E. & G. PLANT DATUM (PD) TO NAVD88, ADD (-31.57'). THE PROJECT BOUNDARY LINE IS BASED ON RECORDED SURVEYS AND DEEDS OF RECORD. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND WERE PROVIDED BY S.C.E. & G. SURVEYS AND DEEDS OF RECORD.  
 STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR DIGITAL PHOTOGRAMMETRY (NSIPA) SHALL BE USED TO CORRECT FOR SCALE APPROXIMATELY 1 INCH = 800 FEET.  
 1. GARY FAYON, A PROFESSIONAL, SOUTH CAROLINA ENGINEER, HAS REVIEWED THIS PORTION OF THE PROJECT DRAWINGS AND CONFIRMS THAT THE PROJECT BOUNDARY SHOWN HEREIN, THE ESSEMENT RIGHTS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY LINE, THE PROJECT BOUNDARY LINE THAT ARE NOT BOUNDARY LINES WERE BASED ON S.C.E. & G. SURVEYS AND DEEDS OF RECORD.  
 THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GARY FAYON, A PROFESSIONAL, SOUTH CAROLINA ENGINEER, ON 02/26/2009.  
 GARY FAYON, P.E.  
 S.C. REG. NO. 13183  
 S.C. PLAS 13183

EXHIBIT G SHEET G-00  
 DETAIL MAP OF PROJECT AREA  
 SHEET 00 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 8000 FEET  
 DATE: FEBRUARY 2009



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATA BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (P.D.), TO CONVERT FROM S.C.E. & G. PLANT DATA (P.D.) TO NAVD83 USE THE FOLLOWING FORMULA: NAVD83 = P.D. + 1.48. THIS FORMULA IS BASED ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY AND ESSENTIAL RIGHTS FLOODAGE ARE PROVIDED BY S.C.E. & G. AND SHOULD BE USED AS SHOWN.  
 SURVEYING AND PLANNING PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR PROFESSIONAL SURVEYING AND PLANNING AND PLAN AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.  
 1. GEORGE SIMPSON, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, PHOTOGRAMMETRIC SURVEYOR/ANALYST HAVE REVIEWED THE LAKE HERRY PROJECT MAPS, THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL AND PROFESSIONAL STANDARDS FOR PHOTOGRAMMETRIC SURVEYING AND PLANNING. ALL WORK IS BASED ON NAVD83/2011 SOUTH CAROLINA STATE PLANE 15 NUMBER EFFECT.  
 THIS DRAWING WAS ORIGINALLY ISSUED AND SEALED BY GEORGE SIMPSON, P.E., LICENSE NO. 41872, ON JULY 2, 2008. THIS REVISION SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.  
 1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE SALUDA HYDROELECTRIC PROJECT SHOWING THE PROJECT BOUNDARY AND ESSENTIAL RIGHTS FLOODAGE ARE PROVIDED BY S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD.  
 I, Gary Eaton, Surveyor, do hereby certify that I am a duly licensed Professional Land Surveyor in the State of South Carolina and that I have reviewed the above described project boundary and essential rights floodage lines that are shown on this map and that they are in accordance with the standards and practices of the Surveying and Mapping profession.  
 Gary Eaton  
 S.C. P.L.S./13163

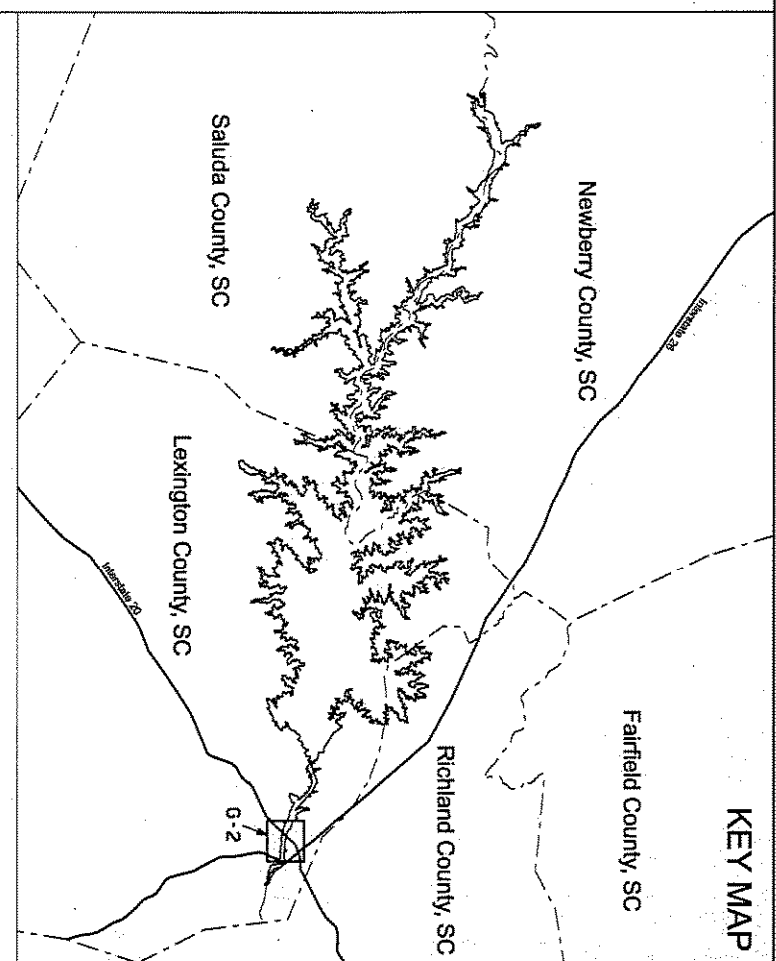
EXHIBIT G SHEET G-1  
 DETAIL MAP OF PROJECT AREA  
 SHEET 1 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 400 FEET  
 DATE: FEBRUARY 2009





G-3

G-1



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 PD AND PD'S, THE PROJECT BOUNDARY HEREIN IS BEING BASED ON PHOTOGRAMMETRIC HEIGHTS UNDER AN DIRECT SPHEREVISION ALL WORK IS BASED ON NAVD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY S.C.E. & G. PROJECT ENGINEER, SOUTH CAROLINA ENGINEERING PROFESSIONAL, LAND SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LATE MARYBY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW AND SIGNATURE SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN HEREIN ARE BASED ON S.C.E. & G. SURVEYS AND DIMENSIONS. THE ENGINEER'S REVIEW AND SIGNATURE SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY.

DATE: FEBRUARY 2009

S.C. Title 13163

EXHIBIT G SHEET G-2

DETAIL MAP OF PROJECT AREA

SHEET 2 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

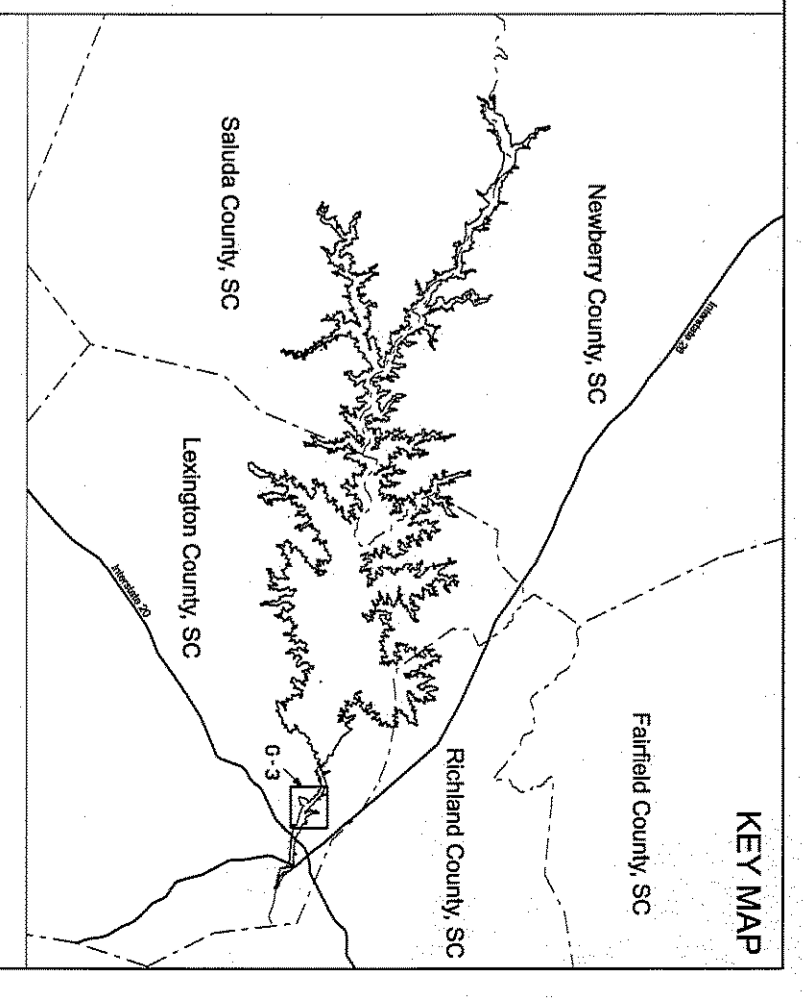
DATE: FEBRUARY 2009

From - To	Bearing	Distance
0-1	S 17°40' W	258'
1-2	N 71°08' W	290'
2-3	S 05°06' W	101'
3-4	S 54°25' W	91'
4-5	N 37°18' W	133'
5-6	S 54°07' W	40'
6-7	N 64°03' W	137'
7-8	N 17°03' E	122'
8-9	N 74°52' E	47'
9-10	N 17°03' E	103'
10-11	E L. 182.00'	1657'
11-12	N 22°02' E	224'
12-13	N 82°01' W	107'
13-14	N 84°42' W	136'
14-15		

**Project Boundary Line**



Lexington County



**LEGEND**

- MINIMUM RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

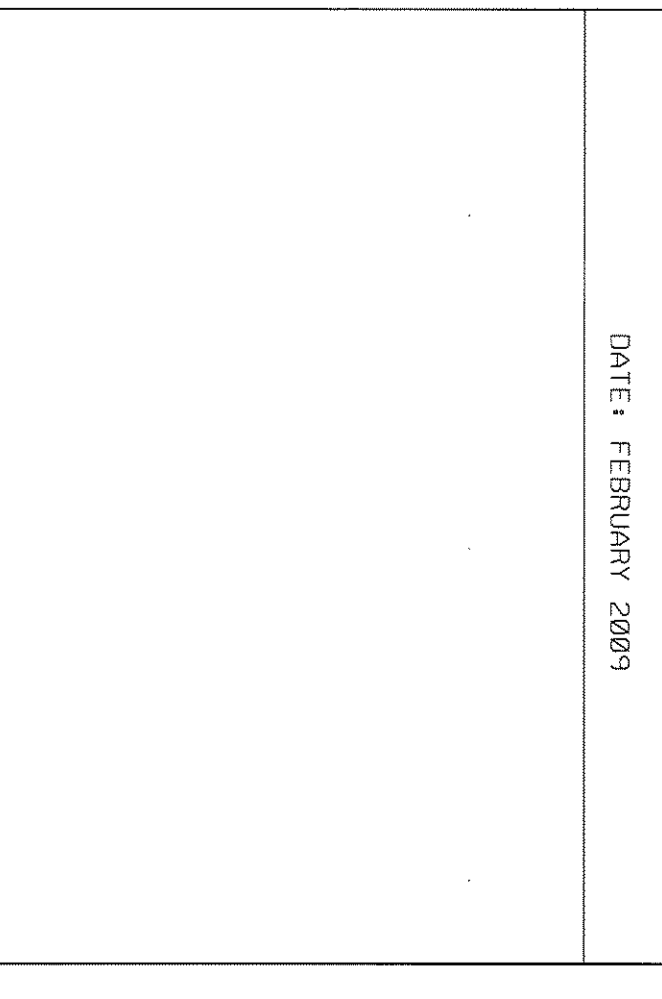
HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

1. GENERAL REMARKS: A PROFESSIONAL SURVEYOR/ENGINEER HAS REVIEWED THE PROJECT MAPS AND RECORDS. THE PLANNING AND CONSTRUCTION OF THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CLIENT. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE SURVEYING AND RECORDS. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE RECORDS OR THE RESULTS OF THE SURVEYING. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RECORDS. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORDS AND SURVEYING DATA PROVIDED BY THE CLIENT. THE ENGINEER HAS CONDUCTED A VISUAL INSPECTION OF THE PROJECT AREA AND HAS FOUND NO APPARENT DISCREPANCIES. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE SURVEYING AND RECORDS. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE RECORDS OR THE RESULTS OF THE SURVEYING. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RECORDS. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORDS AND SURVEYING DATA PROVIDED BY THE CLIENT.

**EXHIBIT G SHEET G-3**  
**DETAIL MAP OF PROJECT AREA**  
**SHEET 3 OF 77**  
**SALUDA HYDROELECTRIC PROJECT NO. 516**  
**SOUTH CAROLINA ELECTRIC & GAS COMPANY**

SCALE: 1 INCH = 400 FEET

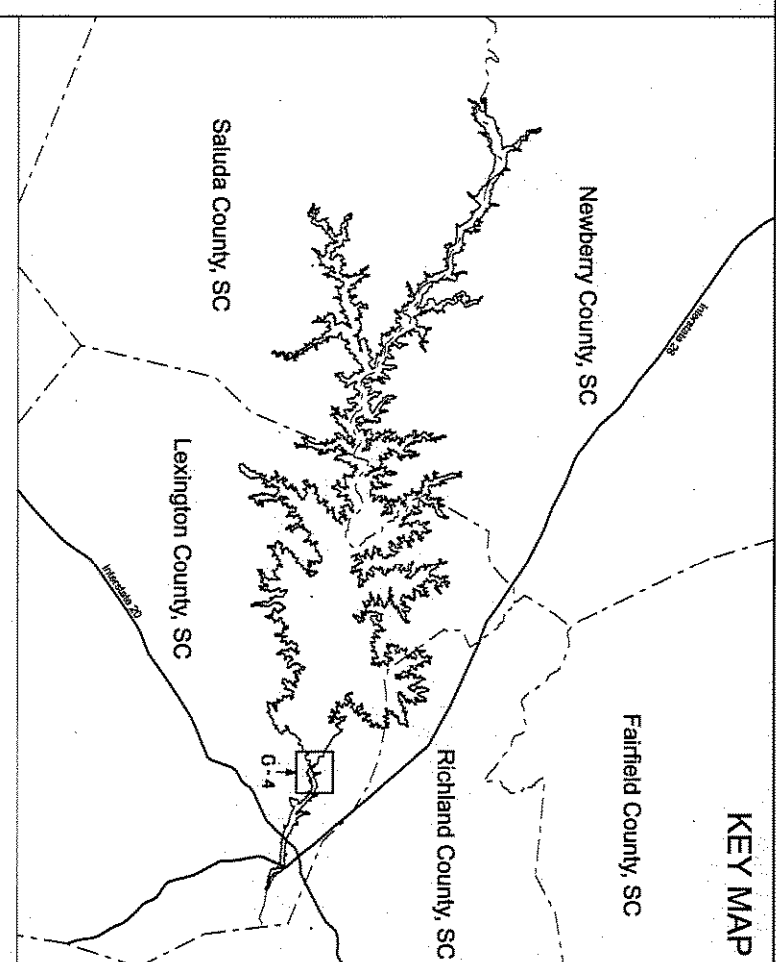
DATE: FEBRUARY 2009



From - To	Bearing	Distance
0-1	S 13°4' W	1091'
1-2	S 74°12' E	1942'
2-3	EL. 185.00'	2819'
3-4	N 20°24' E	40'
4-5	N 01°43' E	547'
5-6	N 89°42' E	788'
6-7	N 07°45' E	1587'
7-8	N 73°39' E	282'
8-9	S 16°37' E	42'
9-10	N 72°27' E	38'
10-11	S 11°39' E	1001'
11-12	N 66°17' E	1342'
12-13	S 06°27' W	838'
13-14	N 84°33' E	1210'
14-15	N 05°41' E	78'
15-16	N 83°24' E	619'
16-17	S 83°26' E	180'
17-18	N 08°32' E	53'
18-19	S 84°42' E	814'
19-20	S 82°01' E	107'
20-21	S 22°02' W	224'
22-23	S 45°00' W	480'
23-24	S 00°00' E	1000'
24-25	N 80°00' W	380'
25-26	S 72°00' W	880'
26-27	N 19°00' W	1080'
27-28	S 27°00' W	1467'



S.C.E. & G. records indicate ownership in fee or rights acquired by easement to have diminished while not specifically acquired general and special easements.



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN FEET DATUM 1985. TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD85 AND S. 81.5', THE PROJECT BOUNDARY HEREIN IS BEING DERIVED USING PHOTOGRAMMETRIC METHODS UNDER AN OBJECT SURVEYSION. ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY S.C.E. & G. AS A PROFESSIONAL LAND SURVEYOR. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY ELLON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13153, HAVE REVIEWED THIS PORTION OF THE LAND SURVEY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW AND SIGNATURE SHOWN ON THIS MAP THAT ARE UNDER THE ENGINEER'S SUPERVISION. THE PROJECT BOUNDARY LINES THAT ARE HEREIN SHOWN WERE BASED ON S.C.E. & G. SURVEYS AND RECORDS OF 1950 OR THEREAFTER.

*Henry C. Ellon*  
S.C. P.L.S. 13109

EXHIBIT G SHEET G-4

DETAIL MAP OF PROJECT AREA

SHEET 4 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 75°45' E	76'
1-2	N 50°45' E	280'
2-3	S 48°10' E	295'
3-4	S 66°30' W	340'
4-5	S 15°01' W	275'
5-6	N 86°03' W	128'
6-7	N 71°00' E	277'
7-8	S 70°07' E	286'
8-9	S 38°37' W	417'
9-10	S 77°00' E	250'
10-11	S 41°00' E	319'
11-12	N 25°45' E	799'
12-13	N 25°45' E	799'
13-14	N 89°30' E	370'
14-15	N 34°15' E	570'
15-16	S 29°00' E	405'
16-17	N 41°08' E	85'
17-18	N 41°00' E	170'
18-19	N 46°25' E	170'
19-20	S 79°20' E	258'
20-21	N 62°30' E	530'
21-22	S 41°30' E	360'
22-23	N 71°15' E	372'
23-24	N 31°30' E	462'
24-25	N 09°00' E	450'
25-26	N 47°45' E	265'
26-27	S 38°30' E	715'
27-28	N 61°30' E	396'
28-29	N 39°58' W	450'
29-30	N 52°00' E	610'
30-31	N 52°00' E	80'
31-32	S 83°00' E	375'
32-33	N 35°10' E	765'
33-34	N 38°35' E	442'
34-35	N 59°00' W	285'
35-36	N 55°00' W	798'
36-37	N 02°30' E	130'
37-38	N 02°54' E	90'
38-39	N 85°30' E	80'
39-40	N 85°30' E	180'
40-41	N 26°30' W	120'
41-42	N 01°45' W	120'
42-43	N 37°15' W	205'
43-44	N 22°00' W	155'
44-45	N 01°15' E	235'
45-46	N 88°00' W	380'
46-47	S 25°15' W	180'
47-48	S 71°15' W	550'
48-49	S 79°30' W	440'
49-50	N 40°00' E	500'
50-51	N 03°00' W	190'
51-52	S 68°25' W	226'
52-53	N 17°50' W	638'
53-54	EL 362.00'	1973'
54-55	S 14°46' E	451'
55-56	S 85°30' E	422'
56-57	N 22°00' E	324'
57-58	N 41°30' E	919'
58-59	N 48°00' E	297'
59-60	S 52°00' E	1152'
60-61	N 39°00' E	815'
61-62	N 45°00' W	240'
62-63	N 43°01' E	423'
63-64	N 70°00' E	179'
65-66	S 04°30' E	484'
66-67	N 68°20' E	484'



LAKE MURRAY

**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ▭ EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.A.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- ▭ PROPOSED FUTURE RECREATION AREAS

**IDENTIFICATION DATA** BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (NAD83/2011) (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON MANGROVE (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). PD CONVERTED FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 (PD) USING THE DATUM SHIFT OF 1.180' (ONE) AND WERE PRODUCED ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT S.C.E. & G. AND MARKED BY ORBIS, INC. WERE PROVIDED BY SUPERVISOR/PLANNING ENGINEER IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS: AERIAL PHOTOGRAPHY AND FLOW AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GENERAL SURVEYOR & PROFESSIONAL SURVEYOR: SAULDA HYDROELECTRIC PROJECT NO. 516. THE PLANNING AND CONSTRUCTION PHOTOGRAPHIC SURVEY/APPRAISAL HAVE REVIEWED THIS PROJECT AND FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENGINEERING STANDARDS FOR THE SCALE OF 1"=100' (ONE) AND WERE PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER THE DIRECT SUPERVISION OF THE PROJECT SURVEYOR. THE LANDS SHOWN ON THIS MAP THAT ARE INTENDED TO BE RECREATION AREAS ARE SHOWN AS SUCH AND ARE NOT TO BE CONSIDERED AS SUCH UNLESS OTHERWISE NOTED BY RECORD.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GENERAL SURVEYOR L. ZACHS, ON JULY 2, 2009. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13183, HAVE REVIEWED THIS PORTION OF SAULDA HYDROELECTRIC PROJECT NO. 516 AND HAVE FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENGINEERING STANDARDS FOR THE SCALE OF 1"=100' (ONE) AND WERE PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER THE DIRECT SUPERVISION OF THE PROJECT SURVEYOR. THE LANDS SHOWN ON THIS MAP THAT ARE INTENDED TO BE RECREATION AREAS ARE SHOWN AS SUCH AND ARE NOT TO BE CONSIDERED AS SUCH UNLESS OTHERWISE NOTED BY RECORD.

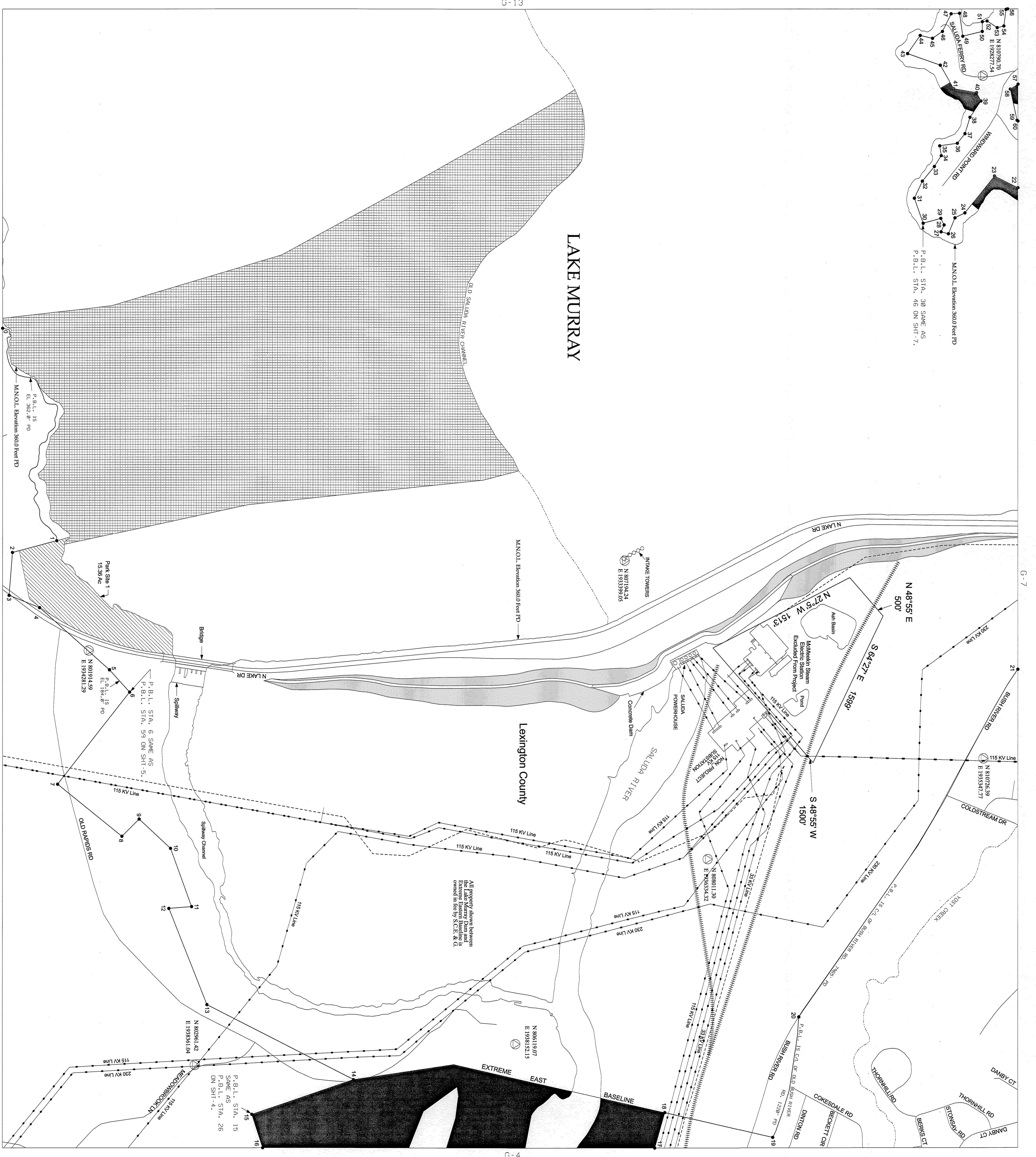
SAULDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	E1.362.00'	2889'
1-2	S 14°46' E	451'
2-3	S 85°30' E	422'
3-4	N 22°00' E	324'
4-5	N 41°30' E	919'
5-6	N 48°00' E	297'
6-7	S 82°00' E	1152'
7-8	N 39°00' E	815'
8-9	N 43°00' W	240'
9-10	N 43°01' E	423'
10-11	N 70°00' E	609'
11-12	S 04°30' E	225'
12-13	N 68°20' E	1020'
13-14	N 27°00' E	1620'
14-15	S 19°00' E	1060'
15-16	N 72°00' E	347'
17-18	N 74°12' W	363'
18-19	N 13°04' E	1091'
19-20	C/L of Rd	1215'
20-21	C/L of Rd	4042'
21-22	S 26°37' W	258'
22-23	S 51°08' E	465'
23-24	S 25°58' E	109'
24-25	S 67°41' E	169'
25-26	S 14°35' W	75'
26-27	N 66°25' W	74'
27-28	S 53°35' W	180'
28-29	S 15°25' E	180'
29-30	S 70°30' W	260'
30-31	N 94°50' W	185'
31-32	N 50°40' W	186'
32-33	N 57°30' W	127'
33-34	S 81°03' W	99'
34-35	N 08°10' W	175'
35-36	N 51°10' W	120'
36-37	N 73°10' W	168'
37-38	N 56°00' W	194'
38-39	S 62°17' W	93'
39-40	S 09°59' W	230'
40-41	S 60°18' W	342'
41-42	S 19°25' W	242'
42-43	N 65°00' W	217'
43-44	N 13°10' E	124'
44-45	N 34°50' W	119'
45-46	N 63°45' W	193'
46-47	N 03°20' W	83'
47-48	N 81°50' E	228'
48-49	N 13°45' W	197'
49-50	N 69°30' W	96'
50-51	N 08°45' W	47'
51-52	N 33°15' E	120'
52-53	N 13°45' W	67'
53-54	N 82°45' W	165'
54-55	N 16°10' W	17'
55-56	S 32°23' E	90'
57-58	N 77°42' E	313'
58-59	N 39°42' E	12'
59-60		



**KEY MAP**

**LEGEND**

- HIGHWAY RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-6**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**SC. P.L.S. 1363**

*Wesley C. ...*

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GENARD SANKAR, E. 24650, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM USING PHOTOGRAMMETRIC METHODS UNDER MY DIRECT SUPERVISION. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY LINE ARE THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THE SURVEY RECORDS OF THE PROJECT BOUNDARY LINES AND THE VERTICAL DATUM IS MANDATORY.

2. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM USING PHOTOGRAMMETRIC METHODS UNDER MY DIRECT SUPERVISION. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY LINE ARE THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THE SURVEY RECORDS OF THE PROJECT BOUNDARY LINES AND THE VERTICAL DATUM IS MANDATORY.

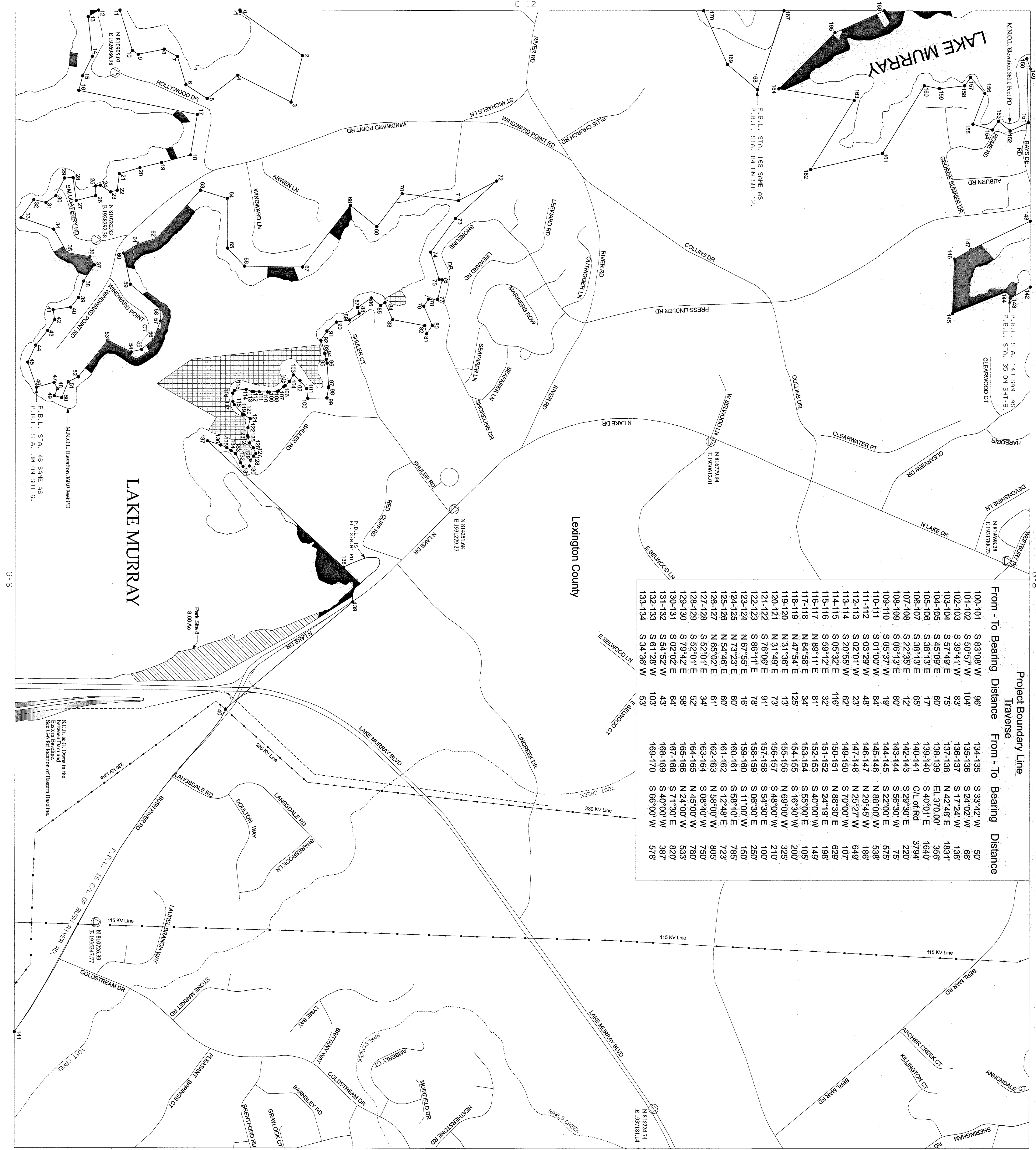


Project Boundary Line

From - To Traverse	Bearing	Distance
0-1	N 79.02° E	13'
1-2	N 35.12° E	752'
2-3	S 26.18° E	471'
3-4	S 26.45° W	588'
4-5	S 37.20° W	380'
5-6	S 32.52° W	250'
6-7	S 29.12° W	290'
7-8	S 11.18° E	150'
8-9	S 11.18° E	280'
9-10	S 32.52° W	70'
10-11	S 72.52° W	414'
11-12	S 32.08° E	122'
12-13	N 83.52° E	390'
13-14	S 63.30° E	215'
14-15	S 63.30° E	215'
15-16	S 75.31° E	148'
16-17	N 11.27° E	1192'
17-18	S 80.33° E	405'
18-19	S 15.03° E	295'
19-20	S 13.15° E	220'
20-21	S 16.10° E	211'
21-22	S 82.45° E	165'
22-23	S 13.45° E	67'
23-24	S 33.15° W	120'
24-25	S 08.45° E	47'
25-26	S 89.30° E	96'
26-27	S 13.45° E	197'
27-28	S 81.50° W	228'
28-29	S 03.20° E	83'
29-30	S 63.45° E	193'
30-31	S 34.50° E	119'
31-32	S 13.10° W	124'
32-33	S 55.00° E	217'
33-34	N 19.25° E	342'
34-35	N 60.18° E	264'
35-36	N 09.59° E	230'
36-37	N 62.17° E	93'
37-38	S 56.00° E	194'
38-39	S 73.10° E	168'
39-40	S 51.10° E	120'
40-41	S 08.10° E	175'
41-42	N 81.03° E	99'
42-43	S 57.30° E	127'
43-44	S 50.40° E	186'
44-45	S 64.50° E	185'
45-46	N 70.30° E	260'
46-47	N 15.25° W	180'
47-48	N 63.35° E	72'
48-49	S 66.25° E	74'
49-50	N 14.35° E	75'
50-51	N 67.41° W	169'
51-52	N 25.58° W	109'
52-53	N 51.08° W	465'
53-54	N 26.37° E	258'
54-55	N 25.37° E	105'
55-56	N 41.08° W	150'
56-57	N 67.53° W	196'
57-58	N 89.00° W	111'
58-59	S 39.42° W	391'
59-60	S 77.42° W	313'
60-61	N 32.23° W	170'
61-62	N 17.18° W	190'
62-63	N 47.28° W	641'
63-64	N 17.09° E	275'
64-65	N 89.45° E	490'
65-66	N 46.32° E	245'
66-67	N 00.47° E	572'
67-68	N 52.13° W	769'
68-69	N 38.42° E	336'
69-70	N 62.43° W	412'
70-71	N 07.00° E	560'
71-72	N 27.30° W	545'
72-73	S 42.30° E	545'
73-74	S 53.45° E	415'
74-75	N 72.30° E	280'
75-76	N 07.50° E	30'
76-77	S 77.07° E	194'
77-78	S 01.05° E	93'
78-79	S 67.30° E	81'
79-80	N 66.28° E	208'
80-81	S 55.28° E	98'
81-82	S 76.44° W	82'
82-83	S 10.24° W	322'
83-84	S 65.51° W	184'
84-85	S 32.23° E	51'
85-86	S 37.36° W	117'
86-87	S 34.41° E	165'
87-88	N 74.10° E	59'
88-89	S 35.15° E	115'
89-90	S 08.55° E	130'
90-91	S 43.20° E	130'
91-92	S 56.56° E	108'
92-93	N 73.07° E	133'
93-94	N 80.55° E	6'
94-95	N 76.52° E	57'
95-96	N 76.53° E	37'
96-97	N 65.59° E	232'
97-98	S 80.58° E	10'
98-99	S 81.08° E	101'
99-100	S 01.27° E	189'

Project Boundary Line

From - To Traverse	Bearing	Distance
100-101	S 83.08° W	96'
101-102	S 50.57° W	104'
102-103	S 39.41° W	83'
103-104	S 57.49° E	75'
104-105	S 45.09° E	60'
105-106	S 38.13° E	77'
106-107	S 38.13° E	65'
107-108	S 22.35° E	12'
108-109	S 06.13° E	80'
109-110	S 05.37° W	19'
110-111	S 01.00° W	84'
111-112	S 03.29° W	48'
112-113	S 02.91° W	23'
113-114	S 20.55° W	62'
114-115	S 05.32° E	116'
115-116	S 59.12° E	32'
116-117	N 89.11° E	34'
117-118	N 64.58° E	125'
118-119	N 47.54° E	13'
119-120	N 31.36° E	73'
120-121	N 31.49° E	91'
121-122	S 76.06° E	73'
122-123	S 86.11° E	78'
123-124	N 67.95° E	16'
124-125	N 73.23° E	60'
125-126	N 54.46° E	60'
126-127	N 65.02° E	61'
127-128	S 52.01° E	34'
128-129	S 52.01° E	52'
129-130	S 79.42° E	58'
130-131	S 02.92° E	64'
131-132	S 54.52° W	43'
132-133	S 61.28° W	64'
133-134	S 34.36° W	103'
134-135	S 33.42° W	50'
135-136	S 24.02° W	66'
136-137	S 17.24° W	138'
137-138	N 42.48° E	183'
138-139	E 370.00°	356'
139-140	S 40.01° E	1640'
140-141	C/L of Rd	3794'
141-142	S 29.30° E	220'
142-143	S 56.30° E	75'
143-144	S 22.00° E	575'
144-145	S 22.00° E	538'
145-146	N 88.00° W	186'
146-147	N 29.45° W	186'
147-148	N 25.27° W	649'
148-149	S 70.00° W	107'
149-150	N 86.30° E	629'
150-151	S 24.19° E	198'
151-152	S 40.00° W	149'
152-153	S 55.00° E	105'
153-154	S 16.30° W	200'
154-155	S 16.30° W	325'
155-156	N 69.00° W	325'
156-157	S 48.00° W	210'
157-158	S 54.30° E	100'
158-159	S 06.30° E	290'
159-160	S 11.00° W	150'
160-161	S 58.10° E	785'
161-162	S 12.48° E	723'
162-163	N 58.00° W	805'
163-164	S 08.40° W	750'
164-165	N 45.00° W	780'
165-166	N 24.00° W	533'
166-167	S 77.30° E	820'
167-168	S 40.00° W	387'
168-169	S 66.00° W	578'



**KEY MAP**

**LEGEND**

- ROLLROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOODING AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOODING AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G**

DETAIL MAP OF PROJECT AREA

SHEET 7 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1" = 400 FEET

DATE: FEBRUARY 2009

**EXHIBIT G**

SHEET G-7

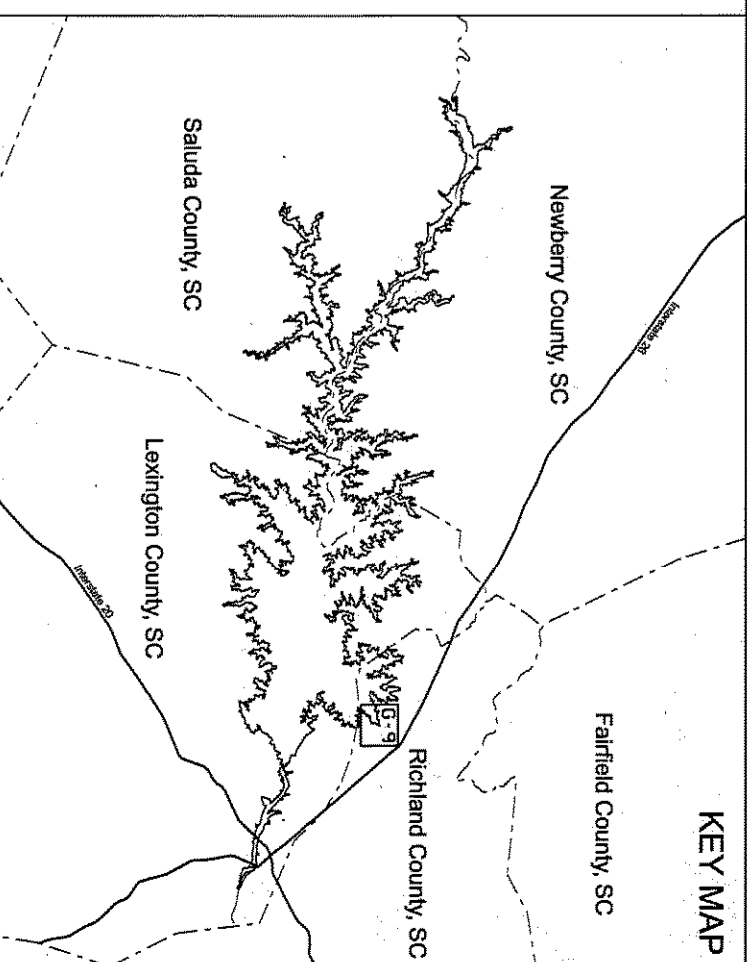
S.C. PLAN #106

*Mark St.*

THIS DOCUMENT HAS BEEN PREPARED BY ENGINEERS REGISTERED IN THE STATE OF SOUTH CAROLINA. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR THIS DOCUMENT TO BE VALID. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR THIS DOCUMENT TO BE VALID. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR THIS DOCUMENT TO BE VALID.



From - To	Bearing	Distance
0-1	N 87°00' W	60'
1-2	S 08°00' W	3'
3-4	N 17°30' W	707'
4-5	N 86°01' E	455'
5-6	N 08°38' W	479'
6-7	S 32°05' E	831'
7-8	N 09°30' E	690'
8-9	N 60°45' E	413'
9-10	N 51°00' W	415'
10-11	S 86°30' E	798'
11-12	N 54°00' W	394'
12-13	N 01°00' E	220'
13-14	N 79°30' E	410'
14-15	N 22°00' W	385'
15-16	N 42°45' E	130'
16-17	S 65°45' E	202'
17-18	N 58°40' E	107'
18-19	S 20°15' E	415'
19-20	N 21°30' E	465'
20-21	S 65°00' E	671'
21-22	N 13°30' W	333'
22-23	N 77°00' E	723'
23-24	N 17°00' E	595'
24-25	N 44°30' W	550'
25-26	N 81°22' E	263'
26-27	N 12°30' E	425'
27-28	N 60°30' E	510'
28-29	N 19°15' E	777'
29-30	S 59°30' W	972'
30-31	N 31°30' W	260'
31-32	N 17°30' W	540'
32-33	S 20°00' W	946'
33-34	N 53°27' W	176'
34-35	S 71°30' W	240'
35-36	N 22°00' W	309'
36-37	N 71°00' W	220'
37-38	S 55°30' W	500'
38-39	S 55°30' W	100'
39-40	N 41°10' W	590'
40-41	S 06°00' W	580'
41-42	N 40°00' W	1038'
42-43	S 04°45' E	1366'
43-44	N 53°00' W	312'
44-45	S 77°00' W	355'
45-46	N 13°30' W	400'
46-47	S 44°00' W	110'
47-48	N 17°00' W	380'
48-49	N 87°00' W	273'
49-50	S 11°00' W	115'
50-51	S 11°00' W	280'
51-52	S 11°00' W	285'
52-53	N 84°15' W	485'



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND TIDEWATER
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD83, ADD 0.15'. THE PROJECT BOUNDARY HEREIN IS BEING BASED ON S.C.E. & G. PLANT DATUM UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND WERE DATED BY DATE.

STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR DIGITAL PHOTOGRAMMETRY (NSIPA) WAS TAKEN AT A SCALE APPROXIMATELY 1" = 500 FEET.

1. GARY FAYNE, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13150, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED TO BE AFFIXED TO THESE DRAWINGS. THE LANDS SHOWN ON THIS MAP THAT ARE INTENSELY CULTIVATED ARE SHOWN WITH A HATCHED PATTERN. THE PROJECT BOUNDARY LINES THAT ARE NOT INTENSELY CULTIVATED ARE SHOWN WITH A DOTTED PATTERN. THE PROJECT BOUNDARY LINES THAT ARE INTENSELY CULTIVATED ARE SHOWN WITH A HATCHED PATTERN.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GARY FAYNE, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13150, ON FEBRUARY 2009. THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

*Gary Fayne*  
Professional Land Surveyor  
S.C. P.L.S. 13150

EXHIBIT 6 SHEET 0-9

DETAIL MAP OF PROJECT AREA

SHEET 9 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

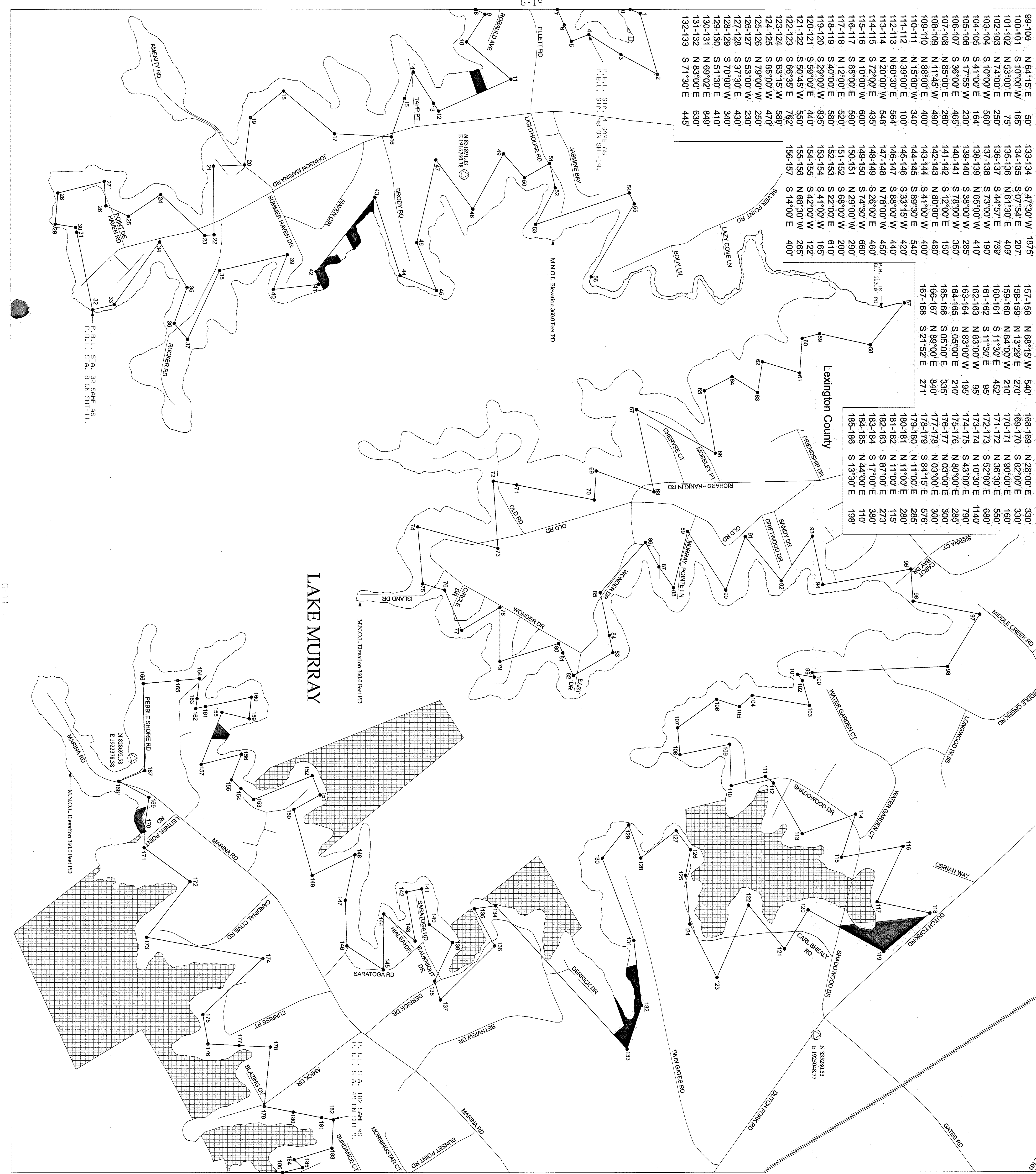
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009



Project Boundary Line

From - To	Bearing	Distance
0-1	N 22°00' E	103
1-2	N 74°02' E	610
2-3	S 28°30' W	400
3-4	S 32°00' W	365
4-5	S 21°00' E	180
5-6	S 66°00' W	170
6-7	S 66°59' W	164
7-8	N 26°30' E	103
8-9	S 56°30' E	320
9-10	N 26°00' E	557
10-11	S 24°00' E	762
11-12	S 57°00' W	90
12-13	S 57°00' W	360
13-14	S 72°00' E	270
14-15	S 72°00' E	390
15-16	S 71°01' E	390
16-17	S 03°00' W	550
17-18	S 38°30' W	410
18-19	S 40°00' W	460
19-20	S 02°00' E	300
20-21	N 89°30' E	660
21-22	S 04°00' E	90
22-23	S 43°00' W	580
23-24	S 34°00' E	375
24-25	S 25°00' W	240
25-26	S 86°00' W	235
26-27	S 14°00' E	460
27-28	S 85°00' E	200
28-29	N 09°00' E	300
29-30	N 78°30' E	50
30-31	N 78°30' E	760
31-32	N 13°15' W	215
32-33	N 54°00' W	745
33-34	N 59°00' E	514
34-35	S 70°10' E	365
35-36	N 50°05' E	200
36-37	N 64°50' W	730
37-38	N 13°00' W	670
38-39	S 68°00' E	360
39-40	N 06°15' W	440
40-41	S 78°00' W	128
41-42	N 51°30' W	914
42-43	N 72°15' E	794
43-44	N 22°00' E	380
44-45	S 67°30' W	500
45-46	N 18°30' W	115
46-47	N 53°00' E	818
47-48	N 61°00' W	593
48-49	N 29°30' W	305
49-50	S 12°30' W	500
50-51	S 14°45' E	175
51-52	S 86°00' E	335
52-53	S 17°00' W	375
53-54	S 81°00' E	290
54-55	S 27°00' E	300
55-56	N 80°00' W	610
56-57	S 29°00' W	811
57-58	S 20°00' W	592
58-59	S 11°00' W	760
59-60	S 09°00' W	230
60-61	S 09°00' W	230
61-62	S 15°00' W	650
62-63	S 15°00' W	800
63-64	S 15°00' W	800
64-65	S 15°00' W	800
65-66	S 15°00' W	800
66-67	S 15°00' W	800
67-68	S 15°00' W	800
68-69	S 15°00' W	800
69-70	S 15°00' W	800
70-71	S 15°00' W	800
71-72	S 15°00' W	800
72-73	S 15°00' W	800
73-74	S 15°00' W	800
74-75	S 15°00' W	800
75-76	S 15°00' W	800
76-77	S 15°00' W	800
77-78	S 15°00' W	800
78-79	S 15°00' W	800
79-80	S 15°00' W	800
80-81	S 15°00' W	800
81-82	S 15°00' W	800
82-83	S 15°00' W	800
83-84	S 15°00' W	800
84-85	S 15°00' W	800
85-86	S 15°00' W	800
86-87	S 15°00' W	800
87-88	S 15°00' W	800
88-89	S 15°00' W	800
89-90	S 15°00' W	800
90-91	S 15°00' W	800
91-92	S 15°00' W	800
92-93	S 15°00' W	800
93-94	S 15°00' W	800
94-95	S 15°00' W	800
95-96	S 15°00' W	800
96-97	S 15°00' W	800
97-98	S 15°00' W	800
98-99	S 15°00' W	800
99-100	S 15°00' W	800



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPENING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HYDROPAK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPOSED FUTURE RECREATION AREAS

**KEY MAP**

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE IN ANE COORDINATE SYSTEM NUMBER 2001 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

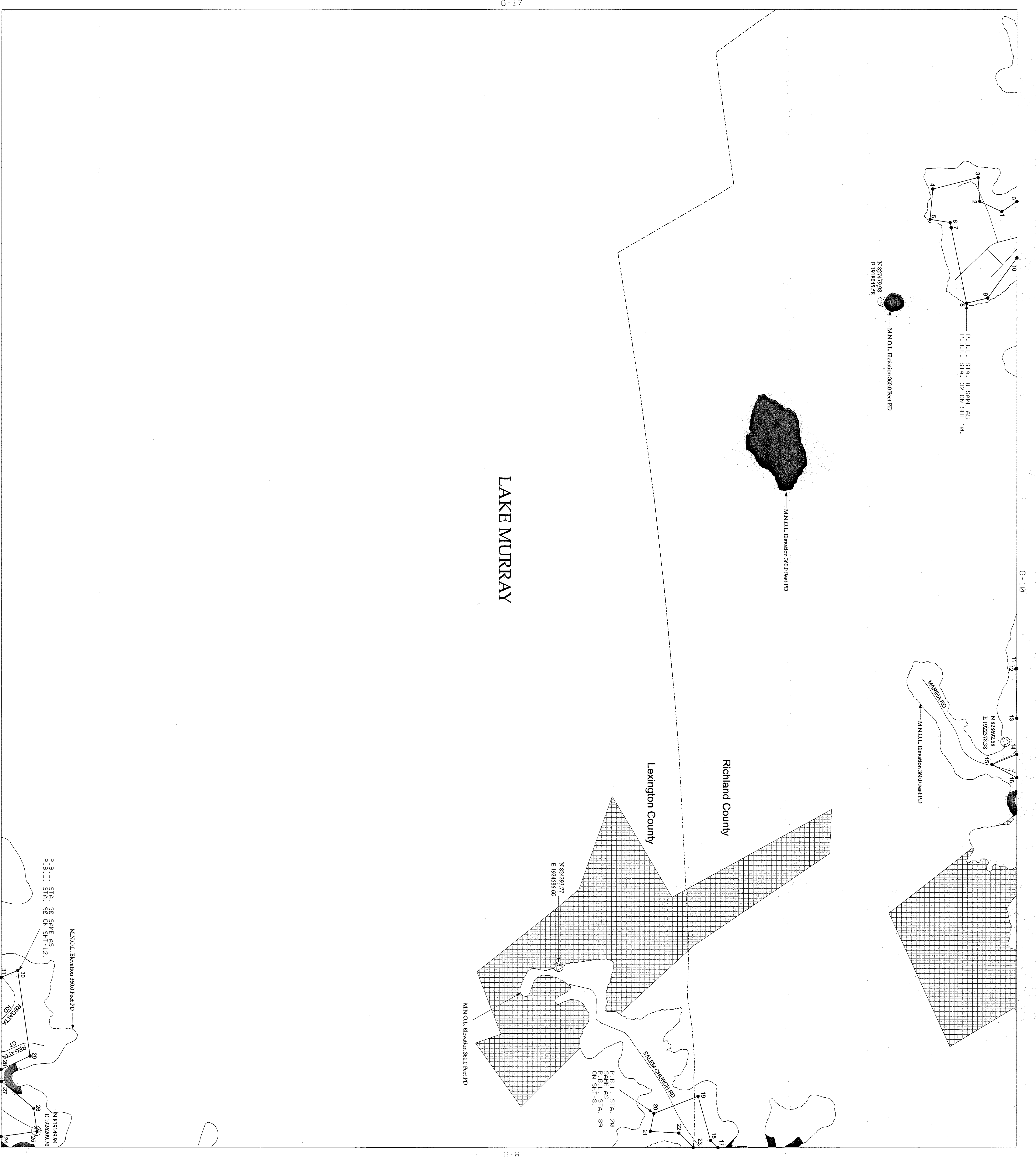
ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (F.T.D.). TO CONVERT FROM S.C.E. & G. PLAIN DATUM (F.T.D.) TO NAVD83 (FEET), ADD 1.48 FEET TO ALL ELEVATIONS. ALL ELEVATIONS SHOWN ON S.C.E. & G. SHEETS AND RECORDED SHEETS AND DEEDS ARE RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE PROJECT BOUNDARY LINE. THE PROJECT BOUNDARY LINE IS SHOWN ON THE PROJECT BOUNDARY LINE. THE PROJECT BOUNDARY LINE IS SHOWN ON THE PROJECT BOUNDARY LINE. THE PROJECT BOUNDARY LINE IS SHOWN ON THE PROJECT BOUNDARY LINE.

THIS PROJECT WAS ORIGINALLY ISSUED AND DESIGNED BY GEORGE SEMANICK, E.I.T., ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13123, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE IS CORRECT AND ACCURATE. HIS REVIEW WAS BASED ON THE PROJECT BOUNDARY LINE AND THE PROJECT BOUNDARY LINE. HIS REVIEW WAS BASED ON THE PROJECT BOUNDARY LINE AND THE PROJECT BOUNDARY LINE. HIS REVIEW WAS BASED ON THE PROJECT BOUNDARY LINE AND THE PROJECT BOUNDARY LINE.

DATE: FEBRUARY 2009

From - To	Bearing	Distance
0-1	S 34°00' E	180'
1-2	S 25°00' W	240'
2-3	S 88°00' W	235'
3-4	S 14°00' E	480'
4-5	S 85°00' E	300'
5-6	N 09°00' E	200'
6-7	N 78°30' E	50'
7-8	N 78°30' E	760'
8-9	N 13°15' W	215'
9-10	N 54°00' W	488'
11-12	N 89°00' E	8.52'
12-13	N 89°00' E	487'
14-15	S 21°52' E	284'
15-16	N 28°00' E	278'
17-18	S 43°30' W	100'
18-19	S 74°15' W	454'
19-20	N 21°20' W	467'
20-21	S 78°45' E	180'
21-22	N 03°26' E	281'
22-23	N 45°00' E	200'
24-25	N 08°00' W	356'
25-26	S 81°45' W	231'
26-27	S 40°00' W	417'
28-29	N 25°00' W	313'
29-30	S 81°45' W	850'
30-31	S 22°30' E	175'



**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L., M.A.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPERTY OWNED IN FEE BY S.C.E. & G. - PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-11**

DETAIL MAP OF PROJECT AREA  
SHEET 11 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

G-12

**LAKE MURRAY**

G-17

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 80°33' W	88'
1-2	S 11°27' W	1182'
2-3	N 75°31' W	148'
3-4	N 63°30' W	215'
4-5	S 83°52' W	390'
5-6	N 32°08' W	330'
6-7	N 22°52' E	530'
7-8	N 32°52' E	70'
8-9	N 11°18' W	260'
9-10	N 29°12' E	150'
10-11	N 23°12' E	290'
11-12	N 32°52' E	250'
12-13	N 37°20' W	580'
13-14	N 26°45' E	588'
14-15	N 76°18' W	471'
15-16	S 35°12' W	752'
16-17	S 79°02' W	305'
17-18	N 56°43' W	140'
18-19	S 85°17' W	280'
19-20	S 30°20' W	273'
20-21	N 73°28' W	115'
21-22	N 39°28' E	195'
22-23	N 13°05' W	205'
23-24	N 26°55' W	195'
24-25	N 89°25' W	335'
25-26	S 46°40' W	1002'
26-27	N 40°20' W	140'
27-28	N 36°10' E	272'
28-29	N 03°40' W	245'
29-30	N 16°55' W	590'
30-31	S 76°50' E	344'
31-32	N 90°0' E	637'
32-33	N 41°50' E	760'
33-34	S 89°57' E	100'
34-35	N 25°34' E	165'
35-36	N 81°26' W	92'
36-37	S 88°20' W	627'
37-38	N 57°38' W	756'
38-39	S 74°30' W	148'
39-40	N 25°58' E	110'
40-41	N 57°00' E	900'
41-42	N 04°01' W	480'
42-43	S 77°59' W	426'
43-44	N 30°01' W	741'
44-45	S 19°52' W	120'
45-46	S 84°58' W	340'
46-47	S 13°11' E	314'
47-48	S 38°33' W	284'
48-49	N 54°29' W	287'
49-50	S 23°27' W	207'
50-51	S 22°38' E	497'
51-52	S 50°19' W	325'
52-53	N 38°28' W	544'
53-54	S 16°46' W	99'
54-55	S 66°44' W	297'
55-56	N 67°58' W	369'
56-57	N 67°58' W	70'
57-58	N 67°58' W	167'
58-59	N 05°50' E	138'
59-60	N 66°20' W	140'
60-61	N 81°12' W	194'
61-62	N 02°05' W	110'
62-63	N 06°00' E	110'
63-64	N 43°00' W	165'
64-65	N 08°00' W	550'
65-66	N 08°00' W	310'
66-67	N 59°45' E	338'
67-68	S 12°00' E	580'
68-69	S 28°00' E	775'
69-70	N 63°30' E	660'
70-71	N 01°30' W	240'
71-72	N 51°00' E	310'
72-73	S 42°30' E	280'
73-74	N 57°00' E	360'
74-75	N 07°00' E	310'
75-76	S 57°30' E	680'
76-77	N 62°30' E	160'
77-78	N 08°00' E	1100'
78-79	S 44°30' E	250'
79-80	S 44°37' E	1259'
80-81	N 00°30' E	641'
81-82	N 76°30' E	243'
82-83	N 66°00' E	1015'
83-84	N 40°00' E	1015'
84-85	N 40°00' E	387'
85-86	N 85°30' W	1362'
86-87	N 08°00' W	224'
87-88	N 42°30' W	650'
88-89	N 82°00' W	530'
89-90	N 22°30' W	195'
90-91	N 81°45' E	850'
91-92	S 25°00' E	413'
92-93	N 40°00' E	535'
93-94	N 81°45' E	231'
94-95	S 08°00' E	470'
95-96	S 24°00' E	760'
96-97	S 45°00' E	780'
97-98	N 08°40' E	750'

From - To	Bearing	Distance
98-99	S 58°00' E	272'
100-101	N 58°10' W	441'
101-102	N 11°00' E	150'
102-103	N 05°30' W	280'
103-104	N 54°30' W	100'
104-105	N 48°00' E	210'
105-106	S 69°00' E	321'
107-108	N 55°00' W	32'
108-109	N 40°00' E	40'
110-111	N 24°19' W	28'
111-112	S 88°30' W	629'
112-113	N 70°00' E	107'

G-17

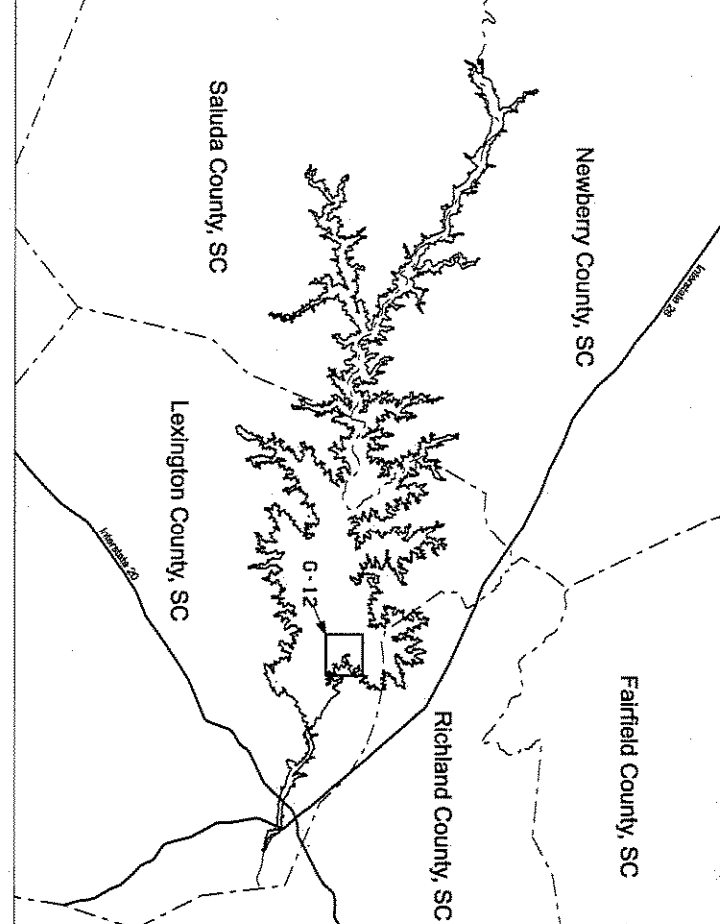
G-16



G-11

G-13

KEY MAP



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ▭ PROPERTY RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- ▭ ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- ▭ PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON VANOVER (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 (AND 81'), THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE VANOVER DATUM. THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE VANOVER DATUM. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND IMPROVED BY OVERS, INC.  
 SURVEILLANCE PROCESS IN ACCORDANCE WITH NATIONAL SURVEILLANCE PROCEDURES. SURVEILLANCE WAS FOUND AT SCALE APPROXIMATELY 1 INCH = 50 FEET.

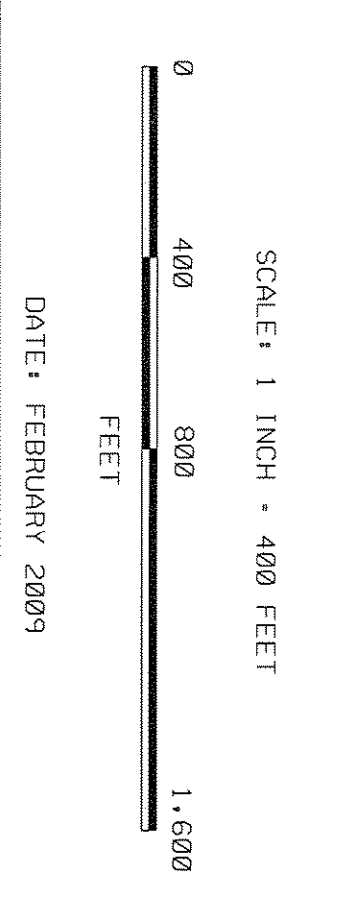
I, GERRARD STANLEY, A PROFESSIONAL SURVEYOR, HAVE CONDUCTED A SURVEY OF THE PROJECT BOUNDARY SHOWN HEREIN. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1968, AS AMENDED. THE PROJECT BOUNDARY SHOWN HEREIN IS DEFINED BASED ON THE VANOVER DATUM. THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE VANOVER DATUM. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND IMPROVED BY OVERS, INC.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GERRARD STANLEY, A PROFESSIONAL SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13163. HAVE REVIEWED THIS PORTION OF THE LATE SURVEY PROJECT BOUNDARY SHOWN HEREIN. THE LICENSED PROFESSIONAL ENGINEER HAS REVIEWED THE PROJECT BOUNDARY SHOWN HEREIN. THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE VANOVER DATUM. THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE VANOVER DATUM. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND IMPROVED BY OVERS, INC.

SC PLS 13163  
 GARY D. LEVON  
 GARY D. LEVON  
 GARY D. LEVON

EXHIBIT G SHEET G-12

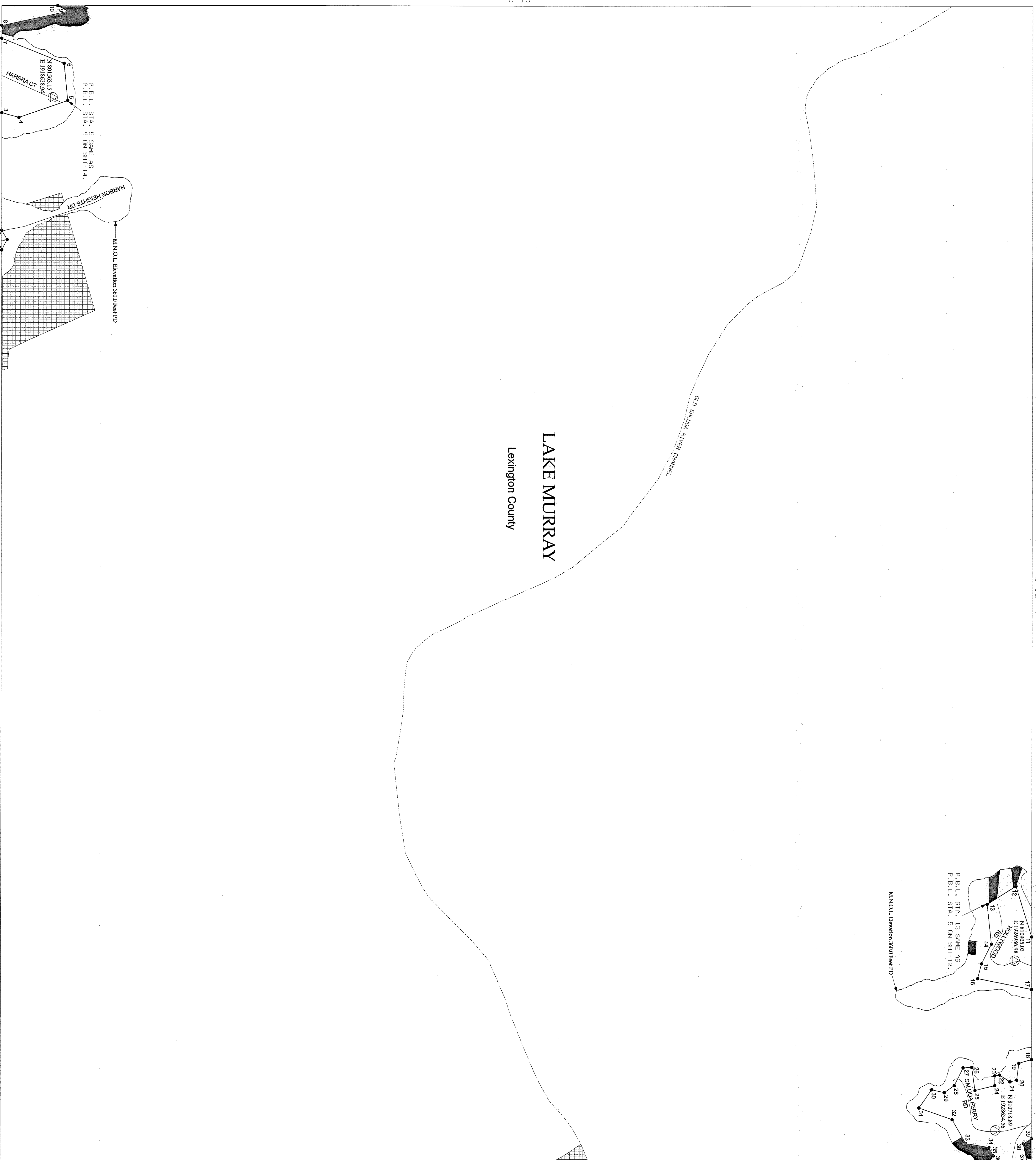
DETAIL MAP OF PROJECT AREA  
 SHEET 12 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY



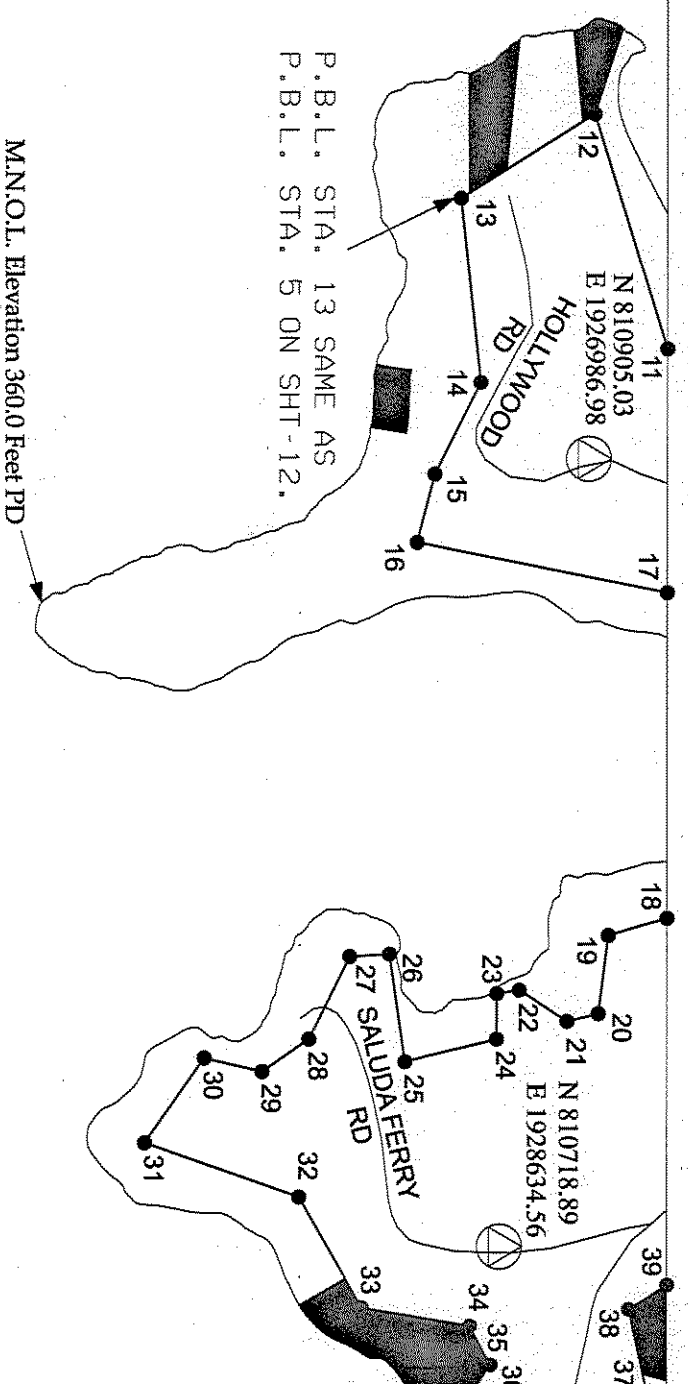
**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 62°30' W	114
1-2	S 59°45' W	105
3-4	N 15°30' E	173
4-5	N 19°00' W	500
5-6	S 84°30' W	362
6-7	S 21°45' W	651
8-9	N 12°00' W	655
9-10	S 29°30' W	113
11-12	S 72°52' W	517
12-13	S 32°08' E	330
13-14	N 83°52' E	390
14-15	S 63°30' E	215
15-16	S 75°31' E	148
16-17	N 11°27' E	534
18-19	S 16°10' E	128
19-20	S 82°45' E	165
20-21	S 13°45' E	67
21-22	S 33°15' W	120
22-23	S 08°45' E	47
23-24	S 89°30' E	96
24-25	S 13°45' E	197
25-26	S 81°50' W	228
26-27	S 03°20' E	83
27-28	S 63°45' E	193
28-29	S 34°50' E	119
29-30	S 13°10' W	124
30-31	S 55°00' E	217
31-32	N 19°25' E	342
32-33	N 60°18' E	264
33-34	N 09°59' E	290
34-35	N 62°17' E	75
35-36	S 56°00' E	93
37-38	S 77°42' W	183
38-39	N 32°23' W	95

G-16

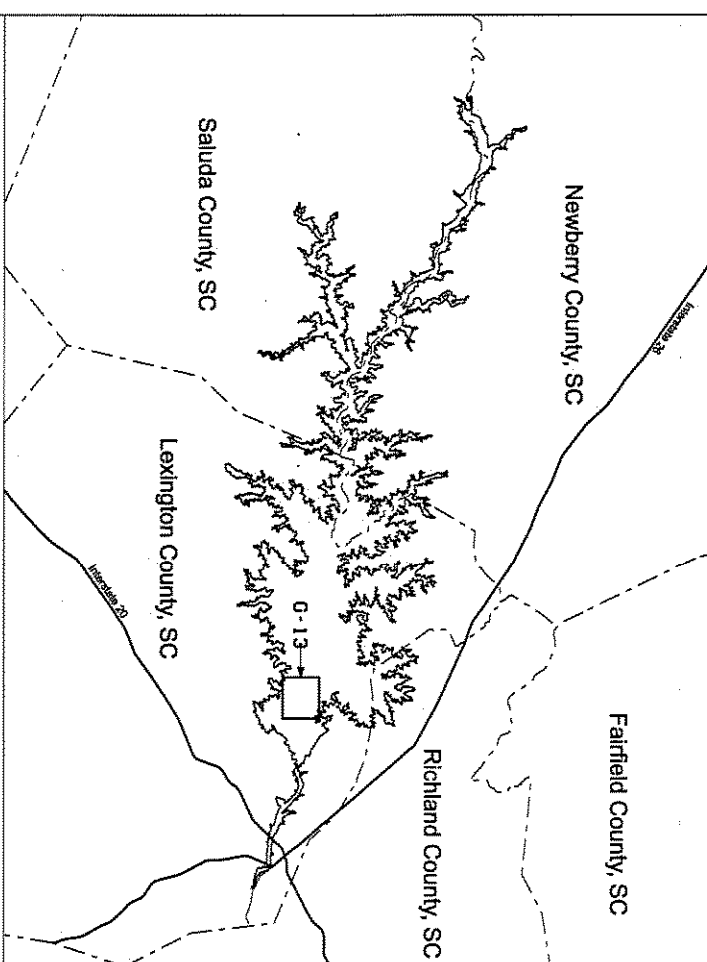


G-12



G-14

**KEY MAP**



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EMINENT RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. and RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. and P.B.L.L.
- EMINENT RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2801 INTERNATIONAL FOOT.

VERTICAL DATUM BASED ON NAVD83 FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 AND PD 15', THE PROJECT BOUNDARY HEREIN IS BEING BASED ON THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYSING RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND MARKED BY CORNERS, INC.

STEREODUPLICATION PROCESS IN ACCORDANCE WITH NATIONAL ANTI-CORRECTION ACT. SCALE APPROXIMATELY 1 INCH = 400 FEET.

I, GERRARD SINKLER, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE EMINENT RIGHTS ARE SHOWN ON THIS MAP AS A RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYSING RECORD UNLESS OTHERWISE NOTED. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTROLLED WERE BASED ON S.C.E. & G. SURVEYS AND ARE SHOWN ON THIS MAP AS A RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYSING RECORD UNLESS OTHERWISE NOTED.

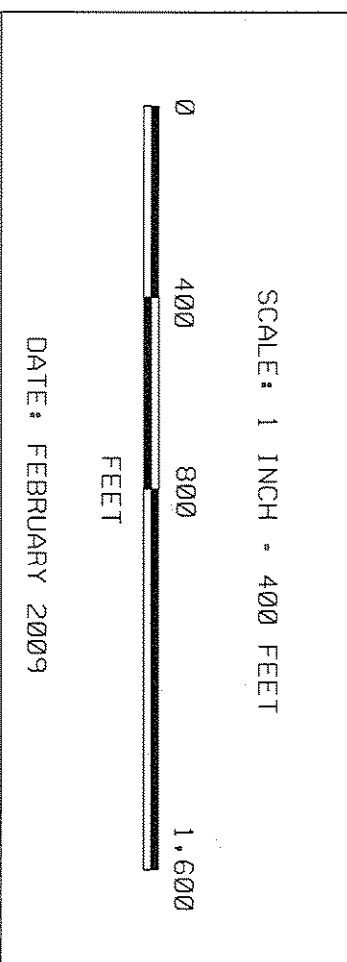
THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GERRARD SINKLER, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA, ON FEBRUARY 28, 2009. THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE EMINENT RIGHTS ARE SHOWN ON THIS MAP AS A RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYSING RECORD UNLESS OTHERWISE NOTED. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTROLLED WERE BASED ON S.C.E. & G. SURVEYS AND ARE SHOWN ON THIS MAP AS A RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYSING RECORD UNLESS OTHERWISE NOTED.

*Gary Eaton*  
S.C. PLS 13163

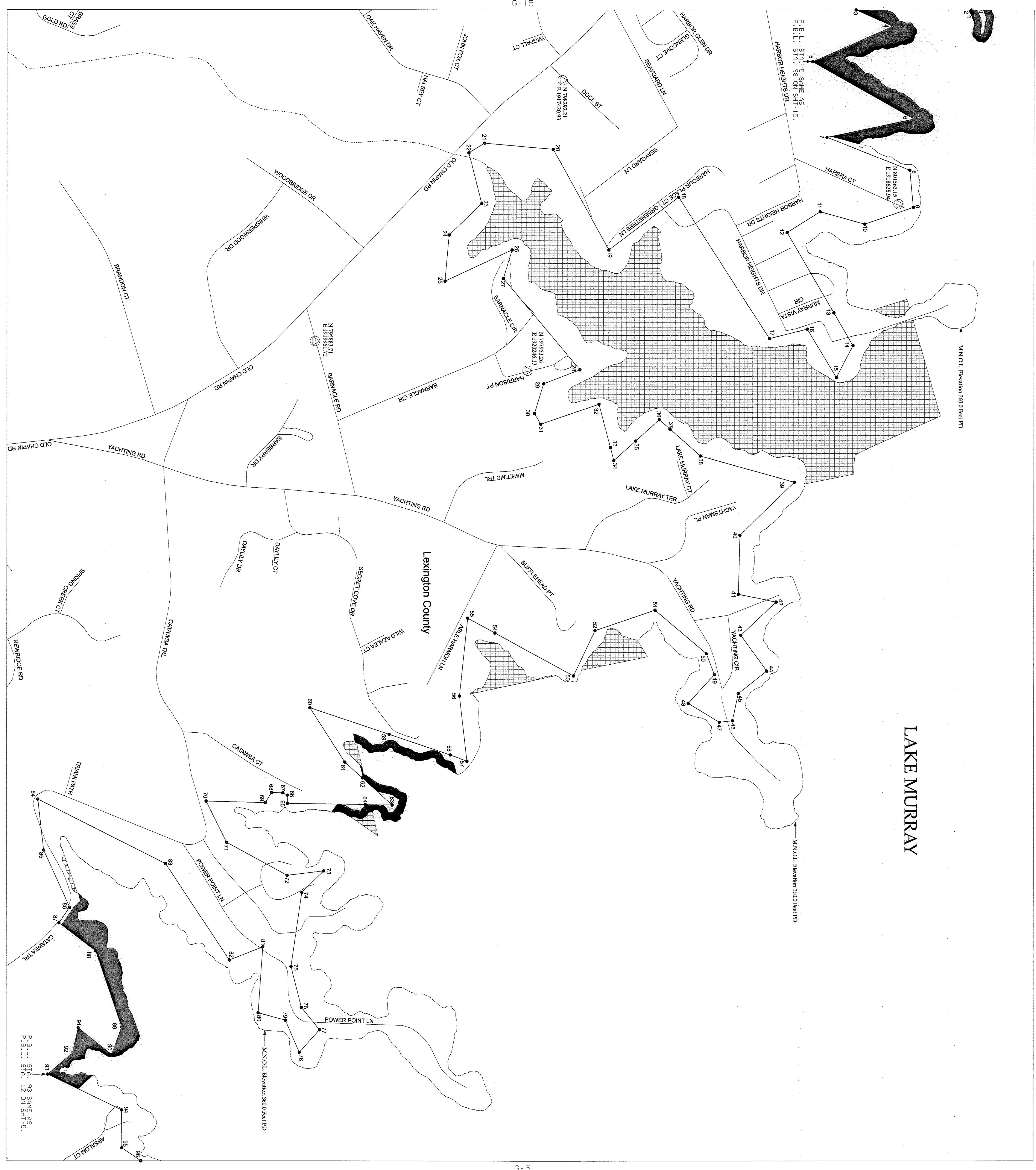
EXHIBIT G - SHEET G-13

DETAIL MAP OF PROJECT AREA  
SHEET 13 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY



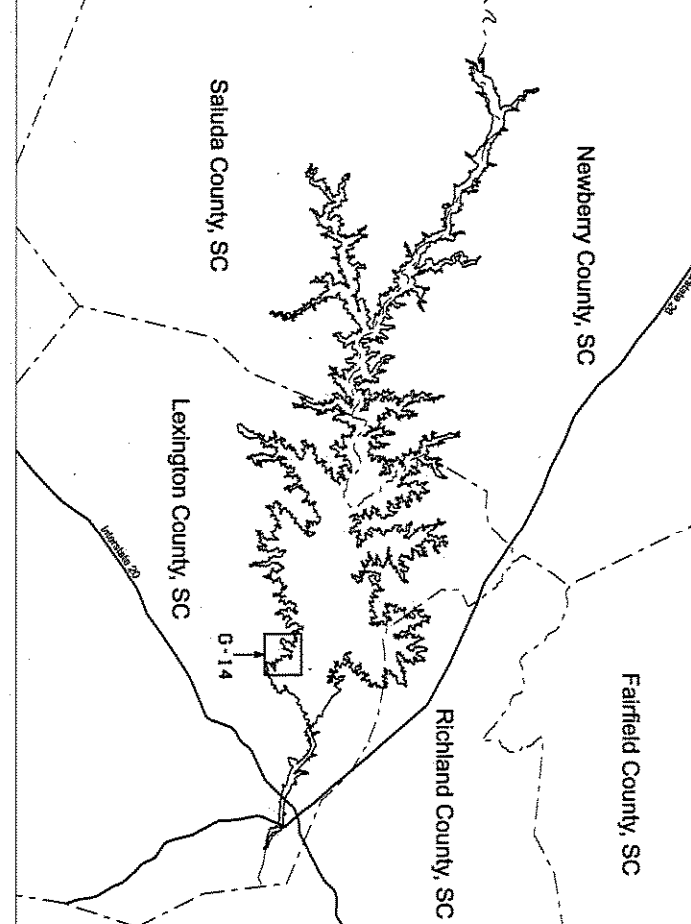
Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 67°28' E	28'
1-2	S 58°00' W	30'
2-3	N 24°00' E	390'
3-4	S 23°31' E	851'
4-5	N 29°30' E	1130'
5-6	S 12°00' E	861'
6-7	N 21°45' E	868'
7-8	S 19°00' E	500'
8-9	N 84°30' E	362'
9-10	S 15°30' W	450'
10-11	S 32°00' E	380'
11-12	N 59°45' E	905'
12-13	N 59°45' E	370'
13-14	S 62°30' E	350'
14-15	S 59°00' W	550'
15-16	S 14°00' E	380'
16-17	S 57°15' W	1636'
17-18	S 37°00' E	850'
18-19	S 61°00' W	1120'
19-20	S 05°00' W	670'
20-21	S 31°30' E	180'
21-22	N 75°45' E	510'
22-23	S 44°00' E	440'
23-24	S 85°00' E	450'
24-25	N 25°00' W	720'
25-26	S 73°00' E	290'
26-27	N 50°00' E	1160'
27-28	S 73°00' E	379'
28-29	S 73°00' E	301'
29-30	S 79°00' E	120'
30-31	N 60°00' E	600'
31-32	N 18°45' W	600'
32-33	N 75°15' E	435'
33-34	N 75°15' E	131'
34-35	N 41°45' W	285'
35-36	N 42°00' W	310'
36-37	N 41°30' E	138'
37-38	N 41°30' E	386'
38-39	N 15°40' E	950'
39-40	N 15°40' E	738'
40-41	S 88°31' E	575'
41-42	N 11°50' E	375'
42-43	S 43°10' E	470'
43-44	N 54°00' E	430'
44-45	S 38°15' E	353'
45-46	S 78°00' E	270'
46-47	S 08°30' E	129'
47-48	S 31°18' W	335'
48-49	N 47°30' W	378'
49-50	S 68°50' W	218'
50-51	S 40°15' W	655'
51-52	S 18°45' E	617'
52-53	S 64°30' E	486'
53-54	S 28°30' W	870'
54-55	S 28°30' W	302'
55-56	S 84°00' E	760'
56-57	N 83°25' E	640'
57-58	S 20°25' W	173'
58-59	S 18°31' W	628'
59-60	S 18°30' W	815'
60-61	N 57°15' E	630'
61-62	N 41°59' E	230'
62-63	N 42°00' E	280'
63-64	S 00°45' W	300'
64-65	S 00°45' W	760'
65-66	S 89°47' W	50'
66-67	S 28°00' W	80'
67-68	S 01°00' W	110'
68-69	S 58°15' E	115'
69-70	S 01°30' W	578'
70-71	N 63°30' E	449'
71-72	N 28°40' E	672'
72-73	N 07°00' W	380'
73-74	S 44°30' E	300'
74-75	S 81°47' E	729'
75-76	N 75°45' E	411'
76-77	N 50°45' E	280'
77-78	S 48°10' E	295'
78-79	S 66°30' W	340'
79-80	S 15°01' W	275'
80-81	N 88°05' W	644'
81-82	S 21°30' E	350'
82-83	S 56°30' W	1128'
83-84	S 26°50' W	1394'
84-85	N 83°30' E	500'
85-86	N 65°30' E	612'
86-87	S 55°00' E	186'
87-88	N 37°19' E	450'
88-89	N 71°00' E	780'
89-90	S 70°07' E	266'
90-91	S 35°37' W	417'
91-92	S 77°00' E	250'
92-93	S 41°00' E	799'
93-94	N 25°45' E	319'
94-95	N 89°30' E	370'
95-96	N 34°15' E	224'



G-13

KEY MAP



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOODED AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOODED AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 INTERNATIONAL FOOT.

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLANT DATUM (P.D.) TO NAVD 83 AND 81.5', THE PROJECT BOUNDARY HEREIN IS BEING DERIVED FROM THE PROPOSED FUTURE RECREATION AREAS. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY ORBS. THE STEREOCOMPARISON PROCESS IN ACCORDANCE WITH NATIONAL STANDARD PHOTOGRAMMETRY WAS FOLLOWED AT A SCALE OF APPROXIMATELY 1 INCH = 500 FEET.

1. GERRARD SENNELUK, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS DRAWING AND CERTIFIES THAT THE INFORMATION AND CONTINUES SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION CONFORMANCE PROGRAM. SENNELUK IS A LICENSED PROFESSIONAL SURVEYOR AND HIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THIS DRAWING. HE DOES NOT GUARANTEE THE ACCURACY OF THE DATA OR THE RESULTS THEREOF. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTROLLED ARE BASED ON S.C.E. & G. SURVEYS AND THE PROJECT BOUNDARY LINES THAT ARE CONTROLLED ARE BASED ON RECORDS.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY SENNELUK, GERRARD SENNELUK & COMPANY, INC. IN 2009. THIS DOCUMENT IS A REVISION OF THE ORIGINAL DOCUMENT. THIS REVISION SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.

1. GARY EDWIN, A PROFESSIONAL LAND SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13150, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE INFORMATION AND CONTINUES SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION CONFORMANCE PROGRAM. EDWIN IS A LICENSED PROFESSIONAL SURVEYOR AND HIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THIS DRAWING. HE DOES NOT GUARANTEE THE ACCURACY OF THE DATA OR THE RESULTS THEREOF. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTROLLED ARE BASED ON S.C.E. & G. SURVEYS AND THE PROJECT BOUNDARY LINES THAT ARE CONTROLLED ARE BASED ON RECORDS.

S.C.E. FILE# 15105

EXHIBIT G SHEET G-14

DETAIL MAP OF PROJECT AREA  
SHEET 14 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

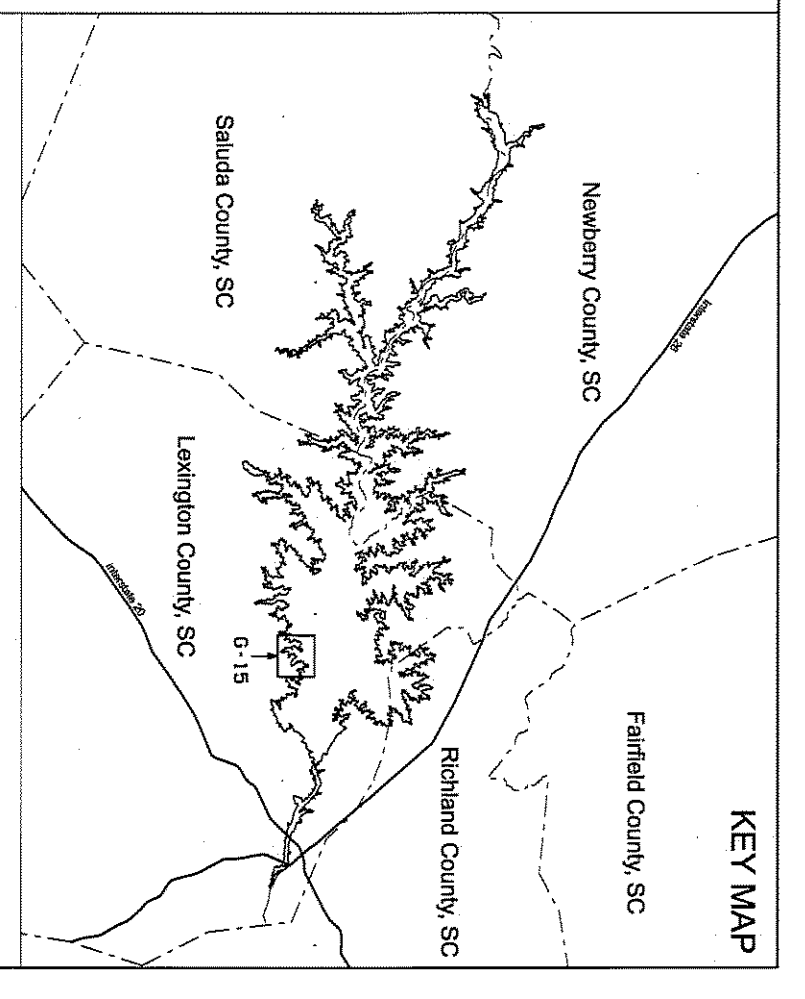


From - To	Bearing	Distance
98-99	N 29°30' E	1130'
99-100	S 12°00' E	861'
100-101	N 21°45' E	271'
102-103	S 05°00' W	512'
103-104	S 31°30' E	86'

# LAKE MURRAY



From - To	Bearing	Distance
0-1	S 41°00' E	328'
1-2	N 37°00' E	310'
2-3	N 80°00' E	40'
3-4	S 51°30' E	810'
4-5	N 54°00' E	160'
5-6	N 16°51' W	809'
6-7	N 42°15' W	286'
7-8	N 19°00' E	443'
8-9	S 71°30' E	600'
9-10	N 69°30' E	500'
10-11	N 02°00' E	240'
11-12	N 58°00' W	480'
12-13	N 48°00' E	270'
13-14	N 78°00' W	160'
14-15	N 27°30' W	360'
15-16	S 90°00' W	440'
16-17	N 08°00' W	590'
17-18	N 08°00' E	750'
18-19	N 01°46' W	389'
19-20	N 39°30' W	280'
20-21	N 65°00' E	380'
21-22	N 32°15' W	390'
22-23	N 78°45' E	480'
23-24	N 23°00' E	220'
24-25	S 51°14' E	370'
25-26	S 78°00' E	350'
26-27	S 28°15' E	440'
27-28	N 36°00' E	530'
28-29	N 71°45' E	330'
29-30	N 32°00' E	240'
30-31	N 02°00' W	180'
31-32	N 56°30' E	280'
32-33	S 51°30' E	600'
33-34	S 09°00' W	310'
34-35	S 67°45' W	630'
35-36	S 15°45' W	240'
36-37	S 41°00' E	146'
37-38	S 53°00' W	474'
38-39	S 10°41' W	403'
39-40	N 84°30' W	360'
40-41	N 36°30' W	390'
41-42	S 17°00' E	810'
42-43	N 75°30' E	850'
43-44	S 38°00' W	800'
44-45	S 12°15' E	1019'
45-46	S 60°00' W	398'
46-47	S 39°00' E	220'
47-48	S 82°00' E	212'
48-49	N 60°00' E	228'
49-50	S 10°00' E	865'
50-51	N 12°45' E	230'
51-52	S 71°00' E	355'
52-53	S 02°00' E	400'
53-54	S 89°00' W	60'
54-55	S 08°00' E	170'
55-56	N 90°00' E	290'
56-57	N 11°00' E	170'
57-58	S 89°00' W	80'
58-59	N 19°45' E	525'
59-60	N 32°15' W	355'
60-61	N 12°20' W	578'
61-62	N 07°00' E	760'
62-63	S 85°10' E	1640'
63-64	N 38°30' W	460'
64-65	N 66°00' W	754'
65-66	N 14°45' W	451'
66-67	N 03°30' E	530'
67-68	S 62°30' E	570'
68-69	N 02°00' W	300'
69-70	N 31°00' W	270'
70-71	N 69°00' E	650'
71-72	S 18°15' E	465'
72-73	S 38°30' E	700'
73-74	S 38°30' E	620'
74-75	S 85°30' E	1220'
75-76	N 26°50' W	1330'
76-77	S 50°00' W	320'
77-78	N 40°00' W	380'
78-79	N 46°45' E	298'
79-80	N 58°00' W	750'
80-81	N 79°00' E	490'
81-82	N 14°00' W	245'
82-83	N 46°30' W	695'
83-84	S 81°15' E	400'
84-85	N 04°00' E	735'
85-86	N 86°30' E	725'
86-87	N 02°30' W	750'
87-88	N 05°20' W	394'
88-89	N 89°35' E	715'
89-90	N 88°00' E	99'
90-91	S 05°40' W	1517'
91-92	N 74°15' E	256'
92-93	N 67°28' E	1272'
93-94	S 58°00' W	660'
94-95	S 22°32' W	995'
95-96	S 31°30' E	950'
96-97	N 24°00' E	1420'
97-98	S 23°51' E	851'



### LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND WATERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MANDOB FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.), TO CONVERT FROM S.C.E. & G. PLANT DATUM (P.D.) TO NAVD 83 ON S.C.E. & G. SHEETS AND RECORDED SURVEYS AND DEEDS BE RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY 69855. THE...

STIPPLED INDICATION AREAS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS.

1. STATIONING: A PROGRESSIVE, SINGLE CORNER AND PHOTOGRAPHIC SURVEYING METHOD REQUIRED FOR THE LAND RECOVERY PROJECT MAPS. THE PLANNING AND CONSTRUCTION SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE RECOVERY PROJECT MAPS ARE PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYING, ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD 83.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13153, HAVE REVIEWED THIS PORTION OF THE LAND RECOVERY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW OF THE LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS, AND THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS ARE BASED ON S.C.E. & G. SHEETS AND DEEDS.

S.C. P.L.S. 13103

### EXHIBIT G SHEET G-15

DETAIL MAP OF PROJECT AREA  
SHEET 15 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

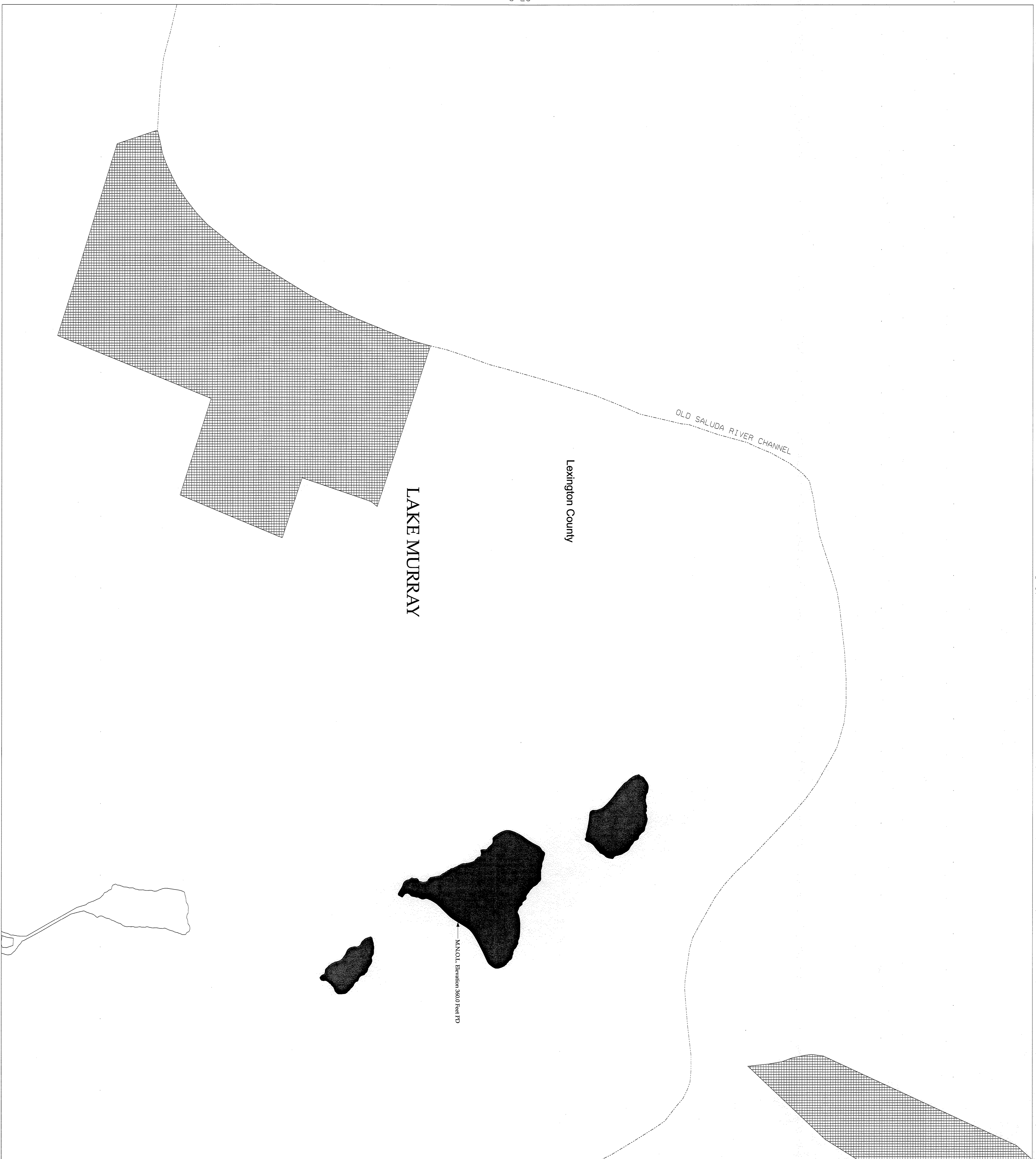


Project Boundary Line

Traverse

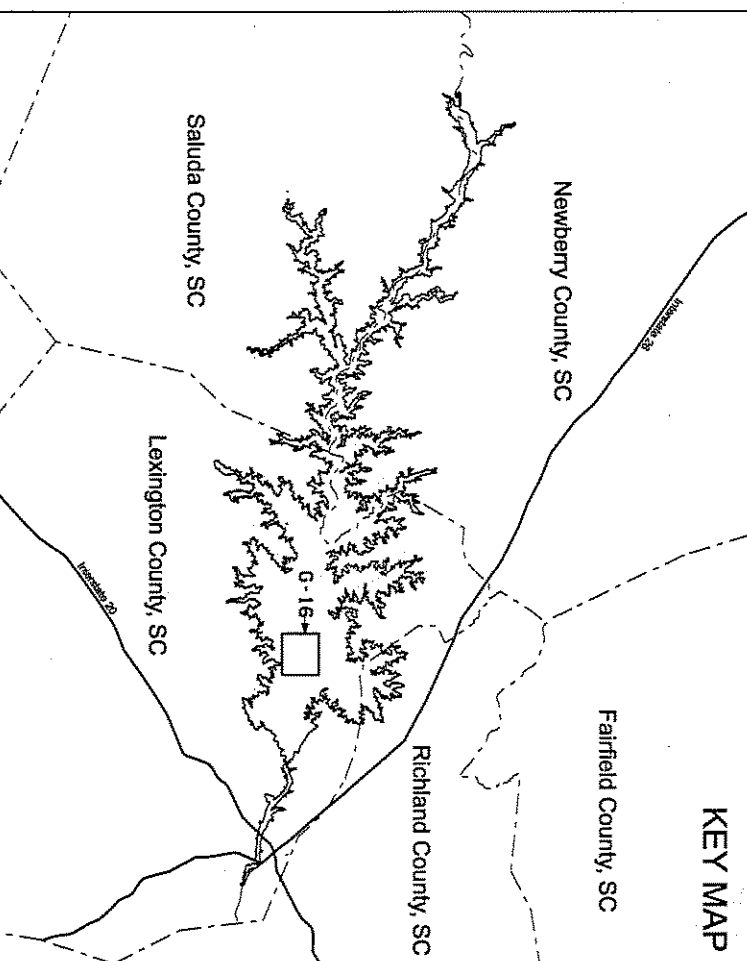
From - To Bearing Distance

G-17



G-23

G-15



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.O.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).

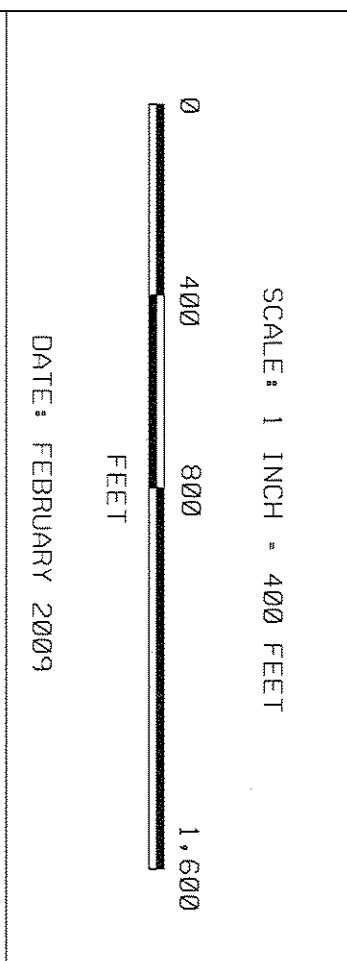
ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 (NAD83), ADD 1.17 FEET TO ALL ELEVATIONS. TO CONVERT FROM S.C.E. & G. SURVEYS AND RECORDS SURVEYS AND RECORDS TO PLANT DATUM (P.D.), ADD 1.17 FEET TO ALL ELEVATIONS. ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM SYSTEM (INTERNATIONAL FOOT).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY REGISTERED PROFESSIONAL ENGINEER GARY FAYON, P.E., IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP ARE BASED ON S.C.E. & G. SURVEYS AND RECORDS. THE ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY.

*Gary Fayon*  
 P.E. No. 13163  
 S.C. P.L.S. 13163

EXHIBIT G SHEET G-16

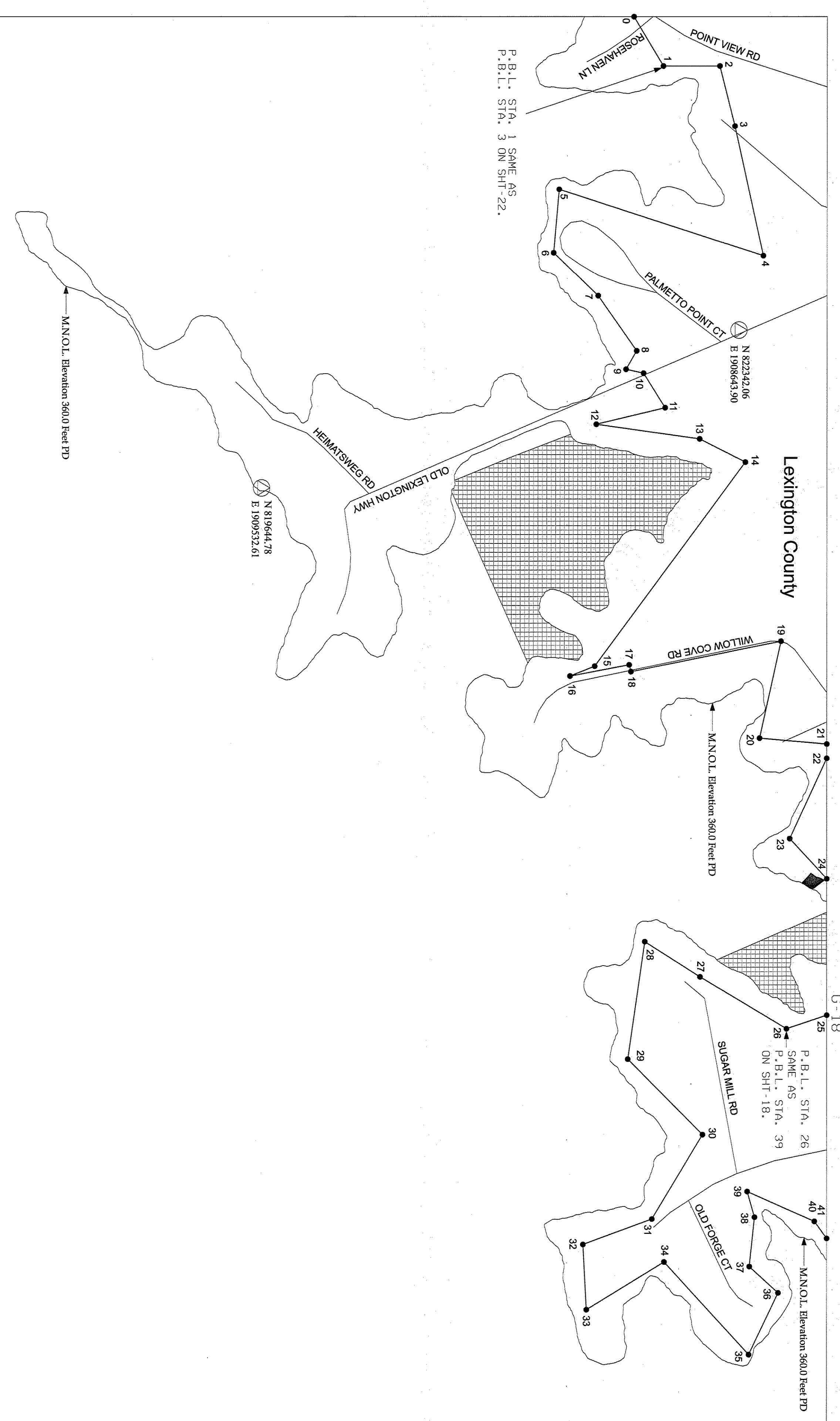
DETAIL MAP OF PROJECT AREA  
 SHEET 16 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY



**Project Boundary Line Traverse**

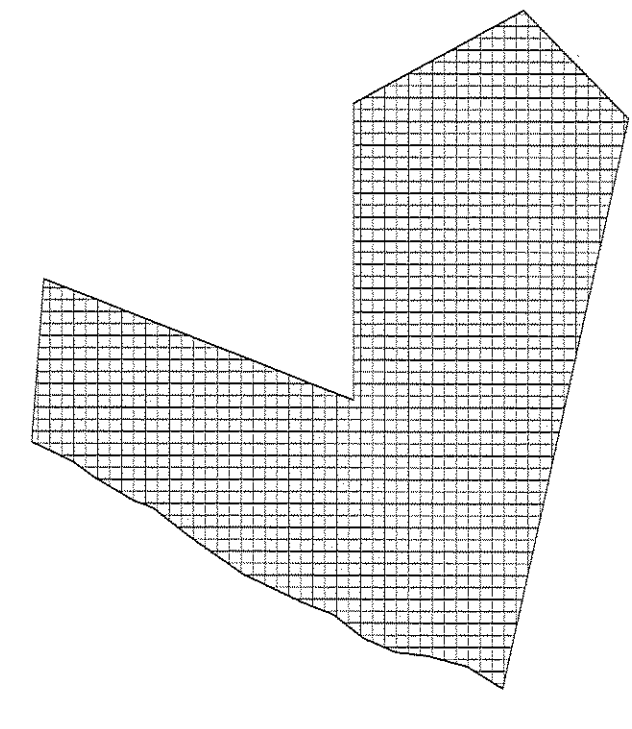
From - To	Bearing	Distance
0-1	N 59°00' E	324'
1-2	N 00°00' E	319'
2-3	N 75°55' E	351'
3-4	N 77°37' E	750'
4-5	S 18°00' W	1213'
5-6	S 85°00' E	360'
6-7	N 44°00' E	350'
7-8	N 55°00' E	380'
8-9	S 60°00' E	120'
9-10	N 12°31' E	102'
10-11	N 58°00' E	230'
11-12	S 13°30' E	400'
12-13	N 08°00' E	590'
13-14	N 27°00' E	290'
14-15	S 53°30' E	1430'
15-16	S 21°45' E	150'
16-17	N 10°45' W	340'
17-18	N 75°30' E	40'
18-19	N 11°20' W	865'
19-20	S 77°30' E	559'
20-21	N 05°00' E	381'
22-23	S 65°15' E	500'
23-24	N 47°30' E	310'
25-26	S 18°30' E	240'
26-27	S 31°00' W	570'
27-28	S 32°30' W	370'
28-29	S 81°45' E	670'
29-30	N 45°15' E	600'
30-31	S 59°00' E	555'
31-32	S 20°15' E	415'
32-33	N 87°00' E	365'
33-34	N 31°29' W	515'
34-35	N 47°32' E	709'
35-36	N 64°30' W	385'
36-37	S 42°30' W	220'
37-38	N 84°00' W	280'
38-39	S 74°00' W	150'
39-40	N 24°00' E	415'
40-41	N 34°00' E	119'

G-22

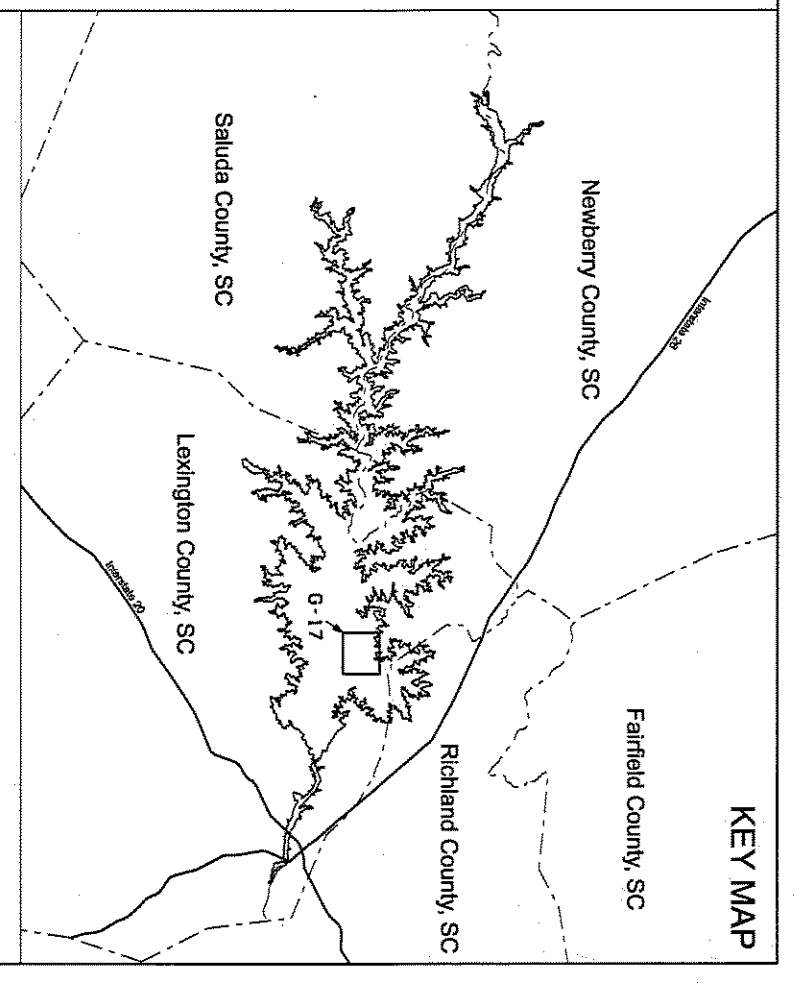


G-18

# LAKE MURRAY



G-16



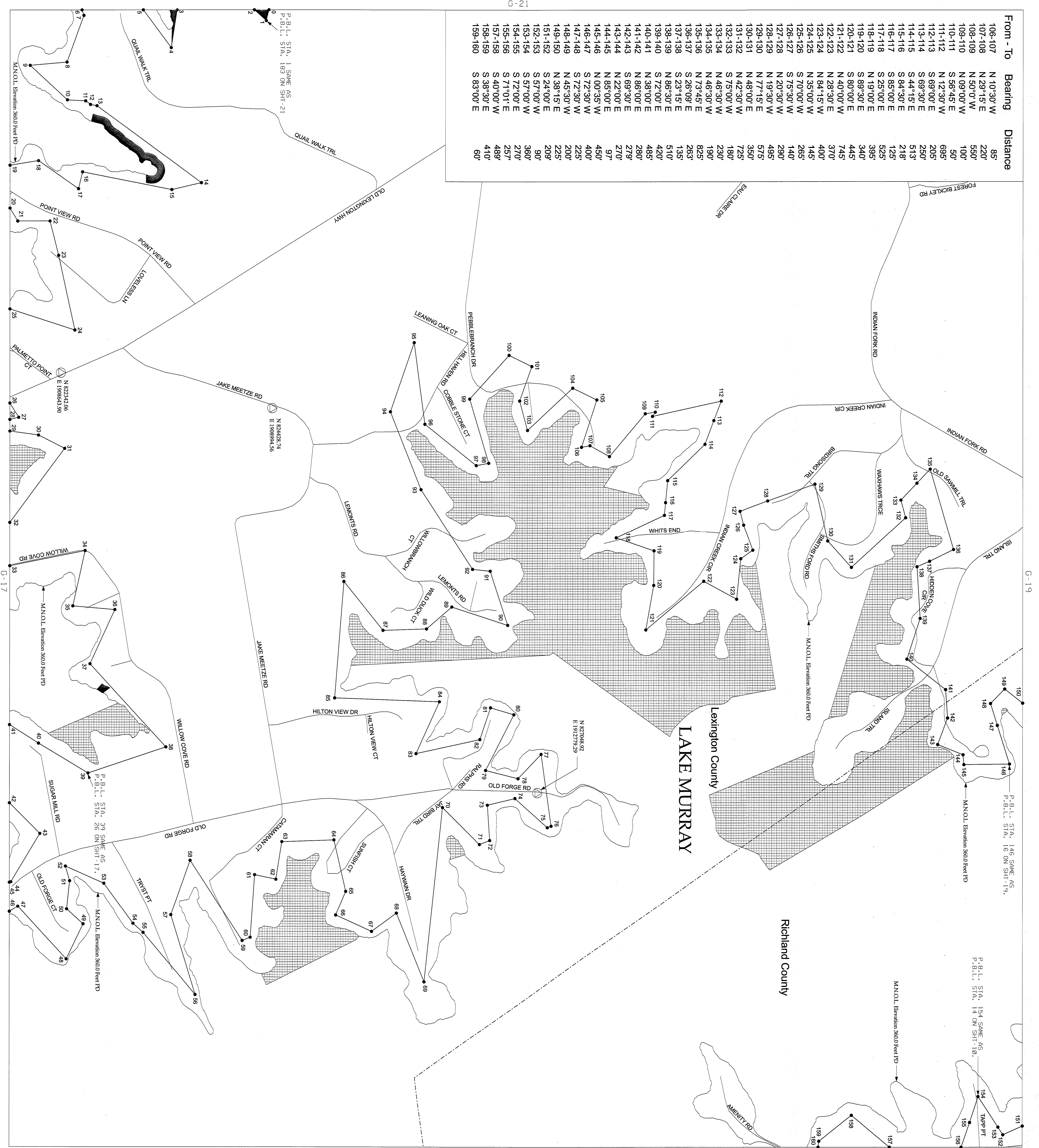
- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. AND BETWEEN P.B.L. AND INTERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 (FEET), ADD 1.15 FEET TO ALL ELEVATIONS.  
 ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY 010153-110-0.  
 STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR DIGITAL PHOTOGRAMMETRY AND FROM AN APPROXIMATELY 1 INCH = 500 FEET SCALE.  
 1. SURVEY STATION: A PROFESSIONAL SURVEYOR HAS PHOTOGRAPHED THE PROJECT BOUNDARY AND CONTROL POINTS ON SOLID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SOLID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SOLID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SOLID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS.  
 1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEYOR HAS REVIEWED THE SURVEY RECORDS AND DEEDS OF RECORD AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE SURVEY RECORDS AND DEEDS OF RECORD ARE BASED ON S.C.E. & G. SURVEYS AND DEEDS OF RECORD.  
 S.C. P.L.S.13163  
 Gary Eaton

EXHIBIT G SHEET G-17  
 DETAIL MAP OF PROJECT AREA  
 SHEET 17 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 400 FEET  
 DATE: FEBRUARY 2009

Project Boundary Line Traverse

Table with 4 columns: From - To, Bearing, Distance, and a second set of From - To, Bearing, Distance. The first set covers points 0-1 to 105-106, and the second set covers points 106-107 to 159-160.



Key Map, Legend, and Exhibits. The Key Map shows the project location in South Carolina. The Legend defines symbols for roads, project boundaries, and property ownership. Exhibits include a title block for 'SALUDA HYDROELECTRIC PROJECT NO. 516' and a detailed 'DETAIL MAP OF PROJECT AREA' with a scale of 1 inch = 400 feet.

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 48°00' E	17'
1-2	N 42°30' W	725'
2-3	S 75°00' W	180'
3-4	N 46°30' W	230'
4-5	N 46°30' W	190'
5-6	N 73°45' E	825'
6-7	S 26°09' E	263'
7-8	S 23°15' E	135'
8-9	N 86°30' E	510'
9-10	S 72°00' E	420'
10-11	N 38°00' E	485'
11-12	N 86°00' E	280'
12-13	S 69°30' E	279'
13-14	N 22°00' E	97'
14-15	N 85°00' E	450'
15-16	N 00°35' W	400'
16-17	S 72°30' W	225'
17-18	N 45°30' W	200'
18-19	N 38°15' E	250'
19-20	N 38°15' E	100'
20-21	N 63°00' W	207'
21-22	N 62°59' W	250'
22-23	N 25°03' E	125'
23-24	N 68°00' E	192'
24-25	S 82°00' E	614'
25-26	N 16°45' E	290'
26-27	N 45°00' W	490'
27-28	N 89°00' E	470'
28-29	N 02°00' E	290'
29-30	N 36°00' E	350'
30-31	N 76°00' W	450'
31-32	S 43°00' W	850'
32-33	S 44°00' W	321'
33-34	N 81°00' W	424'
34-35	N 22°00' E	466'
35-36	S 79°00' W	297'
36-37	N 38°00' W	480'
37-38	S 52°00' W	400'
38-39	N 41°00' W	250'
39-40	N 45°00' E	620'
40-41	S 75°00' E	704'
41-42	N 58°00' E	1207'
42-43	N 68°00' E	150'
43-44	N 06°00' W	670'
44-45	N 30°00' W	380'
45-46	S 23°00' E	1840'
46-47	N 81°30' W	480'
47-48	N 03°30' E	271'
48-49	N 69°40' E	369'
49-50	N 62°00' W	353'
50-51	N 12°00' W	320'
51-52	N 86°35' E	75'
52-53	N 42°30' E	475'
53-54	N 63°00' W	1125'
54-55	S 35°00' E	730'
55-56	N 58°00' E	510'
56-57	S 11°00' W	110'
57-58	S 19°30' W	680'
58-59	N 37°00' E	820'
59-60	N 67°00' E	336'
60-61	S 60°00' E	336'
61-62	S 62°30' W	450'
62-63	S 05°15' W	380'
63-64	S 04°30' W	200'
64-65	S 04°30' W	240'
65-66	S 31°00' W	600'
66-67	S 72°15' E	410'
67-68	S 37°00' W	150'
68-69	S 58°00' W	255'
69-70	S 46°45' E	220'
70-71	N 83°00' E	530'
71-72	N 81°00' E	200'
72-73	S 07°30' W	660'
73-74	S 04°30' W	184'
74-75	S 31°00' W	708'
75-76	S 72°15' E	474'
76-77	S 37°00' W	276'
77-78	S 58°00' W	410'
78-79	S 46°45' E	1020'
79-80	N 86°30' E	500'
80-81	N 86°30' E	300'
81-82	S 05°45' E	370'
82-83	S 05°45' E	485'
83-84	S 49°30' E	380'
84-85	N 22°00' E	130'
85-86	N 24°02' E	610'
86-87	S 28°30' W	400'
87-88	S 32°00' W	385'



**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EMERGENCY RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EMERGENCY RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-19**

DETAIL MAP OF PROJECT AREA

SHEET 19 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

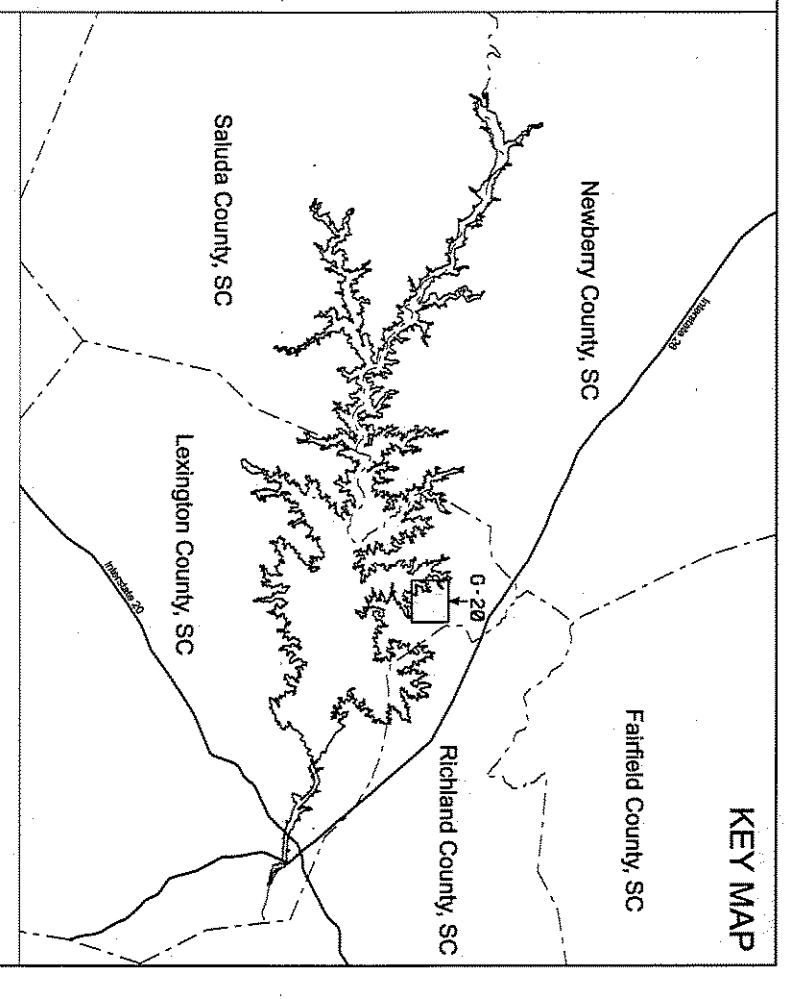
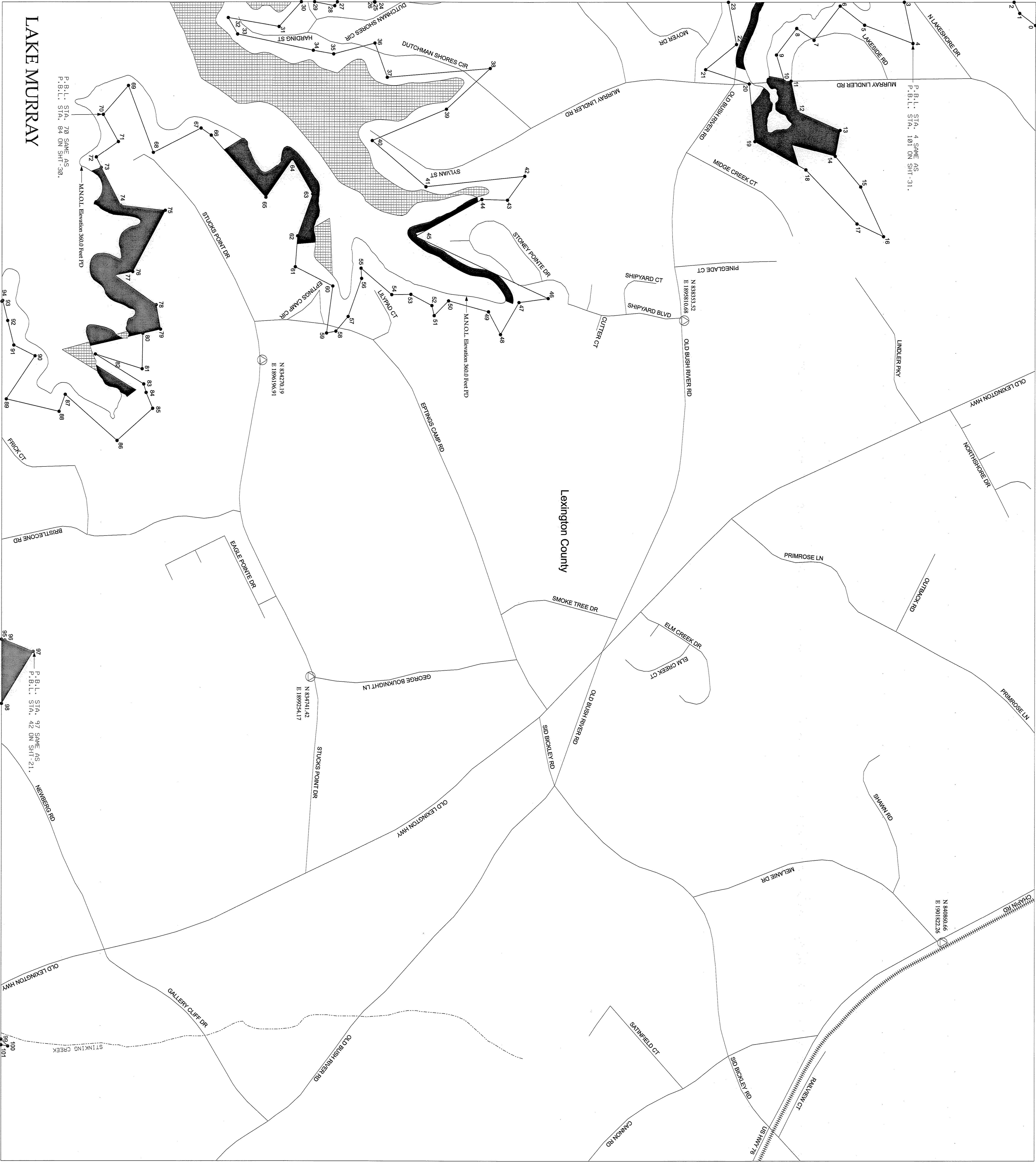
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 37°04' W	194'
1-2	S 63°15' W	121'
3-4	N 78°00' E	406'
4-5	S 20°30' W	500'
5-6	S 38°00' W	300'
6-7	S 52°30' E	415'
7-8	S 34°0' W	203'
8-9	S 52°30' E	321'
9-10	N 73°00' E	265'
10-11	N 01°00' W	65'
11-12	N 77°50' E	300'
12-13	N 23°50' E	450'
13-14	S 79°30' E	255'
14-15	N 50°10' E	385'
15-16	N 65°15' E	530'
16-17	S 25°40' W	285'
17-18	S 46°30' W	720'
18-19	S 29°00' W	565'
19-20	S 84°20' W	560'
20-21	S 18°00' W	445'
21-22	N 39°00' W	385'
22-23	S 79°00' W	414'
23-24	S 70°00' E	3
24-25	S 36°00' E	5
25-26	S 56°00' E	46
27-28	S 11°00' W	199'
28-29	S 48°00' E	321'
30-31	S 10°00' W	500'
31-32	N 60°13' E	183'
32-33	N 12°00' E	750'
33-34	N 10°00' E	200'
34-35	N 14°33' W	413'
35-36	N 70°00' E	350'
36-37	N 05°00' W	1000'
37-38	S 43°00' E	780'
38-39	S 23°00' E	578'
39-40	N 40°30' E	685'
40-41	N 08°10' W	962'
41-42	S 54°10' E	285'
42-43	S 01°31' W	248'
43-44	S 29°10' E	735'
44-45	N 25°00' E	1417'
45-46	S 07°49' E	285'
46-47	S 60°00' E	358'
47-48	S 62°00' W	248'
48-49	S 15°15' W	400'
49-50	S 45°46' E	200'
50-51	S 77°00' W	100'
51-52	S 28°00' W	230'
52-53	S 01°00' E	185'
53-54	S 40°30' W	391'
54-55	N 87°00' W	99'
55-56	S 70°30' E	390'
56-57	S 50°00' E	185'
57-58	N 11°30' E	92'
58-59	N 82°25' W	458'
59-60	S 27°00' W	408'
60-61	N 85°45' W	300'
61-62	N 70°16' W	430'
62-63	S 60°00' W	390'
63-64	S 55°00' E	450'
64-65	S 48°30' W	800'
65-66	S 34°46' W	120'
66-67	S 27°00' E	518'
67-68	S 69°30' W	690'
68-69	S 49°00' E	370'
69-70	N 61°00' E	300'
70-71	S 35°00' E	260'
71-72	N 64°00' E	110'
72-73	N 62°38' E	411'
73-74	N 06°38' E	434'
74-75	S 62°06' E	672'
75-76	S 10°54' E	177'
76-77	N 38°25' E	492'
77-78	N 79°51' E	240'
78-79	S 13°15' E	176'
79-80	S 89°00' E	345'
80-81	S 17°30' W	475'
81-82	N 31°45' E	551'
82-83	N 74°10' E	85'
83-84	N 67°30' E	165'
84-85	S 42°00' E	463'
85-86	S 41°30' W	670'
86-87	S 70°00' E	174'
87-88	S 13°13' W	525'
88-89	N 56°15' W	500'
89-90	S 27°00' W	231'
90-91	S 76°00' W	245'
91-92	S 50°15' E	200'
92-93	N 11°00' E	34'
93-94	N 11°00' E	295'
94-95	N 22°00' E	591'
95-96	S 58°45' E	93'
96-97	N 45°15' E	67'
97-98	S 09°45' W	
98-99		
99-100		
100-101		



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STRAIN
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND INTERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATA BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (PD), TO CONVERT FROM S.C.E. & G. PLANT DATA (PD) TO NAVD83 (FEET), THE SURVEYS AND REPORTED SENSITIVITY AND DEPTH RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND CONTROLLED BY 000153-116.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR PHOTOGRAMMETRY AND PHOTOGRAMMETRIC ENGINEERING (ASPHOT) SHALL BE USED TO DERIVE THE PHOTOGRAMMETRIC DATA FROM THE AERIAL PHOTOGRAPHS. THE SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GEORGE BERNARD, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS PROJECT AND HAS DETERMINED THAT THE PLANNING AND CONSTRUCTION SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS AND REGULATIONS. THE NATIONAL MAP PRODUCTION STANDARDS AND REGULATIONS ARE THE PROPERTY OF THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE NSPS.

THIS DOCUMENT WAS ORIGINALLY DESIGNED AND CREATED BY THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SCS) AND IS THE PROPERTY OF THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SCS). ANY REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SCS) IS PROHIBITED.

*George Bernard*  
 SCS #153/116

**EXHIBIT G SHEET G-20**

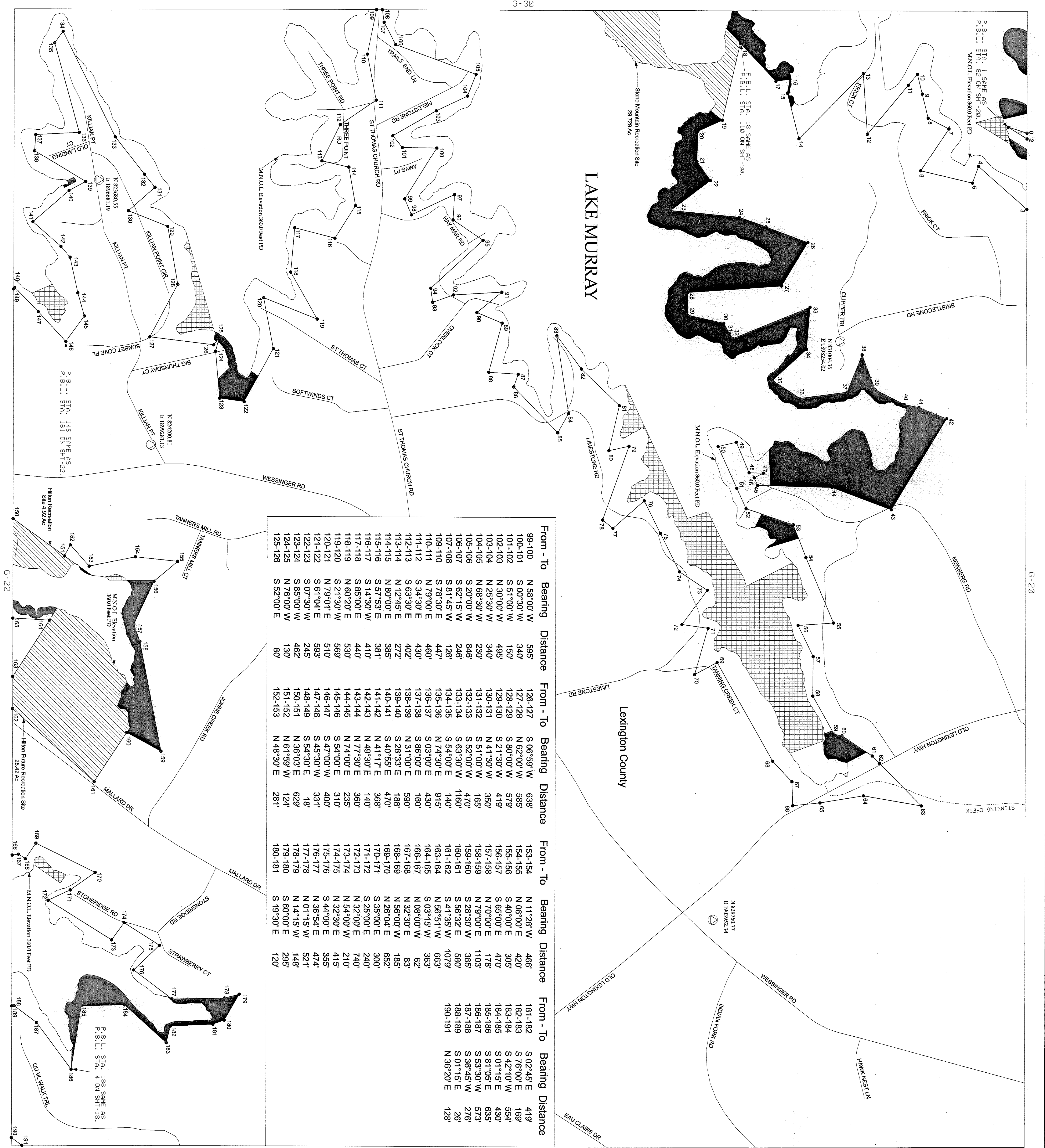
DETAIL MAP OF PROJECT AREA  
 SHEET 20 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line  
Taxerwise

From - To	Bearing	Distance
0-1	S 17°30' W	196'
1-2	N 31°45' E	220'
2-3	S 41°30' W	638'
3-4	S 41°30' W	638'
4-5	S 70°00' E	174'
5-6	N 56°15' W	525'
6-7	N 56°15' W	500'
7-8	S 27°00' W	231'
8-9	S 76°00' W	245'
9-10	S 76°00' W	200'
10-11	S 50°15' E	140'
11-12	S 50°15' E	630'
12-13	S 88°00' W	600'
13-14	S 45°30' E	903'
14-15	S 75°30' W	465'
15-16	N 79°30' W	140'
16-17	S 09°00' E	141'
17-18	S 46°45' W	514'
18-19	S 77°00' E	777'
19-20	S 24°30' E	265'
20-21	S 88°30' E	300'
21-22	N 54°30' E	230'
22-23	S 37°00' E	490'
23-24	N 05°30' E	680'
24-25	N 20°00' E	280'
25-26	N 20°30' E	442'
26-27	S 88°45' E	501'
27-28	S 04°00' E	927'
28-29	S 89°30' E	220'
29-30	N 12°30' E	368'
30-31	N 51°00' E	368'
31-32	N 55°00' E	60'
32-33	N 22°00' W	820'
33-34	S 85°30' E	416'
34-35	S 42°15' E	452'
35-36	N 33°10' E	322'
36-37	N 07°30' W	470'
37-38	N 68°10' W	395'
38-39	N 29°00' E	365'
39-40	N 67°00' E	320'
40-41	N 11°00' E	150'
41-42	N 22°00' E	295'
42-43	S 89°45' E	1050'
43-44	S 20°30' W	625'
44-45	S 01°30' W	735'
45-46	S 65°45' W	82'
46-47	N 27°00' W	100'
47-48	S 01°30' W	140'
48-49	S 67°00' W	325'
49-50	S 13°00' E	185'
50-51	N 65°30' E	450'
51-52	N 18°30' E	221'
52-53	N 18°30' E	492'
53-54	N 67°00' E	350'
54-55	N 87°00' E	700'
55-56	S 04°00' E	350'
56-57	N 64°00' E	341'
57-58	S 89°30' E	389'
58-59	N 60°30' E	429'
59-60	N 12°00' E	80'
60-61	N 33°45' E	360'
61-62	N 45°15' E	100'
62-63	N 45°15' E	590'
63-64	S 09°45' W	580'
64-65	S 09°15' E	435'
65-66	S 06°00' W	270'
66-67	S 88°00' W	235'
67-68	S 46°39' W	278'
68-69	S 60°30' W	119'
69-70	S 28°30' E	253'
70-71	N 24°00' W	475'
71-72	S 08°30' W	260'
72-73	N 53°30' W	420'
73-74	S 53°30' W	329'
74-75	S 63°30' W	423'
75-76	S 63°30' W	360'
76-77	S 41°10' E	130'
77-78	S 38°30' W	130'
78-79	N 70°25' W	770'
79-80	S 12°30' E	203'
80-81	N 77°00' W	455'
81-82	S 43°40' W	520'
82-83	S 53°15' W	405'
83-84	N 81°15' E	770'
84-85	S 81°00' E	218'
85-86	S 45°50' W	625'
86-87	N 71°00' W	133'
87-88	S 03°30' W	292'
88-89	N 24°50' W	500'
89-90	S 22°30' W	270'
90-91	N 39°15' W	318'
91-92	S 03°30' E	479'
92-93	S 20°00' E	218'
93-94	S 82°00' W	140'
94-95	N 42°40' W	701'
95-96	S 34°00' W	358'
96-97	N 87°00' W	250'
97-98	S 25°20' E	470'
98-99	S 67°00' W	170'



From - To	Bearing	Distance	From - To	Bearing	Distance	From - To	Bearing	Distance	From - To	Bearing	Distance
99-100	N 58°00' W	595'	126-127	S 06°59' W	638'	153-154	N 11°28' W	466'	181-182	S 02°45' E	419'
100-101	S 00°30' W	340'	127-128	N 62°00' W	585'	154-155	N 06°00' E	420'	182-183	S 07°00' E	169'
101-102	S 51°00' W	150'	128-129	S 80°00' W	578'	155-156	S 40°00' E	305'	183-184	S 42°10' E	554'
102-103	N 30°00' W	495'	129-130	S 21°30' W	419'	156-157	S 65°00' E	470'	184-185	S 01°15' E	430'
103-104	N 28°30' W	340'	130-131	N 41°30' W	350'	157-158	N 70°00' E	178'	185-186	S 81°05' E	635'
104-105	N 68°30' W	230'	131-132	S 52°00' W	165'	158-159	N 29°00' E	1103'	186-187	S 53°30' W	276'
105-106	S 20°00' W	846'	132-133	S 62°15' W	246'	159-160	S 28°30' W	385'	187-188	S 36°45' W	276'
106-107	S 62°15' W	246'	133-134	S 14°30' E	1160'	160-161	S 56°32' E	580'	188-189	S 01°15' E	26'
107-108	S 81°45' E	128'	134-135	S 64°00' E	140'	161-162	S 41°58' W	1079'	189-189	S 01°15' E	128'
108-109	S 78°30' E	447'	135-136	N 24°30' E	915'	162-163	N 56°51' W	663'			
109-110	N 79°00' E	460'	136-137	S 03°00' E	830'	163-164	N 08°00' W	62'			
110-111	S 34°30' E	430'	137-138	S 83°00' E	160'	164-165	N 08°00' W	62'			
111-112	S 63°30' E	402'	138-139	N 51°00' E	590'	165-166	N 32°30' E	83'			
112-113	N 72°45' E	272'	139-140	S 20°53' E	188'	166-168	N 26°04' E	652'			
113-114	N 80°00' E	470'	140-141	N 41°17' E	368'	169-170	S 35°00' E	300'			
114-115	S 57°53' E	410'	141-142	N 41°17' E	368'	170-171	S 25°00' E	240'			
115-116	S 14°30' E	381'	142-143	N 49°30' E	140'	171-172	N 54°00' W	740'			
116-117	S 14°30' E	440'	143-144	N 77°30' E	360'	172-173	N 32°30' E	415'			
117-118	S 85°00' E	530'	144-145	N 24°00' E	235'	173-174	S 64°00' E	415'			
118-119	N 60°20' E	569'	145-146	S 47°00' W	400'	174-175	N 32°30' E	415'			
119-120	S 21°30' W	510'	146-147	S 45°30' W	331'	175-176	S 44°00' E	335'			
120-121	N 79°01' E	593'	147-148	S 45°30' W	331'	176-177	N 36°54' E	474'			
121-122	S 61°04' E	593'	148-149	S 54°30' E	18'	177-178	N 01°15' W	521'			
122-123	S 07°30' W	245'	150-151	N 36°03' E	629'	178-179	N 14°15' W	148'			
123-124	S 85°00' W	462'	151-152	N 61°59' W	124'	179-180	S 60°00' E	295'			
124-125	N 76°00' W	130'	152-153	N 48°30' E	281'	180-181	S 19°30' E	120'			
125-126	S 52°00' E	80'									

**KEY MAP**

**LEGEND**

- ROLLROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STRIP
- COUNTY BOUNDARY
- EMBLEM RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- EMBLEM RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-21**

DETAIL MAP OF PROJECT AREA

SHEET 21 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

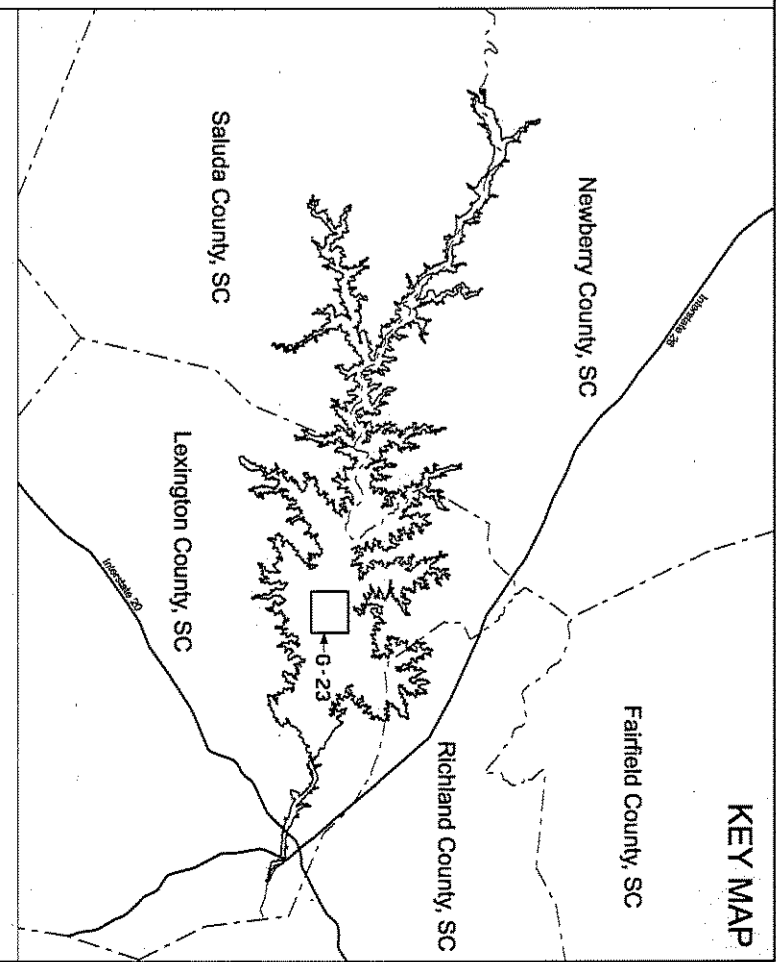
DATE: FEBRUARY 2009

SC PLS 1063





Project Boundary Line  
 Traverse  
 From - To Bearing Distance



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.A.S.L. OR BETWEEN P.B.L. AND RIVERSHANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 AND "11", THE PROJECT BOUNDARY HEREIN IS BEING BASED ON S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 AND "11". THE PROJECT BOUNDARY HEREIN IS BEING BASED ON S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 AND "11". ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY OWSBY, INC.

STEREOREPRODUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR MAPS AND DIGITAL DATA (ANSI Z39-18) SHALL BE APPROXIMATELY 1:1 INCH = 1 GABRIEL SCALE.

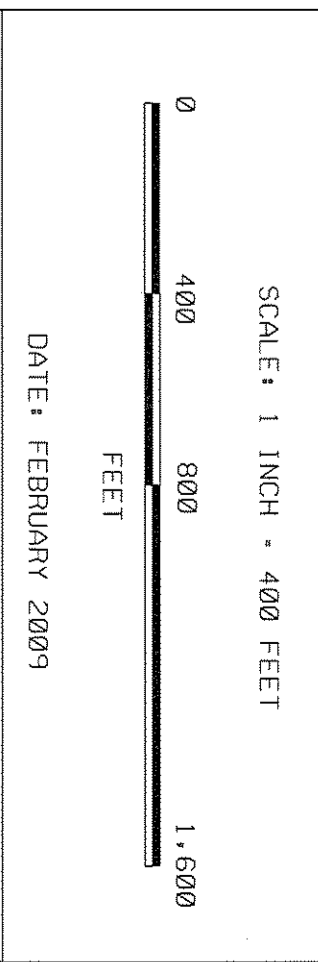
1. ORLAND SWEENEY, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA, HAS REVIEWED THIS PROJECT MAP AND CONFIRMS THAT THE PLANNED PROJECT AND CONTIGUOUS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS AND THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY ME, ORLAND SWEENEY, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA, P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER HAS REVIEWED THE LANDS SHOWN ON THIS MAP THAT ARE UNDER THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT QUANTIFIED HEREIN WERE BASED ON S.C.E. & G. SURVEYS AND DRAWINGS PROVIDED BY OWSBY, INC.

*Orland Sweeney*  
 REGISTERED PROFESSIONAL SURVEYOR  
 S.C. 13163/109

EXHIBIT G SHEET G-23

DETAIL MAP OF PROJECT AREA  
 SHEET 23 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY



G-24

G-22

G-29

G-28

Project Boundary Line Traverse

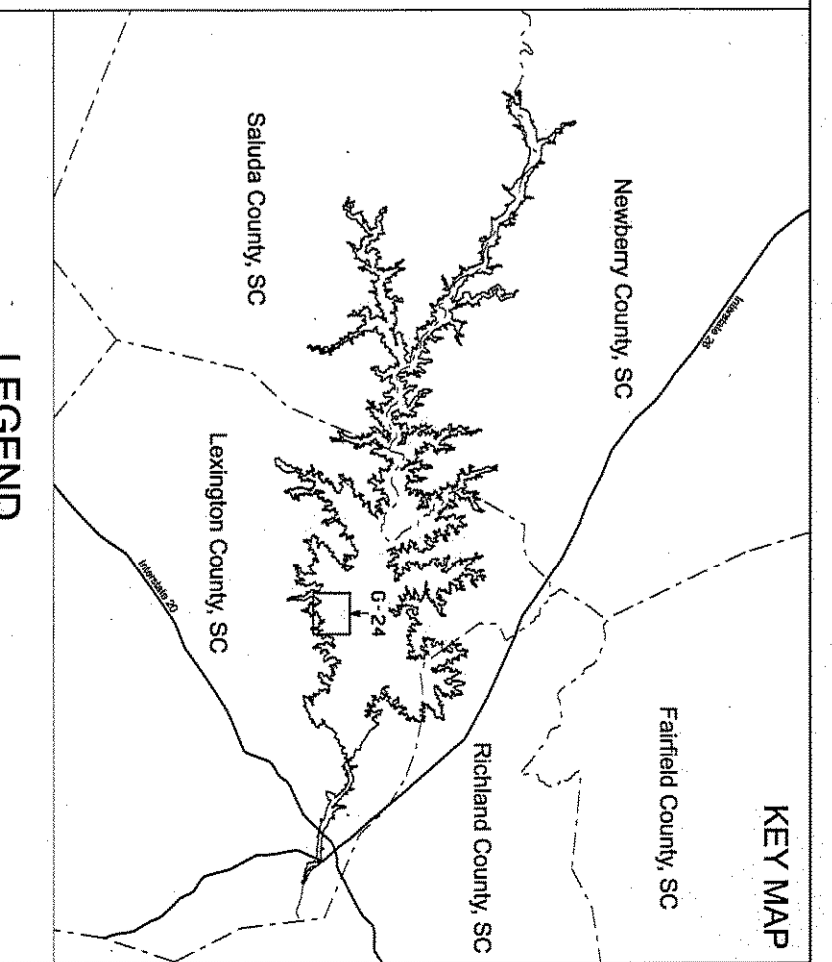
From - To	Bearing	Distance
0-1	N 03°00' E	36'
1-2	N 59°00' E	255'
2-3	N 51°30' W	370'
3-4	N 01°30' W	475'
4-5	N 87°30' E	575'
5-6	N 09°00' W	365'
6-7	N 11°00' W	115'
7-8	N 65°30' E	222'
8-9	N 31°00' E	280'
9-10	N 43°30' E	520'
10-11	N 26°30' W	450'
11-12	N 61°00' E	282'
12-13	S 68°00' E	462'
13-14	S 10°00' E	530'
14-15	S 57°28' E	383'
15-16	S 57°28' E	276'
16-17	S 70°05' W	540'
17-18	S 48°15' E	630'
18-19	N 24°00' E	300'
19-20	S 51°30' E	500'
20-21	S 32°45' W	395'
21-22	S 27°30' W	129'
22-23	N 02°30' E	235'
23-24	N 70°45' W	340'
24-25	S 86°30' E	335'
25-26	S 86°30' E	335'
26-27	N 48°00' E	270'
27-28	S 84°15' W	980'
28-29	N 19°20' E	458'
29-30	N 40°00' W	265'
30-31	N 62°00' E	784'
31-32	N 41°00' E	280'
32-33	N 70°00' E	705'
33-34	N 66°00' E	180'
34-35	N 47°30' W	210'
35-36	N 47°30' W	250'
36-37	N 42°00' E	170'
37-38	N 42°00' E	510'
38-39	N 44°00' E	425'
39-40	N 44°00' E	425'
40-41	S 63°38' E	450'
41-42	N 03°00' E	585'
42-43	N 50°00' W	590'
43-44	N 42°00' E	300'
44-45	S 72°30' E	490'
45-46	S 02°30' W	340'
46-47	S 83°30' E	440'
47-48	S 19°30' W	890'
48-49	S 83°00' E	470'
49-50	N 56°00' E	480'
50-51	S 85°00' E	250'
51-52	S 14°00' E	550'
52-53	S 48°30' E	270'
53-54	S 09°30' W	780'
54-55	S 07°00' E	333'
55-56	N 51°00' W	44'
56-57	N 08°00' E	975'
57-58	N 17°30' W	690'
58-59	N 82°30' E	400'
59-60	N 24°30' W	463'
60-61	N 02°30' W	590'
61-62	S 31°30' E	840'
62-63	S 02°30' W	450'
63-64	S 41°00' E	380'
64-65	N 37°00' E	310'
65-66	N 80°00' E	40'
66-67	S 51°30' E	450'
67-68	N 42°15' W	23'
69-70	N 19°00' E	48'



G-23

LAKE MURRAY

Lexington County



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.R.L. & M.A.O.L. OR BETWEEN P.R.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.R.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATA BASED ON NAVD83 (FEET). ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (PD). TO CONVERT FROM S.C.E. & G. PLANT DATA TO NAVD83 ON S.C.E. & G. SURVEYS AND RECORDS, SURVEYS AND RECORDS SHOULD BE ADJUSTED USING THE FOLLOWING FORMULA: NAVD83 = PLANT DATA - 1.17. UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BELONG TO S.C.E. & G. AND MARKED BY ORBITS. THE BOUNDARY LINES SHOWN ON THIS MAP ARE THE PROPERTY BOUNDARY LINES THAT ARE RECORDED SURVEYS AND RECORDS. THIS PROJECT WAS ORIGINALLY DESIGNED AND CREATED BY GEORGE SHERMAN, E.C. 122695, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A GENTILE DOCUMENT. 1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SURVEY, AND HAS DETERMINED THAT THE SURVEY IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYING ACT AND THE ENGINEERING CONSTRUCTION ACT. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS AND RECORDS, AND THE VERTICAL DATA (S. MANDS FEET). THIS DOCUMENT IS INTENTIONAL. (PD) AND THE VERTICAL DATA IS NAVD83 (FEET). THIS DOCUMENT WAS ORIGINALLY DESIGNED AND CREATED BY GEORGE SHERMAN, E.C. 122695, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A GENTILE DOCUMENT.

1. GEORGE SHERMAN, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA PHOTOGRAMMETRIC SURVEYORS/HAPPERS HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS. THE PLANNING AND CONTROLERS SHOWN ON SAID MAPS ARE IN COMPLIANCE WITH THE NATIONAL MAPS ACT AND THE NATIONAL PHOTOGRAMMETRIC SURVEYING ACT. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS AND RECORDS, AND THE VERTICAL DATA (S. MANDS FEET). THIS DOCUMENT IS INTENTIONAL. (PD) AND THE VERTICAL DATA IS NAVD83 (FEET). THIS DOCUMENT WAS ORIGINALLY DESIGNED AND CREATED BY GEORGE SHERMAN, E.C. 122695, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A GENTILE DOCUMENT.

DATE: FEBRUARY 2009  
S.C. PL. 13163

EXHIBIT G SHEET G-24

DETAIL MAP OF PROJECT AREA  
SHEET 24 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 58°00' E	284'
1-2	S 86°00' E	180'
2-3	S 19°00' W	315'
3-4	S 27°00' E	305'
4-5	S 36°37' E	623'
5-6	S 02°30' W	635'
6-7	S 73°40' W	383'
7-8	S 03°00' E	525'
8-9	N 77°00' E	447'
9-10	S 02°30' W	528'
10-11	S 11°28' E	590'
11-12	S 50°30' W	160'
12-13	S 05°05' W	580'
13-14	S 14°35' E	330'
14-15	S 40°00' E	880'
15-16	S 25°20' W	330'
16-17	S 76°30' E	500'
17-18	N 10°00' W	200'
18-19	N 33°30' E	279'
19-20	N 31°30' W	382'
20-21	N 32°00' W	750'
21-22	N 64°30' E	180'
22-23	N 27°30' E	200'
23-24	N 07°30' E	770'
24-25	N 54°00' E	270'
25-26	N 76°00' W	362'
26-27	N 19°00' W	200'
27-28	N 56°00' E	252'
28-29	N 25°00' W	225'
29-30	N 53°00' E	275'
30-31	N 63°00' W	310'
31-32	N 26°00' E	525'
32-33	N 68°30' E	208'
33-34	N 41°10' W	528'
34-35	N 42°00' E	200'
35-36	N 35°00' W	1080'
36-37	N 57°00' W	140'
37-38	N 30°00' W	290'
38-39	N 03°00' E	980'
39-40	N 59°00' E	285'
40-41	N 51°30' W	370'
41-42	N 01°30' W	475'
42-43	N 87°50' E	575'
43-44	N 09°00' W	84'
44-45	S 70°05' W	166'
45-46	S 48°15' E	630'
46-47	S 48°15' E	300'
47-48	S 24°00' E	300'
48-49	S 51°30' E	300'
49-50	S 32°45' W	395'
50-51	S 27°30' W	240'
51-52	S 68°30' W	370'
52-53	S 21°30' E	228'
53-54	S 71°20' W	860'
54-55	S 66°30' E	460'
55-56	S 82°30' E	385'
56-57	S 16°00' W	180'
57-58	S 35°28' E	285'
58-59	N 57°05' E	672'
59-60	S 71°00' E	238'
60-61	S 16°31' E	432'
61-62	S 16°30' E	635'
62-63	N 79°00' E	240'
63-64	S 07°15' E	1000'
64-65	S 42°34' W	191'
65-66	N 58°49' E	262'
66-67	N 29°08' E	905'
67-68	N 27°59' E	295'
68-69	N 63°00' W	611'
69-70	N 18°00' W	200'
70-71	N 21°00' W	435'
71-72	S 51°00' E	568'
72-73	N 27°00' E	724'
73-74	N 82°44' E	1169'
74-75	N 58°00' W	944'
75-76	N 02°30' E	393'
76-77	N 70°45' W	340'
77-78	S 86°30' E	335'
78-79	N 48°00' E	270'
79-80	S 84°15' W	860'
80-81	N 19°20' E	285'
81-82	N 40°00' W	399'
83-84	S 09°30' W	655'
84-85	S 07°00' E	760'
85-86	N 71°00' E	730'
86-87	N 51°00' W	340'
87-88	N 08°00' E	958'



**KEY MAP**

**LEGEND**

- ROLLROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-25**

DETAIL MAP OF PROJECT AREA  
SHEET 25 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**NOTICE**

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON MGD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN NAUT DATUM (PD). TO CONVERT FROM S.C.E. & G. RANGE DATUM (PD) TO NAUT DATUM (PD), ADD 1.16 FEET TO ALL ELEVATIONS. TO CONVERT FROM NAUT DATUM (PD) TO RANGE DATUM (PD), SUBTRACT 1.16 FEET FROM ALL ELEVATIONS. ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN NAUT DATUM (PD). TO CONVERT FROM S.C.E. & G. RANGE DATUM (PD) TO NAUT DATUM (PD), ADD 1.16 FEET TO ALL ELEVATIONS. TO CONVERT FROM NAUT DATUM (PD) TO RANGE DATUM (PD), SUBTRACT 1.16 FEET FROM ALL ELEVATIONS.

PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS

PROPERTY OWNED IN FEE BY S.C.E. & G. - PROPOSED FUTURE RECREATION AREAS

**NOTICE**

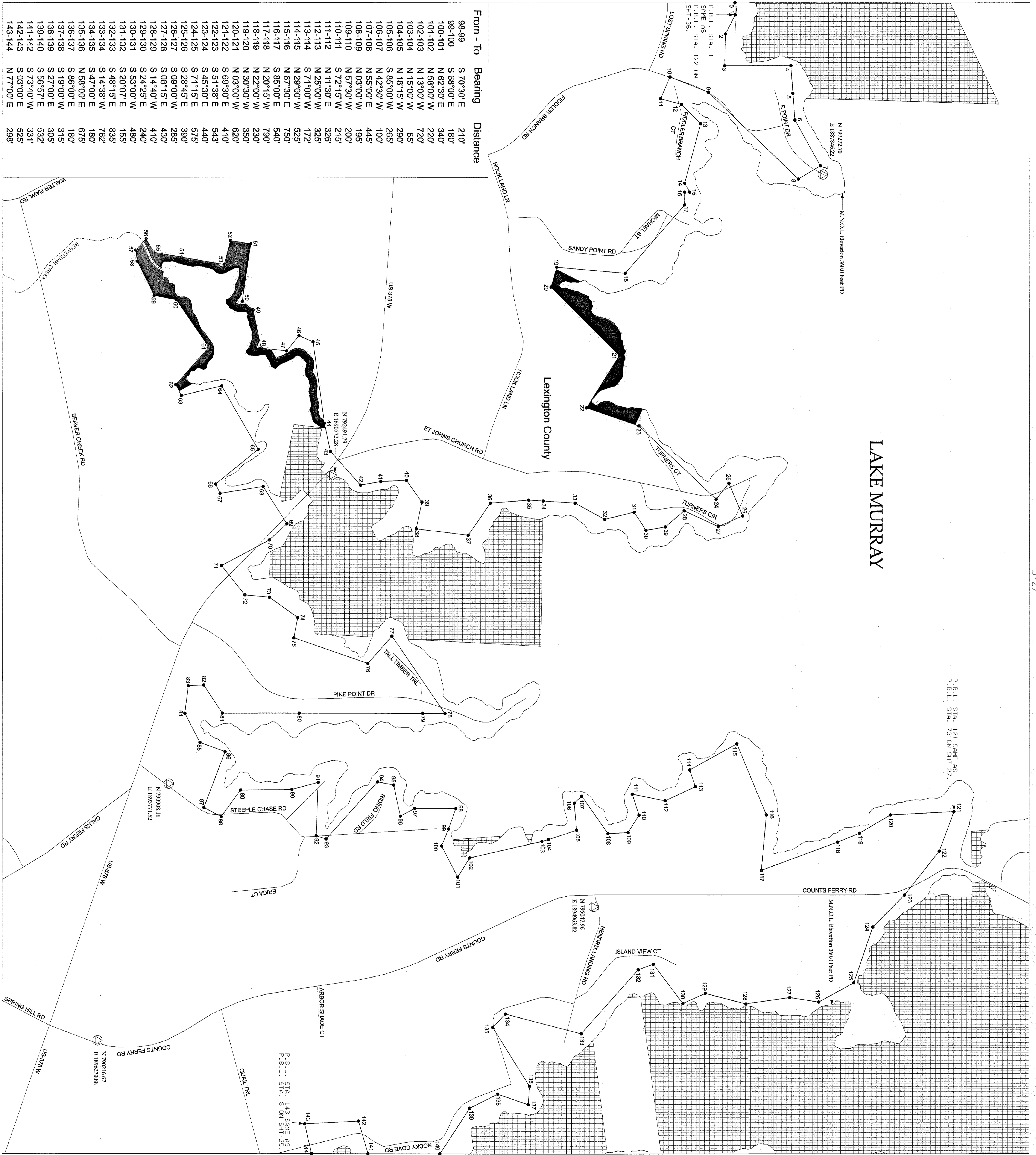
THIS PROJECT WAS ORIGINALLY DESIGNED AND DRAWN BY GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163. GARY EATON HAS REVIEWED THIS PORTION OF THE PROJECT DRAWINGS AND HAS DETERMINED THAT THE PORTION OF THE PROJECT DRAWINGS SHOWN ON THIS MAP THAT ARE UNDER HIS PROFESSIONAL SEAL AND SIGNATURE ARE CORRECT AND ACCURATE. THE PROJECT BOUNDARY LINES THAT ARE UNDER HIS PROFESSIONAL SEAL AND SIGNATURE ARE CORRECT AND ACCURATE. THE PROJECT BOUNDARY LINES THAT ARE UNDER HIS PROFESSIONAL SEAL AND SIGNATURE ARE CORRECT AND ACCURATE. THE PROJECT BOUNDARY LINES THAT ARE UNDER HIS PROFESSIONAL SEAL AND SIGNATURE ARE CORRECT AND ACCURATE.

DATE: FEBRUARY 2009

S.C. P.L.S. 13163

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 88°20' E	116
1-2	S 63°00' E	210
2-3	S 88°30' E	310
3-4	N 00°00' E	645
4-5	N 85°40' E	270
5-6	N 85°40' E	280
6-7	N 61°00' E	510
7-8	S 31°00' E	280
8-9	S 44°00' W	1220
9-10	S 21°30' W	400
10-11	S 66°30' E	230
11-12	N 15°20' E	210
12-13	N 45°00' E	285
13-14	S 75°00' E	800
14-15	N 60°00' W	100
15-16	S 00°30' W	50
16-17	N 90°00' E	125
17-18	S 49°00' E	880
18-19	S 05°00' E	670
19-20	N 45°00' E	200
20-21	N 45°00' E	940
21-22	S 58°00' E	600
22-23	N 19°00' E	540
23-24	N 43°30' W	1037
24-25	N 51°30' W	199
25-26	S 23°20' E	345
26-27	S 67°00' E	280
27-28	S 40°20' W	365
28-29	S 10°00' E	192
29-30	S 57°00' W	211
30-31	S 13°45' E	285
31-32	S 28°44' W	330
32-33	S 03°50' W	310
33-34	S 03°50' W	142
34-35	S 04°45' E	375
35-36	S 55°30' E	380
36-37	S 07°00' W	510
37-38	N 73°00' W	285
38-39	S 34°30' W	280
39-40	S 02°50' E	280
40-41	S 10°00' W	200
41-42	S 48°00' W	440
42-43	S 78°00' W	279
43-44	S 82°00' W	800
44-45	S 23°00' W	150
45-46	S 51°30' W	190
46-47	S 08°30' W	280
47-48	S 78°00' W	380
48-49	S 38°00' W	135
49-50	N 81°30' W	565
50-51	S 08°30' W	200
51-52	S 75°00' E	240
52-53	S 10°00' W	420
53-54	S 10°00' W	275
54-55	S 60°00' W	150
55-56	S 47°00' E	180
56-57	N 82°00' E	110
57-58	N 63°30' E	370
58-59	N 11°00' E	220
59-60	N 55°30' E	580
60-61	N 63°00' E	485
61-62	N 48°30' E	120
62-63	N 13°30' W	404
63-64	N 60°00' E	712
64-65	S 39°15' E	534
65-66	N 64°30' E	100
66-67	N 09°00' W	425
67-68	N 57°30' E	430
68-69	S 43°00' E	234
69-70	S 28°04' E	527
70-71	N 51°30' E	365
71-72	N 05°30' E	240
72-73	N 05°30' E	240
73-74	N 35°30' E	340
74-75	N 19°00' E	200
75-76	N 48°30' W	763
76-77	N 55°30' E	365
77-78	S 00°00' E	910
78-79	S 00°00' E	215
79-80	S 00°00' E	1205
80-81	S 58°30' W	329
81-82	S 03°00' E	180
82-83	S 83°00' E	270
83-84	N 62°30' E	320
84-85	N 20°00' E	280
85-86	S 69°15' E	580
86-87	N 28°00' W	190
87-88	N 53°45' W	320
88-89	N 00°45' W	500
89-90	N 15°00' W	285
90-91	S 85°00' E	520
91-92	N 18°00' E	100
92-93	N 48°00' W	750
93-94	N 11°00' E	160
94-95	N 78°00' E	310
95-96	N 28°22' W	160
97-98	N 00°00' E	400



From - To	Bearing	Distance
98-99	S 70°30' E	210
99-100	S 68°00' E	180
100-101	N 62°30' E	340
101-102	N 58°00' W	220
102-103	N 13°00' W	720
103-104	N 13°00' W	65
104-105	N 18°15' W	290
105-106	S 85°00' W	265
106-107	N 42°30' W	100
107-108	N 55°00' E	445
108-109	N 03°00' W	195
109-110	N 57°30' W	200
110-111	S 27°15' W	215
111-112	N 11°30' E	328
112-113	N 25°00' W	325
113-114	S 71°00' W	172
114-115	N 29°00' W	525
115-116	N 67°30' E	750
116-117	N 20°15' W	790
117-118	S 65°00' E	540
118-119	N 22°00' W	230
119-120	N 30°30' W	350
120-121	N 03°00' W	620
121-122	S 69°30' E	410
122-123	S 51°38' E	543
123-124	S 45°30' E	440
124-125	S 71°15' E	575
125-126	S 28°45' E	390
126-127	S 09°00' W	285
127-128	S 08°15' E	430
128-129	S 14°20' W	410
129-130	S 24°25' E	240
130-131	S 20°07' E	480
131-132	S 53°00' W	155
132-133	S 48°15' E	782
133-134	S 14°38' W	835
134-135	S 47°00' E	180
135-136	N 58°00' E	675
136-137	S 86°00' E	180
137-138	S 19°00' W	315
138-139	S 27°00' E	305
139-140	S 56°57' E	532
141-142	S 73°40' W	331
142-143	S 03°00' E	525
143-144	N 77°00' E	298

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM MINOR OPERATING LEVEL (M.M.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.M.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.M.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.M.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOUGE AT A MINIMUM BELOW M.M.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**KEY MAP**

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM MDSG/2001 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 ON S.C.E. & G. SHEETS AND RECORDED SHEETS AND DEEDS OR RECORD UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY AND EASEMENT RIGHTS WERE PROVIDED BY SURVEYOR/PLANNING PROCESS IN ACCORDANCE WITH NATIONAL STANDARD SURVEYING PRACTICES AND THE SOUTH CAROLINA SURVEYING ACT OF 1977.

A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GEORGE SANKERS, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, PHOTOGRAMMETRIC SURVEYOR/PLANNER HAS REVIEWED THE LAKE MURRAY PROJECT MAPS, THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SAID MAPS AND IN ACCORDANCE WITH THE NATIONAL MAP PRODUCED BY THE PHOTOGRAMMETRIC SURVEYING ACT OF 1977, HAS PROVIDED HIS PROFESSIONAL OPINION THAT THE MAPS SHOW THE INSIDE BOUNDARIES OF THE PROJECT BOUNDARY LINES THAT ARE RECORDED SHEETS AND DEEDS OF RECORD, S.C.E. & G. SHEETS AND RECORDED SHEETS AND DEEDS OF RECORD.

THIS OPINION WAS ORIGINALLY ISSUED AND SIGNED BY GEORGE SANKERS, P.E., ON JULY 2, 2009. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOW HEREON, AND IN ACCORDANCE WITH THE NATIONAL MAP PRODUCED BY THE PHOTOGRAMMETRIC SURVEYING ACT OF 1977, HAS PROVIDED HIS PROFESSIONAL OPINION THAT THE MAPS SHOW THE INSIDE BOUNDARIES OF THE PROJECT BOUNDARY LINES THAT ARE RECORDED SHEETS AND DEEDS OF RECORD, S.C.E. & G. SHEETS AND RECORDED SHEETS AND DEEDS OF RECORD.

DATE: FEBRUARY 2009

**EXHIBIT G SHEET G-26**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

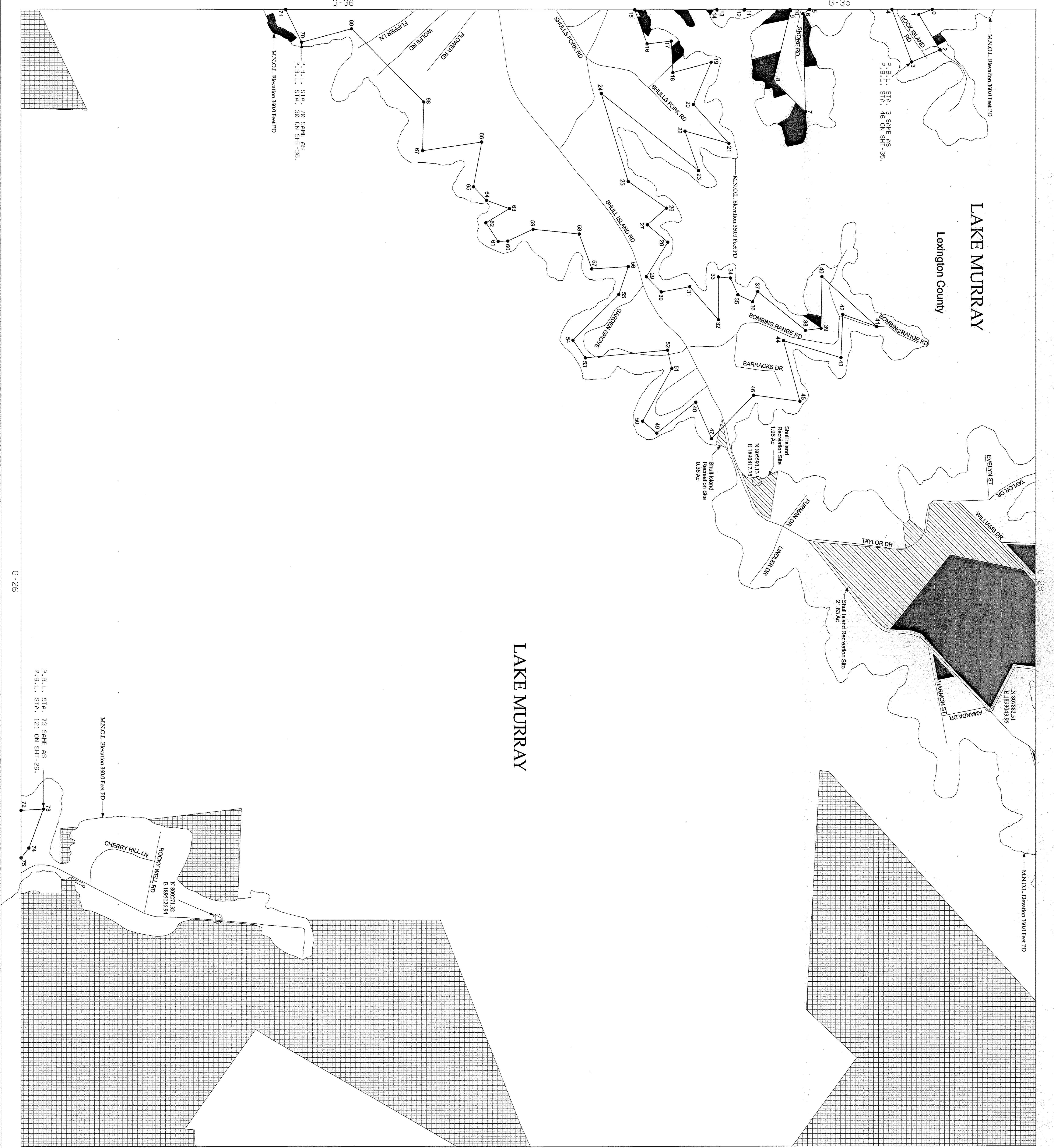
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

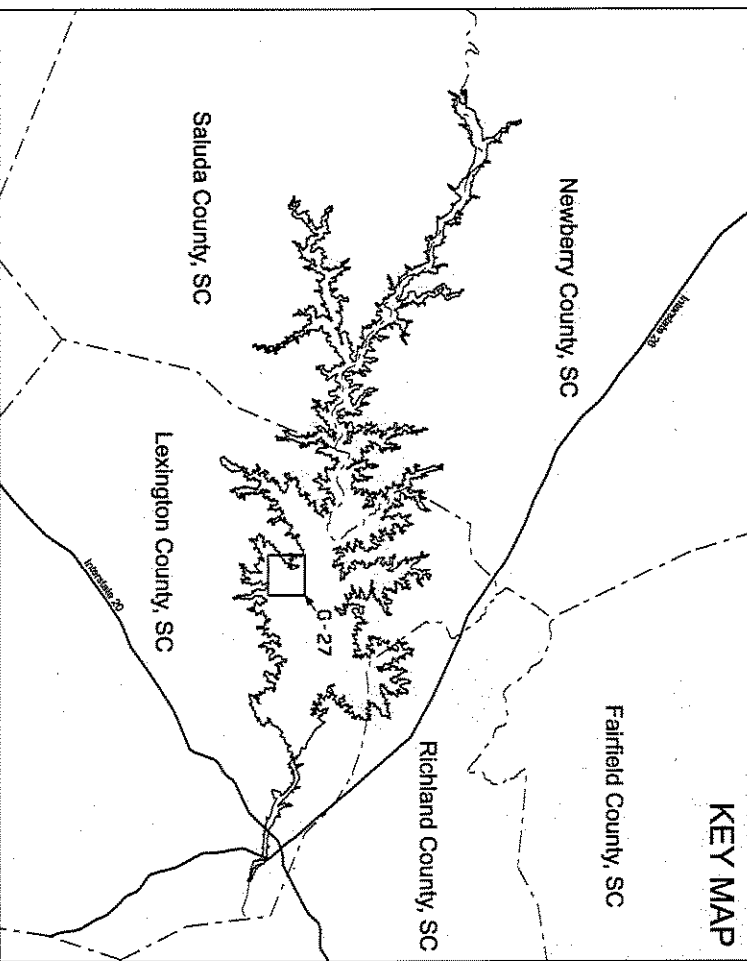
**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 21°30' E	141'
1-2	N 59°00' E	405'
2-3	S 23°00' E	305'
3-4	S 69°30' W	533'
5-6	S 33°00' E	80'
6-7	N 88°30' E	963'
7-8	S 44°00' W	440'
8-9	N 76°15' W	707'
9-10	S 74°00' W	15'
10-11	S 23°00' E	9'
11-12	S 00°00' E	267'
12-13	S 63°00' W	4'
13-14	N 70°00' E	359'
15-16	N 06°30' E	240'
16-17	N 06°30' E	310'
17-18	N 87°00' E	390'
18-19	N 15°00' W	450'
19-20	S 67°00' E	520'
20-21	N 47°30' E	450'
21-22	S 15°30' W	415'
22-23	N 71°00' E	415'
23-24	S 38°36' W	1228'
24-25	N 73°00' E	910'
25-26	N 35°00' E	460'
26-27	S 41°00' E	250'
27-28	N 40°00' E	265'
28-29	S 58°30' E	400'
29-30	N 45°30' E	210'
30-31	N 10°15' W	285'
31-32	N 49°00' E	430'
32-33	S 90°00' W	420'
33-34	N 05°00' E	120'
34-35	N 66°00' E	180'
35-36	N 25°00' E	160'
36-37	N 62°30' W	110'
37-38	N 39°00' E	605'
38-39	N 07°10' W	155'
39-40	N 89°00' W	508'
40-41	N 42°20' E	730'
41-42	S 19°50' W	355'
42-43	S 87°35' E	427'
43-44	S 16°35' W	592'
44-45	N 74°50' E	620'
45-46	S 07°50' W	460'
46-47	S 45°45' E	595'
47-48	S 66°30' W	390'
48-49	S 38°20' E	490'
49-50	S 40°22' W	183'
50-51	N 61°00' W	592'
51-52	S 07°15' W	185'
52-53	S 05°10' E	816'
53-54	S 55°30' W	212'
54-55	N 44°45' W	635'
55-56	N 71°00' W	290'
56-57	S 03°30' E	360'
57-58	S 07°00' W	365'
58-59	S 08°00' W	457'
59-60	S 25°00' E	275'
60-61	S 02°40' E	95'
61-62	S 56°30' W	220'
62-63	N 31°00' W	270'
63-64	S 20°00' W	240'
64-65	S 48°00' W	185'
65-66	N 79°30' W	450'
66-67	S 08°30' E	590'
67-68	N 88°30' W	480'
68-69	S 45°15' W	1012'
69-70	S 15°00' E	510'
70-71	S 64°00' W	358'
72-73	N 03°00' E	221'
73-74	S 69°30' E	410'
74-75	S 51°38' E	124'



**LAKE MURRAY**  
Lexington County

**LAKE MURRAY**



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.R.L. & M.N.O.L. OR BETWEEN P.R.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.R.L.
- PROPERTY OWNED IN FEE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE NAD 83 COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD). THE CORNER FROM S.C.E. & G. PLAIN DATUM (PD) TO NAVD83 (FEET) IS 1.48 FEET. ALL ELEVATIONS SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE SOUTH CAROLINA STATE PLAIN DATUM (PD) MAPS. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED.

THIS PROJECT WAS ORIGINALLY DESIGNED AND DETAILED BY GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, WHO RECEIVED THIS PORTION OF THE PROJECT BOUNDARY LINES FROM THE RECORDS OF THE ENGINEERING DEPARTMENT OF THE STATE OF SOUTH CAROLINA. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED.

THIS PROJECT WAS ORIGINALLY DESIGNED AND DETAILED BY GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, WHO RECEIVED THIS PORTION OF THE PROJECT BOUNDARY LINES FROM THE RECORDS OF THE ENGINEERING DEPARTMENT OF THE STATE OF SOUTH CAROLINA. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE IN PLAIN DATUM (PD) UNLESS OTHERWISE NOTED.

DATE: FEBRUARY 2009

**EXHIBIT G SHEET G-27**

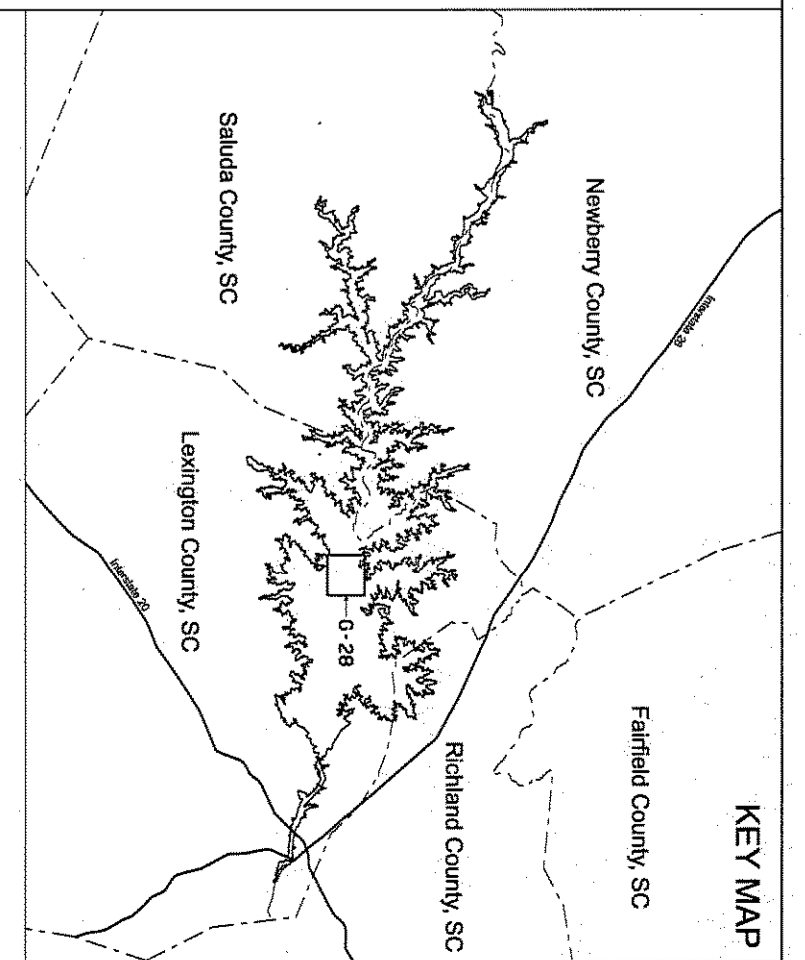
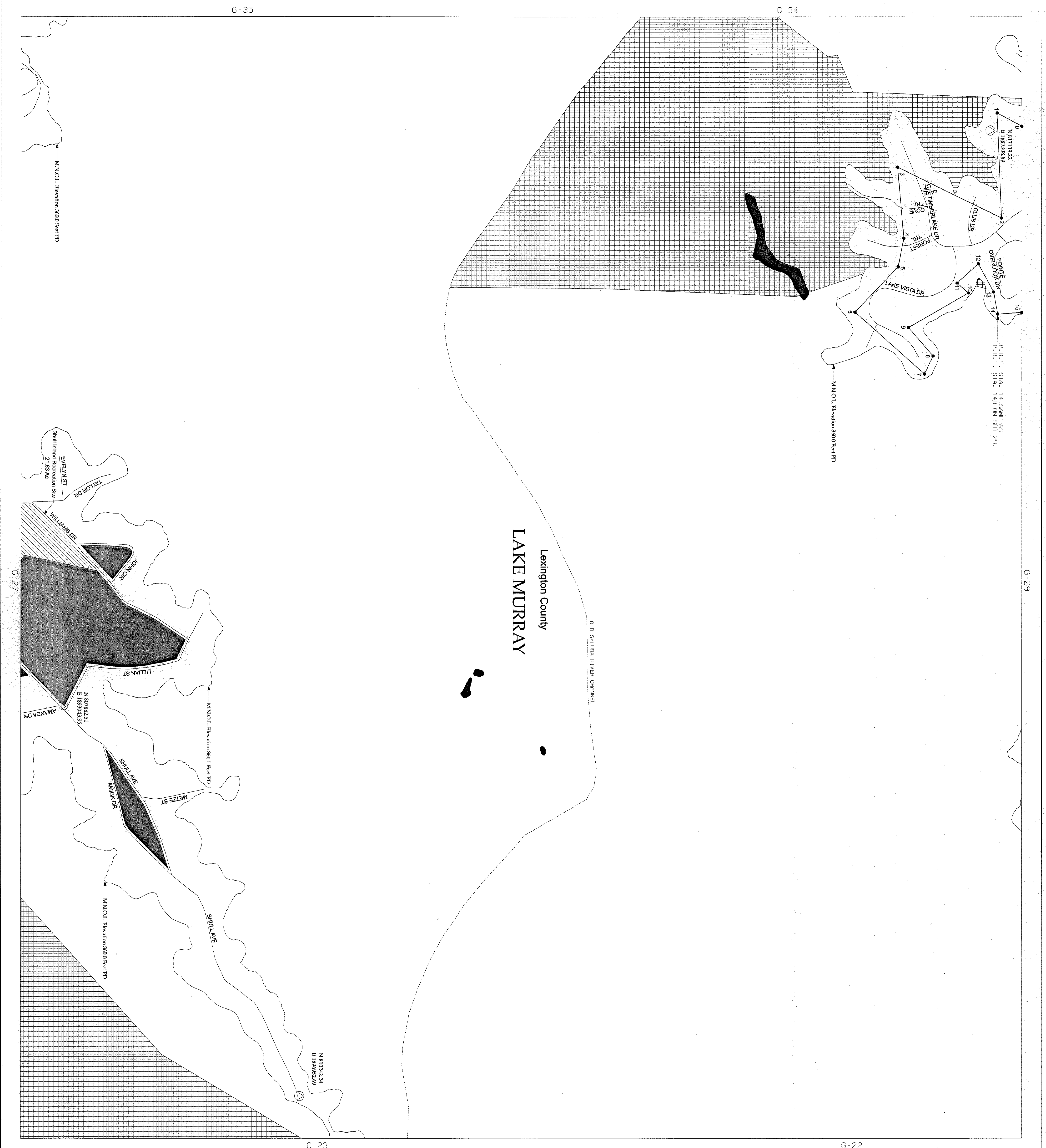
DETAIL MAP OF PROJECT AREA  
SHEET 27 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 28° 00' W	281'
1-2	N 87° 30' E	1048'
2-3	S 28° 00' W	1155'
3-4	N 85° 00' E	711'
4-5	S 78° 52' E	291'
5-6	S 46° 20' E	624'
6-7	N 41° 42' E	931'
7-8	N 65° 00' W	200'
8-9	S 49° 00' W	375'
9-10	N 30° 00' W	150'
10-11	S 41° 30' W	691'
11-12	N 42° 00' W	286'
12-13	N 67° 35' E	319'
13-14	N 79° 17' E	225'
14-15	N 03° 43' W	240'



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPENING LEVEL (M.N.O.L.)
- STREET
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATA BASED ON MANDRS (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (P.D.), TO CORRECT FROM S.C.E. & G. PLANT DATA (P.D.) TO NAVD 83 (NATIONAL DATUM) USE THE FOLLOWING CORRECTIONS: P.D. MINUS 0.85 ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY AND RELATED CONDUITS WERE PROVIDED BY S.C.E. & G. AND DERIVED BY PHOTOGRAMMETRY.

STRATIFICATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD SPECIFICATIONS FOR PHOTOGRAMMETRY AND SURVEYING, A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. STANDARD SURVEYOR, A PROFESSIONAL SOUTH CAROLINA PHOTOGRAMMETRIC SURVEYOR/WARRIOR HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS. THE PLANIMETRIC AND CONTOUR SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PROJECT BOUNDARY LINES SHOWN ON SAID MAPS WERE PROVIDED BY PHOTOGRAMMETRIC SURVEYS UNDER MY DIRECT SUPERVISION. ALL WORK IS BASED ON MANDRS/2001 SOUTH CAROLINA STATE PLANE (FEET) AND MANDRS/2001 SOUTH CAROLINA STATE PLANE (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND CARRIED BY GERARD SHANKS EX. 124285, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A DELETED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13165, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN, AND THE ENGINEER'S OVER THE LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS/WARRIOR DEEDS OF RECORD, S.C.E. & G. SURVEYS AND RECORDED SURVEYS/WARRIOR DEEDS OF RECORD.

GARY EATON  
S.C. PLS/13165

**EXHIBIT G SHEET G-28**

DETAIL MAP OF PROJECT AREA  
SHEET 28 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

0 400 800 1,600 FEET



Project Boundary Line Traverse

Table with 3 columns: From - To, Bearing, Distance. Contains traverse data for the project boundary line, listing station numbers and their respective bearings and distances.

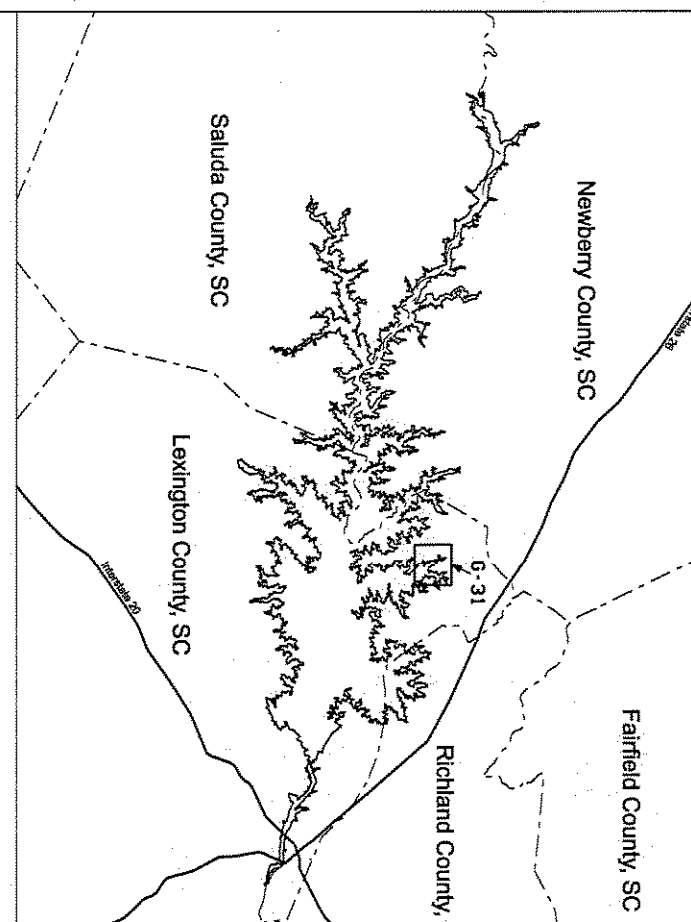


Key Map, Legend, and Exhibit G. Includes a regional key map, legend with symbols for roads, rivers, and property types, and a detailed description of the project area (Saluda Hydroelectric Project No. 516).



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 48°45' E	86'
1-2	N 10°00' W	315'
2-3	S 64°00' W	837'
4-5	N 19°15' E	379'
5-6	N 26°30' E	724'
6-7	S 90°00' W	639'
7-8	N 58°30' W	235'
8-9	N 21°15' W	642'
9-10	N 08°00' E	422'
10-11	N 81°30' W	290'
11-12	N 81°30' W	600'
12-13	N 60°10' W	110'
13-14	N 36°30' E	75'
14-15	N 36°30' E	175'
15-16	N 88°53' E	1228'
16-17	S 05°30' E	110'
17-18	S 79°30' E	455'
18-19	N 03°30' E	255'
19-20	N 03°30' E	150'
20-21	N 76°00' W	1113'
21-22	N 47°30' E	242'
22-23	N 59°45' W	736'
23-24	N 03°15' W	123'
24-25	N 78°50' E	675'
25-26	N 42°00' E	155'
26-27	N 72°00' W	355'
27-28	S 50°00' W	95'
28-29	N 62°00' W	290'
29-30	N 11°00' W	720'
30-31	N 35°00' E	480'
31-32	N 59°00' W	425'
32-33	N 18°15' W	1055'
33-34	S 77°20' W	295'
34-35	N 87°30' W	995'
35-36	N 23°30' E	550'
36-37	S 70°30' E	600'
37-38	S 70°30' E	600'
38-39	N 22°00' W	700'
39-40	N 16°15' W	340'
40-41	S 42°23' E	780'
41-42	N 27°00' E	118'
42-43	S 35°00' E	1320'
43-44	S 33°00' E	60'
44-45	S 41°45' W	504'
45-46	N 27°00' W	1024'
46-47	S 85°30' E	263'
47-48	S 83°00' E	400'
48-49	S 33°00' W	385'
49-50	S 48°15' E	440'
50-51	S 11°00' E	225'
51-52	N 49°30' E	210'
52-53	N 58°00' E	310'
53-54	S 08°00' W	655'
54-55	S 37°30' E	260'
55-56	S 00°00' E	135'
56-57	N 90°00' E	100'
57-58	S 85°00' E	291'
58-59	S 10°00' W	314'
59-60	S 50°00' W	600'
60-61	N 68°00' E	200'
61-62	S 40°00' E	300'
62-63	N 70°00' E	700'
63-64	N 85°00' E	65'
64-65	N 60°00' E	245'
65-66	N 71°30' W	215'
66-67	N 59°30' W	265'
67-68	N 89°00' W	250'
68-69	N 09°00' E	250'
69-70	N 08°00' E	270'
70-71	N 21°00' E	250'
71-72	S 79°00' E	315'
72-73	N 01°00' E	220'
73-74	N 02°00' E	215'
74-75	N 48°00' W	375'
75-76	N 58°00' W	725'
76-77	N 57°00' E	525'
77-78	S 87°00' E	440'
78-79	N 23°00' E	800'
79-80	N 84°11' W	429'
80-81	N 65°30' W	325'
81-82	N 19°45' W	360'
82-83	N 19°45' W	615'
83-84	N 11°30' E	85'
84-85	N 11°30' E	745'
85-86	S 23°30' E	690'
86-87	S 23°30' E	230'
87-88	S 34°00' E	125'
88-89	S 67°00' E	527'
89-90	N 24°30' E	1813'
90-91	S 37°30' E	839'
91-92	N 67°00' E	151'
92-93	S 18°45' E	56'
93-94	N 49°30' E	110'
94-95	N 73°00' E	550'
95-96	S 37°04' W	738'
96-97	S 63°15' W	1106'
97-98	S 07°00' E	763'
98-99	S 83°15' E	670'



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN M.N.O.L. AND P.B.L.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - PROPOSED FUTURE RECREATION AREAS
- RECREATION AREAS

**VERTICAL DATUM** BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN FEET UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY HEREIN IS DEFINED BY THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS DEFINED BY THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS DEFINED BY THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP.

**SCALE:** 1 INCH = 400 FEET

**DATE:** FEBRUARY 2009

**EXHIBIT G SHEET G-31**

**DETAIL MAP OF PROJECT AREA**

**SHEET 31 OF 77**

**SALUDA HYDROELECTRIC PROJECT NO. 516**

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**

1. GARY L. STANLEY, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LATE RICHARD PROJECT BOUNDARY SHOWN HEREIN, THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP, AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP IS ACCURATE AND CORRECTLY REPRESENTS THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP.

*GARY L. STANLEY*  
 S.C. REG. 13163

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GARY L. STANLEY, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LATE RICHARD PROJECT BOUNDARY SHOWN HEREIN, THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP, AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP IS ACCURATE AND CORRECTLY REPRESENTS THE PROJECT BOUNDARY LINE AS SHOWN ON THIS MAP.

**SCALE:** 1 INCH = 400 FEET

**DATE:** FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 37°30' W	318'
1-2	S 01°45' E	252'
2-3	N 14°30' W	547'
3-4	N 15°15' W	640'
4-5	S 27°00' W	930'
5-6	S 27°00' W	358'
6-7	N 08°00' E	154'
7-8	N 06°00' E	715'
8-9	S 63°15' W	510'
9-10	N 20°30' E	520'
10-11	N 89°00' W	180'
11-12	N 89°00' W	180'
12-13	S 01°39' W	884'
13-14	N 14°00' W	570'
14-15	S 02°00' W	421'
15-16	N 46°30' W	272'
16-17	N 45°15' E	1103'
17-18	N 69°00' W	1450'
18-19	N 69°00' W	2124'
19-20	N 80°21' E	644'
20-21	N 31°31' W	24
21-22	N 78°30' E	1285'
22-23	N 43°15' W	365'
23-24	N 32°00' W	540'
24-25	S 62°30' E	375'
25-26	N 69°00' E	525'
26-27	N 30°15' E	408'
27-28	N 30°15' E	540'
28-29	S 69°30' W	535'
29-30	N 82°00' W	280'
30-31	S 61°30' W	200'
31-32	S 61°30' W	200'
32-33	S 41°30' W	231'
33-34	S 61°45' W	128'
34-35	S 79°00' W	600'
35-36	N 11°15' E	415'
36-37	N 15°15' E	250'
37-38	N 47°45' E	578'
38-39	N 01°00' W	130'
39-40	N 83°30' W	508'
40-41	S 51°30' W	74'
41-42	S 56°40' W	250'
42-43	S 07°00' W	636'
43-44	N 58°50' W	356'
44-45	S 04°30' E	425'
45-46	S 35°30' W	264'
46-47	N 48°10' W	250'
47-48	S 57°00' W	80'
48-49	N 14°30' W	200'
49-50	N 05°20' W	368'
50-51	N 69°30' W	62'
51-52	N 74°00' W	360'
52-53	S 55°45' W	826'
53-54	N 00°00' E	350'
54-55	N 68°30' W	520'
55-56	N 05°30' E	371'
56-57	N 85°30' E	400'
57-58	N 31°45' E	320'
58-59	N 45°00' W	525'
59-60	N 20°00' E	280'
60-61	S 41°30' E	580'
61-62	S 77°40' E	346'
62-63	N 50°00' E	154'
63-64	N 57°45' W	584'
64-65	N 13°20' W	584'
65-66	S 87°59' E	1346'
66-67	N 40°05' E	758'
67-68	S 81°15' E	245'
68-69	N 08°15' E	110'
69-70	N 21°00' W	400'
70-71	N 19°15' W	578'
71-72	S 84°21' W	525'
72-73	N 03°30' W	800'
73-74	S 03°30' W	735'
74-75	N 02°53' E	385'
75-76	N 81°00' W	653'
76-77	S 70°45' W	398'
77-78	N 12°50' E	195'
78-79	N 38°10' E	315'
79-80	N 23°40' E	157'
80-81	N 13°17' W	248'
81-82	N 42°01' E	415'
82-83	N 38°17' E	208'
83-84	N 71°40' W	601'
84-85	N 12°00' E	413'
85-86	N 24°30' W	670'
86-87	S 87°00' W	180'
87-88	S 01°30' E	890'
88-89	S 29°45' W	600'
89-90	N 52°30' W	230'
90-91	N 32°30' W	140'
91-92	S 12°00' W	575'
92-93	S 44°30' W	2065'
93-94	N 39°20' W	95'
94-95	N 76°00' W	60'
95-96	S 17°30' W	1662'
96-97	S 13°45' E	682'
97-98	S 50°41' E	725'
98-99	S 10°45' W	840'
99-100	N 74°00' W	840'
100-101		



From - To	Bearing	Distance
101-102	S 24°45' W	645'
102-103	S 64°30' E	50'
103-104	S 25°00' W	210'
104-105	S 66°20' E	445'
105-106	S 47°00' E	573'
106-107	S 36°48' W	642'
107-108	S 58°50' E	520'
108-109	N 86°00' E	390'
109-110	N 73°55' E	510'
110-111	S 43°50' W	60'
111-112	S 43°40' W	230'
112-113	S 13°20' W	163'
113-114	S 70°45' W	184'
114-115	S 11°45' E	350'
115-116	N 85°45' E	589'
116-117	S 43°15' E	346'
117-118	S 74°30' W	308'
118-119	N 15°00' W	75'
119-120	S 82°25' W	242'
120-121	S 17°45' E	165'
121-122	S 75°45' E	163'
122-123	S 15°00' E	340'
123-124	S 21°00' W	250'
124-125	S 69°00' E	228'
125-126	S 19°00' W	480'
126-127	S 43°40' W	415'
127-128	S 05°10' E	35'
128-129	S 86°55' E	120'
129-130	S 86°55' E	500'
130-131	S 09°30' W	700'
131-132	N 81°00' W	125'
132-133	N 81°00' W	165'
133-134	N 32°28' W	1125'
134-135	S 75°15' W	390'
135-136	N 14°50' W	370'
136-137	N 65°40' W	340'
137-138	N 65°40' W	180'
138-139	N 65°40' W	71'
139-140	S 10°14' E	248'
140-141	S 10°14' E	248'
141-142	N 37°45' W	72'

**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND STEAM
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED AT A MINIMUM BELOW M.N.O.L.
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND STEAM
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-32**

DETAIL MAP OF PROJECT AREA

SHEET 32 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

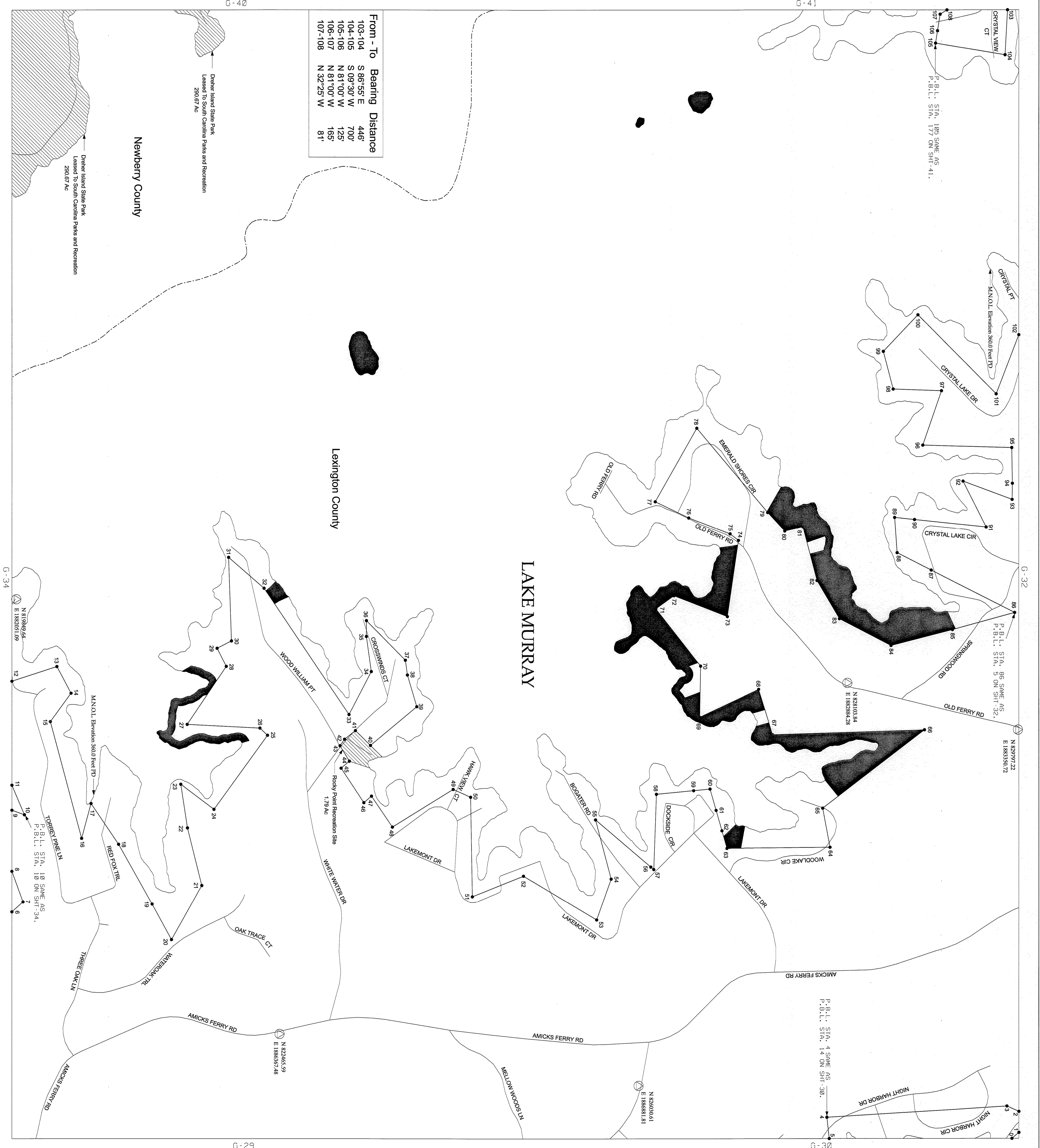
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 40°15' W	91'
2-3	S 24°15' W	131'
3-4	S 03°30' E	1790'
4-5	N 83°45' E	213'
6-7	N 42°00' W	149'
7-8	S 70°00' W	323'
9-10	N 20°00' E	132'
10-11	S 67°00' W	318'
11-12	N 18°00' W	470'
12-13	N 62°00' E	300'
13-14	N 62°00' E	380'
14-15	S 54°00' E	380'
15-16	N 75°00' W	1200'
16-17	N 75°00' W	360'
17-18	N 56°00' E	490'
18-19	N 60°44' E	681'
19-20	N 61°21' E	402'
20-21	N 60°45' W	616'
21-22	S 76°00' W	590'
22-23	S 81°15' W	439'
23-24	N 37°00' E	414'
24-25	N 54°00' W	905'
25-26	S 43°30' W	105'
26-27	S 03°00' W	724'
27-28	N 56°00' W	695'
28-29	S 63°00' W	201'
29-30	N 27°00' W	160'
30-31	S 88°00' W	829'
31-32	N 41°00' E	467'
32-33	N 56°00' E	1510'
33-34	N 62°31' W	481'
34-35	S 82°00' W	350'
35-36	S 90°00' W	157'
36-37	N 45°19' E	550'
37-38	N 82°03' E	148'
38-39	N 73°03' E	328'
39-40	S 40°01' E	801'
40-41	S 44°30' W	210'
41-42	S 38°25' E	138'
42-43	S 55°25' E	79'
43-44	N 58°45' E	179'
44-45	S 40°13' E	108'
45-46	N 56°30' E	409'
46-47	N 40°30' W	100'
47-48	N 55°30' E	370'
48-49	N 31°30' W	710'
49-50	N 24°00' E	190'
50-51	N 89°00' E	988'
51-52	N 22°00' W	548'
52-53	N 31°00' E	847'
53-54	N 70°30' W	431'
54-55	S 75°15' W	608'
55-56	N 40°30' E	721'
56-57	N 40°30' E	39'
57-58	N 87°59' W	747'
58-59	N 05°30' W	371'
59-60	N 05°30' W	163'
60-61	N 74°00' E	220'
61-62	N 74°00' E	210'
62-63	N 74°05' E	182'
63-64	N 00°30' W	1023'
64-65	S 79°25' W	395'
65-66	N 37°30' W	1274'
66-67	S 01°45' E	1510'
67-68	S 73°00' W	470'
68-69	S 25°10' E	647'
69-70	N 89°00' W	507'
70-71	S 52°00' W	720'
71-72	N 36°00' W	220'
72-73	N 21°45' E	570'
73-74	N 81°45' W	783'
74-75	S 38°02' W	105'
75-76	S 21°00' W	440'
76-77	S 26°00' W	370'
77-78	N 60°30' W	838'
78-79	N 50°00' E	1085'
79-80	N 47°15' E	250'
80-81	N 13°00' W	185'
81-82	N 75°15' E	550'
82-83	N 59°30' E	440'
83-84	N 27°30' E	577'
84-85	N 14°30' W	630'
85-86	N 15°15' W	640'
86-87	S 27°00' W	930'
87-88	S 27°00' W	380'
88-89	S 86°00' W	351'
89-90	N 06°00' E	199'
90-91	N 06°00' E	715'
91-92	S 63°15' W	510'
92-93	N 20°30' E	520'
93-94	N 89°00' W	160'
94-95	S 89°00' W	355'
95-96	S 01°39' W	884'
96-97	N 71°00' W	570'
97-98	S 02°00' W	480'
98-99	S 75°15' W	385'
99-100	N 43°30' E	500'
100-101	N 45°15' E	1103'
101-102	N 69°00' W	626'



**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAN
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT 6 SHEET G-33**

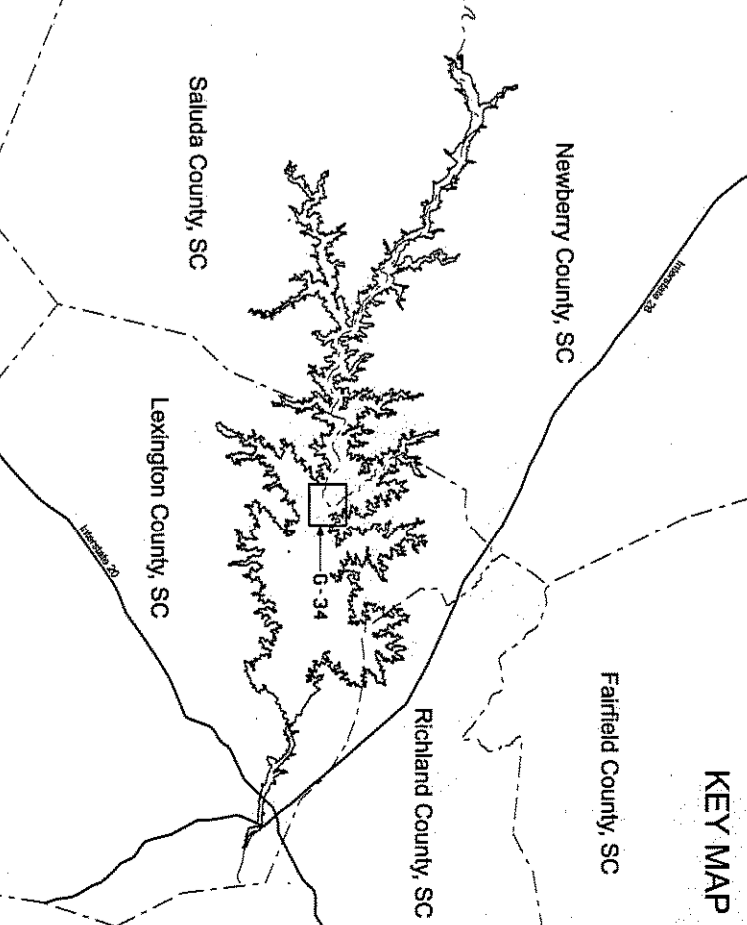
DETAIL MAP OF PROJECT AREA  
SHEET 33 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From	To	Bearing	Distance
0-1		S 55°00' W	233'
1-2		S 75°00' E	1200'
2-3		S 75°00' W	1350'
3-4		N 54°00' W	350'
4-5		S 62°00' W	300'
5-6		S 18°00' E	470'
6-7		S 00°00' E	100'
7-8		S 00°00' E	280'
8-9		N 80°00' E	720'
9-10		N 67°00' W	404'
10-11		S 20°00' W	1089'
11-12		N 70°00' E	370'
12-13		S 42°00' E	370'
13-14		S 57°00' W	642'
14-15		S 84°00' E	75'
15-16		S 54°00' E	584'
16-17		S 38°00' E	873'
17-18		S 59°00' E	705'
18-19		N 68°30' W	590'
19-20		S 09°00' W	290'
20-21		S 85°45' E	445'
21-22		S 01°00' W	849'
22-23		S 33°00' E	580'
23-24		S 19°30' E	490'
24-25		N 89°00' E	280'
25-26		N 34°30' W	580'
26-27		N 08°00' W	615'
27-28		N 49°00' E	532'
28-29		S 70°30' E	274'
29-30		S 15°45' E	274'
30-31		S 73°30' E	470'
31-32		N 18°30' E	265'
32-33		N 68°40' W	450'
33-34		N 26°30' W	520'
34-35		N 72°30' E	515'
35-36		N 67°15' W	221'
36-37		N 59°15' E	138'
37-38		N 17°45' W	710'
38-39		N 63°40' E	430'
39-40		N 63°40' E	572'
40-41		S 26°30' E	100'
41-42		S 26°30' E	345'
42-43		S 17°00' W	655'
43-44		S 30°00' E	550'
44-45		N 59°30' E	375'
45-46		N 69°02' E	384'
46-47		S 08°00' E	310'
47-48		S 28°00' W	480'
48-49		N 87°30' E	272'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - EGRENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HYDROWALK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - EGRENT RIGHTS - FLOUGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 2001 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON MGD88 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLANT DATUM (P.D.) TO NAVD 83 ON S.C.E. & G. SHEETS AND RECORDED SURVEYS AND DEEDS OR RECORDED UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND SHOWN BY GREEN DASHES.

STIPPLED/CONTINUATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD MAP SYMBOLS AND CONVENTIONS.

1. STANDARD SYMBOLS: A PROFESSIONAL, SOUTH CAROLINA PHOTOGRAMMETRIC SURVEYOR/ENGINEER HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS. THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SUPERVISION ALL WORK IS BASED ON NUMBER 2001 SOUTH CAROLINA STATE PLANE DATUM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NUMBER (FEET).

THIS DRAWING WAS ORIGINALLY ISSUED AND SEALED BY ENGINEER SHAWNEEK ENGINEERING, INC. ON FEBRUARY 11, 2009. THIS SHEET SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY ENLOW, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW OF THIS PORTION OF THE BOUNDARY IS LIMITED TO THE PORTION OF THE BOUNDARY SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS AND DEEDS OF RECORD.

*[Signature]*  
S.C. PLS. 13163

EXHIBIT G SHEET G-34

DETAIL MAP OF PROJECT AREA

SHEET 34 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

0 400 800 1,600 FEET

G-35

G-33

G-39

G-40

G-28

G-29

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 46°00' W	497'
1-2	N 71°00' E	720'
2-3	N 61°30' W	740'
3-4	N 88°45' W	99'
5-6	N 71°30' E	862'
6-7	S 40°01' E	620'
7-8	N 16°00' W	737'
8-9	N 55°45' E	464'
9-10	N 05°00' W	339'
10-11	S 40°00' E	490'
11-12	N 22°00' E	845'
12-13	N 41°30' E	120'
13-14	N 55°30' W	480'
14-15	N 89°30' E	514'
15-16	N 33°15' E	174'
16-17	S 65°00' E	540'
17-18	S 07°00' W	470'
18-19	N 77°00' E	200'
19-20	N 63°00' E	500'
20-21	S 34°00' E	1740'
21-22	N 83°35' E	276'
22-23	N 17°30' W	1090'
23-24	N 19°30' W	420'
24-25	N 03°00' E	446'
25-26	S 73°30' E	980'
26-27	N 78°30' E	373'
27-28	N 40°15' W	800'
28-29	N 42°00' W	681'
29-30	N 15°30' W	790'
30-31	S 84°45' E	770'
31-32	S 23°45' W	700'
32-33	N 89°20' E	551'
33-34	N 67°00' E	463'
34-35	N 78°30' E	1425'
35-36	N 51°05' W	6300'
36-37	N 82°30' E	800'
37-38	N 23°00' E	270'
38-39	S 87°00' E	715'
39-40	S 87°00' E	195'
40-41	N 11°30' W	812'
41-42	S 81°15' E	959'
42-43	S 89°14' E	486'
43-44	S 21°30' E	696'
44-45	N 59°00' E	405'
45-46	S 23°00' E	305'
46-47	S 69°30' W	600'
47-48	S 30°00' W	427'
48-49	S 30°58' E	426'
49-50	S 33°00' E	150'
50-51	N 88°30' E	963'
51-52	S 44°00' W	440'
52-53	N 76°15' W	190'
53-54	S 74°00' W	190'
54-55	S 23°00' E	440'
55-56	S 00°00' E	207'
56-57	S 63°00' W	541'
57-58	S 71°00' E	490'
58-59	S 42°00' W	660'
59-60	N 84°45' E	300'
60-61	N 70°00' E	526'
61-62	N 06°30' W	240'
62-63	N 87°00' E	310'
63-64	N 15°00' W	390'
64-65	S 67°00' E	430'
65-66	N 47°30' E	407'
67-68	S 15°30' W	139'
68-69	N 71°00' E	39'
70-71	S 38°36' W	659'
71-72	N 73°00' E	430'
73-74	N 88°30' W	325'
74-75	S 45°15' W	805'



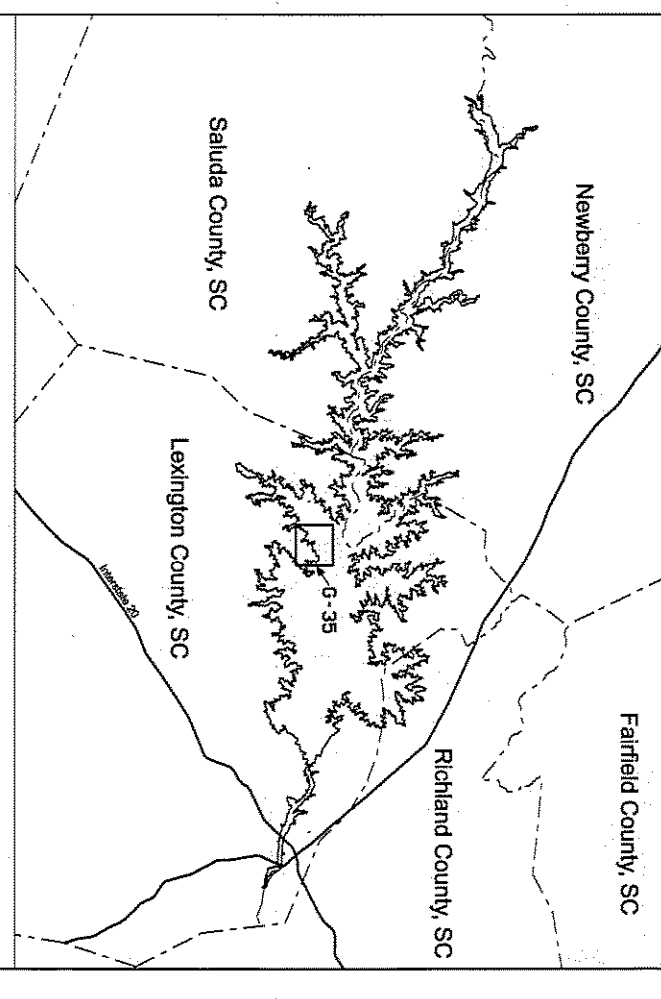
G-36

G-35

G-34

G-32

KEY MAP



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREET
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 22801 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN NAUT. DATUM (FD) TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 AND 81.5'. THE PROJECT BOUNDARY HEREIN IS NOT BEING RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY CROSS-TIES.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS. THE STATE ENGINEERING AND SURVEYING BOARD HAS REVIEWED THIS DRAWING AND HAS ISSUED A CERTIFIED DOCUMENT.

1. GRADING CONTRACTOR, A PROFESSIONAL SOUTH CAROLINA ENGINEER, SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL ROADWAYS AND UTILITIES SHOWN HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES OF THE STATE OF SOUTH CAROLINA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES OF THE STATE OF SOUTH CAROLINA.

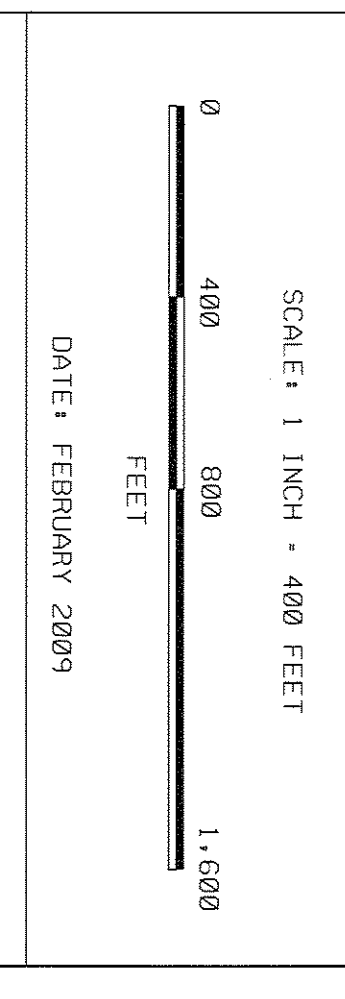
THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY THE ENGINEER AND SURVEYOR AND IS VALID FOR THE PROJECT AND SITE SHOWN HEREIN. ANY CHANGES TO THIS DOCUMENT SHALL BE MADE BY THE ENGINEER AND SURVEYOR AND SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE: FEBRUARY 2009

S.C. REG. 13163

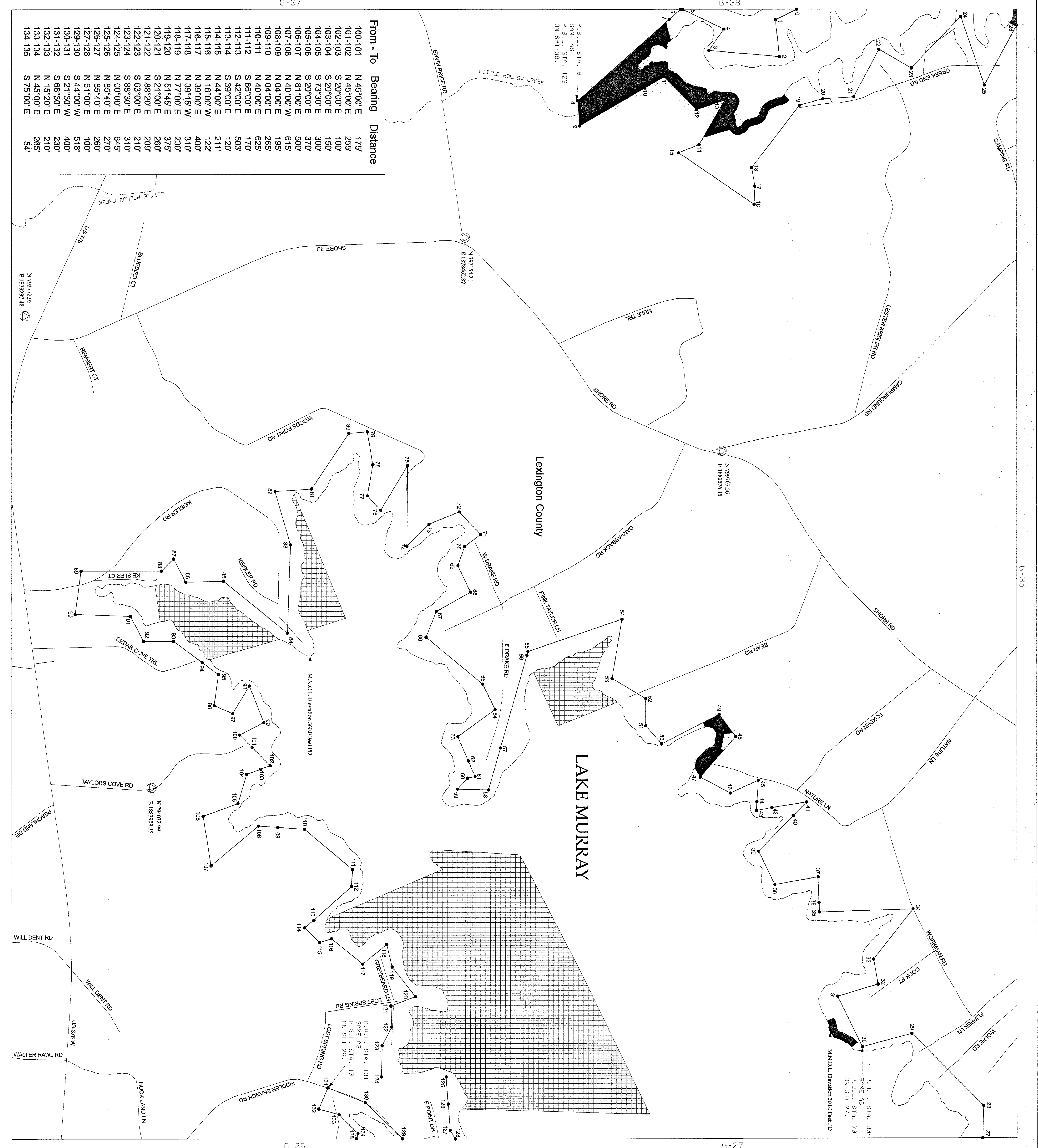
EXHIBIT G SHEET G-35

DETAIL MAP OF PROJECT AREA  
SHEET 35 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 28°30' E	234'
1-2	N 84°00' E	367'
2-3	S 05°10' W	705'
3-4	N 54°28' W	259'
4-5	S 25°30' W	453'
5-6	S 41°15' E	149'
6-7	S 41°30' E	1215'
7-8	N 85°30' E	250'
8-9	N 30°00' W	750'
9-10	N 30°00' W	220'
10-11	N 30°00' W	220'
11-12	N 45°15' E	489'
12-13	N 18°45' W	295'
13-14	S 60°00' E	510'
14-15	S 21°30' E	220'
15-16	N 34°15' E	910'
16-17	N 87°43' W	178'
17-18	N 52°30' W	188'
18-19	N 18°30' W	780'
19-20	N 18°30' W	240'
20-21	N 03°30' W	310'
21-22	N 62°00' W	534'
22-23	N 30°00' E	370'
23-24	N 46°00' W	710'
24-25	N 71°00' E	720'
25-26	N 61°30' W	674'
26-27	N 88°30' W	321'
27-28	S 45°15' W	1012'
28-29	S 18°00' E	510'
29-30	S 18°00' E	560'
30-31	N 16°30' W	420'
31-32	S 80°00' W	253'
32-33	N 51°47' W	633'
33-34	S 01°45' E	932'
34-35	S 88°00' W	95'
35-36	S 88°00' W	257'
36-37	S 10°00' E	438'
37-38	S 64°28' W	370'
38-39	N 45°40' W	492'
39-40	N 45°40' W	190'
40-41	S 09°00' E	350'
41-42	S 10°45' E	155'
42-43	N 87°30' W	88'
43-44	N 88°00' W	212'
44-45	S 24°00' E	306'
45-46	S 28°00' W	339'
46-47	N 48°30' W	535'
47-48	S 53°00' W	275'
48-49	S 27°00' E	640'
49-50	S 48°00' W	240'
50-51	S 90°00' W	270'
51-52	S 31°00' W	390'
52-53	N 80°30' W	595'
53-54	S 18°49' E	987'
54-55	S 74°00' E	40'
55-56	S 74°00' E	955'
56-57	S 01°05' W	430'
57-58	S 01°05' W	310'
58-59	N 47°00' W	150'
59-60	N 12°00' W	75'
60-61	S 66°30' W	170'
61-62	S 66°30' W	260'
62-63	N 36°00' W	480'
63-64	S 63°30' W	280'
64-65	S 39°30' W	730'
65-66	N 68°00' W	275'
66-67	N 29°15' W	390'
67-68	S 64°20' W	290'
68-69	N 70°30' W	200'
69-70	N 37°00' W	200'
70-71	S 46°30' W	310'
71-72	S 22°00' E	325'
72-73	S 45°00' E	310'
73-74	S 89°30' W	800'
74-75	S 59°00' E	520'
75-76	S 47°30' W	195'
76-77	N 80°00' W	315'
77-78	S 04°50' W	185'
78-79	S 04°50' E	668'
79-80	S 04°00' E	365'
80-81	N 04°00' E	551'
81-82	N 73°45' E	875'
82-83	S 88°00' E	820'
83-84	S 39°00' W	375'
84-85	S 01°30' W	260'
85-86	S 62°00' W	170'
86-87	S 45°00' E	800'
87-88	S 00°00' E	430'
88-89	S 02°15' E	550'
89-90	N 02°15' E	280'
90-91	N 62°15' E	300'
91-92	N 00°00' W	353'
92-93	N 36°22' E	200'
93-94	N 36°22' E	310'
94-95	S 82°00' E	200'
95-96	N 23°00' E	320'
96-97	N 58°30' W	390'
97-98	N 65°30' E	270'
98-99	S 27°00' E	
99-100		



**KEY MAP**

**LEGEND**

- ROLLROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HYDRAK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. ABOVE M.N.O.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-36**

DETAIL MAP OF PROJECT AREA

SHEET 36 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

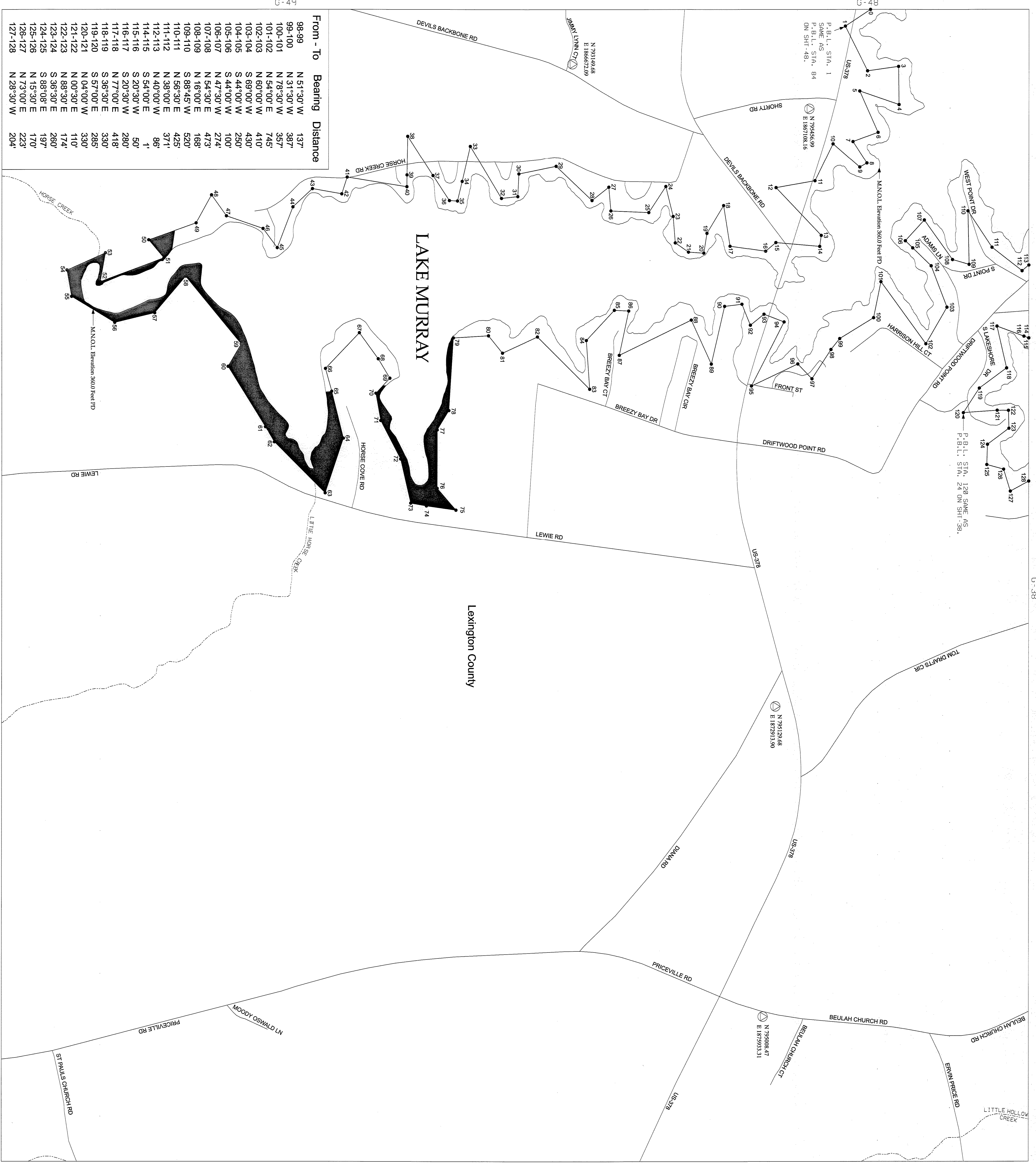
DATE: FEBRUARY 2009

1: GARY SENKELA, A PROFESSIONAL SURVEYOR, HAS REVIEWED THIS PROJECT AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE NATIONAL MAP REVISION ACT AND THE SOUTH CAROLINA PROFESSIONAL SURVEYOR ACT. HE HAS REVIEWED THIS PROJECT AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE NATIONAL MAP REVISION ACT AND THE SOUTH CAROLINA PROFESSIONAL SURVEYOR ACT. HE HAS REVIEWED THIS PROJECT AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE NATIONAL MAP REVISION ACT AND THE SOUTH CAROLINA PROFESSIONAL SURVEYOR ACT.

S.C. FILE # 19109

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	S 33°30' E	294'
1-2	N 63°30' E	485'
2-3	N 08°00' W	305'
3-4	N 89°15' E	370'
4-5	S 19°00' W	405'
5-6	N 66°00' E	440'
6-7	S 20°00' E	250'
7-8	N 57°00' E	80'
8-9	S 29°30' E	345'
9-10	S 41°00' W	400'
10-11	S 64°00' E	385'
11-12	S 10°00' E	640'
12-13	N 48°30' E	640'
13-14	S 02°00' E	108'
14-15	S 05°00' W	429'
15-16	S 40°00' E	130'
16-17	S 08°00' W	350'
17-18	S 80°59' W	400'
18-19	S 59°00' E	315'
19-20	S 81°00' E	195'
20-21	S 04°00' W	150'
21-22	S 35°30' W	157'
22-23	S 85°30' W	257'
23-24	S 76°10' W	300'
24-25	S 56°45' E	303'
25-26	S 02°30' W	369'
26-27	S 85°00' W	232'
27-28	S 38°20' E	208'
28-29	S 43°30' W	482'
29-30	S 11°30' E	370'
30-31	S 07°20' E	220'
31-32	S 06°30' E	160'
32-33	S 59°00' W	590'
33-34	S 77°00' E	350'
34-35	S 76°30' E	196'
35-36	S 03°00' W	79'
36-37	S 56°30' W	290'
37-38	S 57°10' W	455'
38-39	S 89°00' E	376'
39-40	S 89°30' E	114'
40-41	S 09°00' W	589'
41-42	S 72°00' E	171'
42-43	S 10°00' W	290'
43-44	S 43°00' E	260'
44-45	S 69°00' E	425'
45-46	S 53°29' W	233'
46-47	S 19°00' W	378'
47-48	S 54°30' W	230'
48-49	S 61°00' E	310'
49-50	S 19°30' E	490'
50-51	N 50°00' E	230'
51-52	S 20°30' E	660'
52-53	N 80°00' W	285'
53-54	S 24°00' W	410'
54-55	N 80°00' E	260'
55-56	N 31°00' E	490'
56-57	N 13°30' W	400'
57-58	N 49°30' W	465'
58-59	N 50°30' E	850'
59-60	S 59°45' E	253'
60-61	N 58°15' E	692'
61-62	N 59°00' E	170'
62-63	N 45°00' E	700'
63-64	N 71°30' W	580'
64-65	S 76°00' W	470'
65-66	S 74°30' W	230'
66-67	N 54°00' W	313'
67-68	N 46°30' E	480'
68-69	N 59°00' E	220'
69-70	S 47°00' E	200'
70-71	N 80°00' E	270'
71-72	N 62°30' E	420'
72-73	N 77°00' E	440'
73-74	N 10°00' E	183'
74-75	N 08°00' E	190'
75-76	S 49°30' W	280'
76-77	N 59°00' W	565'
77-78	N 59°00' W	220'
78-79	N 86°30' W	709'
79-80	N 03°30' W	342'
80-81	N 51°00' E	217'
81-82	N 25°00' W	375'
82-83	S 86°00' W	475'
83-84	S 86°00' W	475'
84-85	N 47°00' W	140'
85-86	N 03°00' E	440'
86-87	S 77°57' E	780'
87-88	N 26°00' W	470'
88-89	N 65°30' E	575'
89-90	N 77°00' W	170'
90-91	N 07°00' W	170'
91-92	N 68°00' W	220'
92-93	N 39°00' W	170'
93-94	S 63°00' E	210'
94-95	S 63°00' E	700'
95-96	N 25°30' W	500'
96-97	N 46°30' E	200'
97-98	N 57°00' W	340'



G-49

From - To	Bearing	Distance
98-99	N 51°30' W	137'
99-100	N 31°30' W	387'
100-101	N 78°30' W	357'
101-102	N 54°00' E	745'
102-103	N 60°00' W	410'
103-104	S 69°00' W	430'
104-105	S 44°00' W	280'
105-106	S 44°00' W	100'
106-107	N 47°30' W	274'
107-108	N 54°30' E	473'
108-109	N 16°00' E	168'
109-110	S 88°45' W	520'
110-111	N 56°30' E	425'
111-112	N 38°00' E	371'
112-113	N 40°00' W	86'
114-115	S 54°00' E	1'
115-116	S 20°30' W	50'
116-117	S 20°30' W	280'
117-118	N 77°00' E	418'
118-119	S 36°30' E	330'
119-120	S 57°00' E	285'
120-121	N 04°00' W	330'
121-122	N 00°30' E	110'
122-123	N 88°30' E	174'
123-124	S 86°30' E	280'
124-125	S 88°08' E	197'
125-126	N 15°30' E	170'
126-127	N 73°00' E	223'
127-128	N 28°30' W	204'

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAN
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**KEY MAP**

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE WIDE COORDINATE SYSTEM NUMBER 22001 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NUMBER (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 PLANT DATUM, ADD 1.00 FEET. TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 PLANT DATUM, ADD 1.00 FEET. TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 PLANT DATUM, ADD 1.00 FEET. TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 PLANT DATUM, ADD 1.00 FEET.

RECORD UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE TO BE MAINTAINED AT THE ELEVATION SHOWN ON THE DRAWINGS.

STREAN/COMPENSATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD SPECIFICATIONS FOR STREAN/COMPENSATION SHALL BE USED. A SCALE APPROXIMATELY 1 INCH = 60 FEET.

1. STREAN/COMPENSATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD SPECIFICATIONS FOR STREAN/COMPENSATION SHALL BE USED. A SCALE APPROXIMATELY 1 INCH = 60 FEET.

PHOTOGRAMMETRIC SURVEYING METHODS HAVE BEEN USED TO OBTAIN THE DATA FOR THIS PROJECT. THE PLANIMETRIC AND CONTOUR DATA ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE DATA WAS CHECKED BY THE SURVEYING ENGINEER AND IS ACCURATE TO THE DEGREE SHOWN ON THE DRAWINGS. THE DATA WAS CHECKED BY THE SURVEYING ENGINEER AND IS ACCURATE TO THE DEGREE SHOWN ON THE DRAWINGS.

ALL WORK IS BASED ON NUMBER 22001 SOUTH CAROLINA STATE PLANT DATUM. THE DATA WAS CHECKED BY THE SURVEYING ENGINEER AND IS ACCURATE TO THE DEGREE SHOWN ON THE DRAWINGS.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SURVEYING ENGINEER AND IS VALID FOR THE STATE OF SOUTH CAROLINA. A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAND SURVEY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEYING ENGINEER'S REVIEW IS LIMITED TO THE PORTION OF THE PROJECT BOUNDARY SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP ARE BASED ON S.C.E. & G. SURVEYS AND ARE NOT TO BE CONSIDERED A CERTIFIED DOCUMENT.

*Henry G. Hester, Jr.*  
S.C. No. 15169

EXHIBIT G SHEET G-37

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

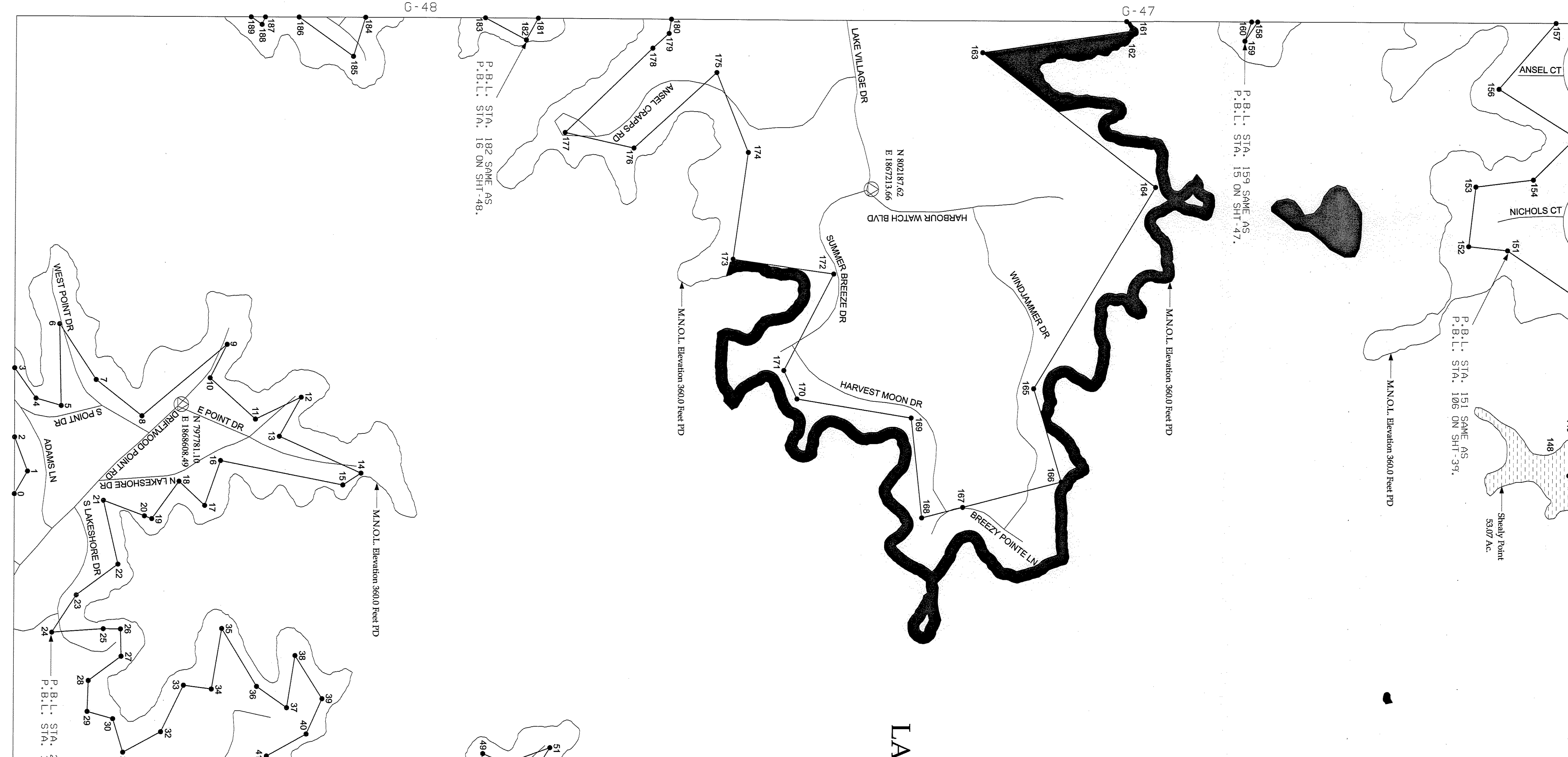
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line Traverse

Table with 3 columns: From - To, Bearing, Distance. Lists traverse points from 0-1 to 279 with bearings and distances.

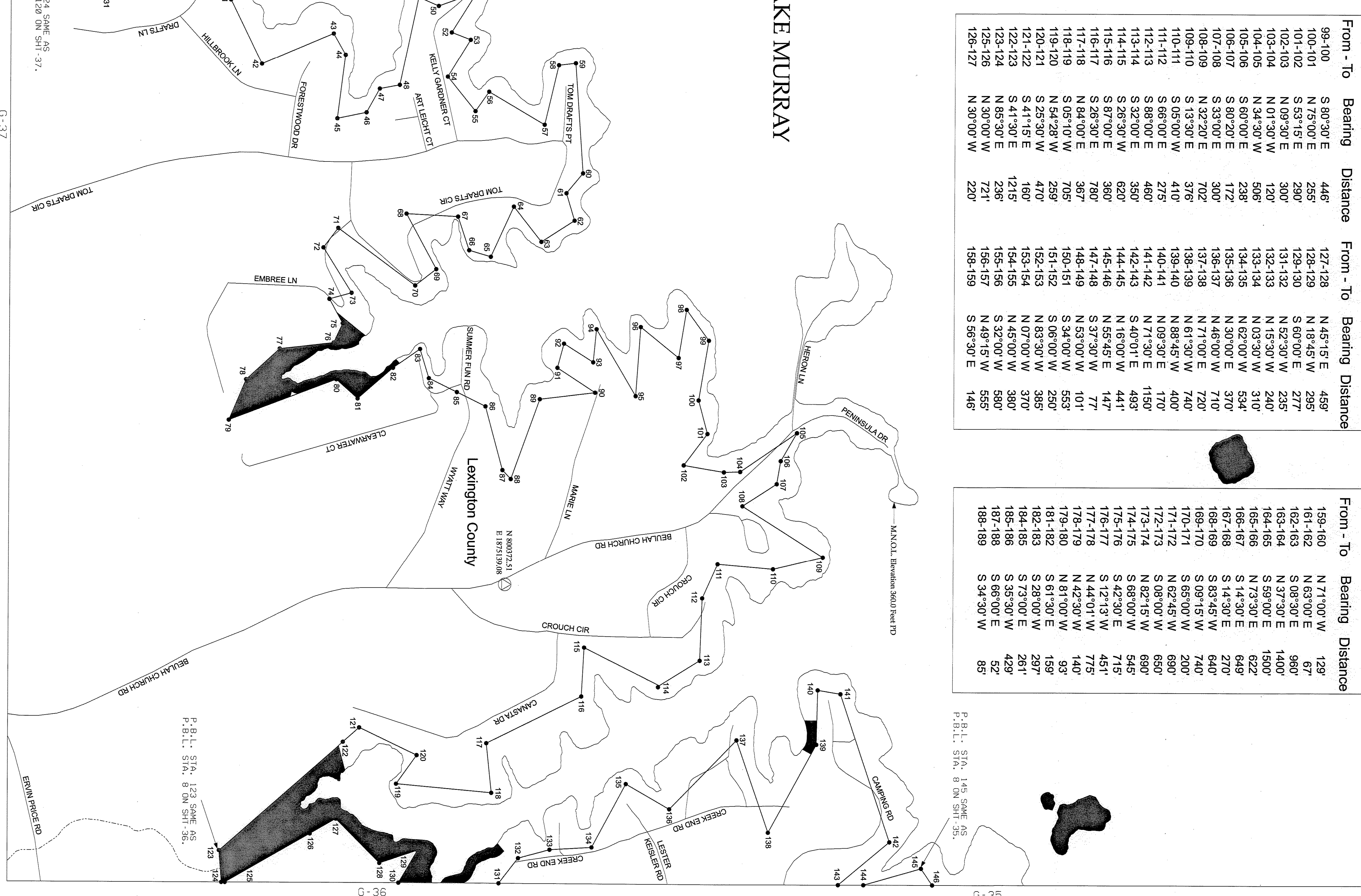


From - To

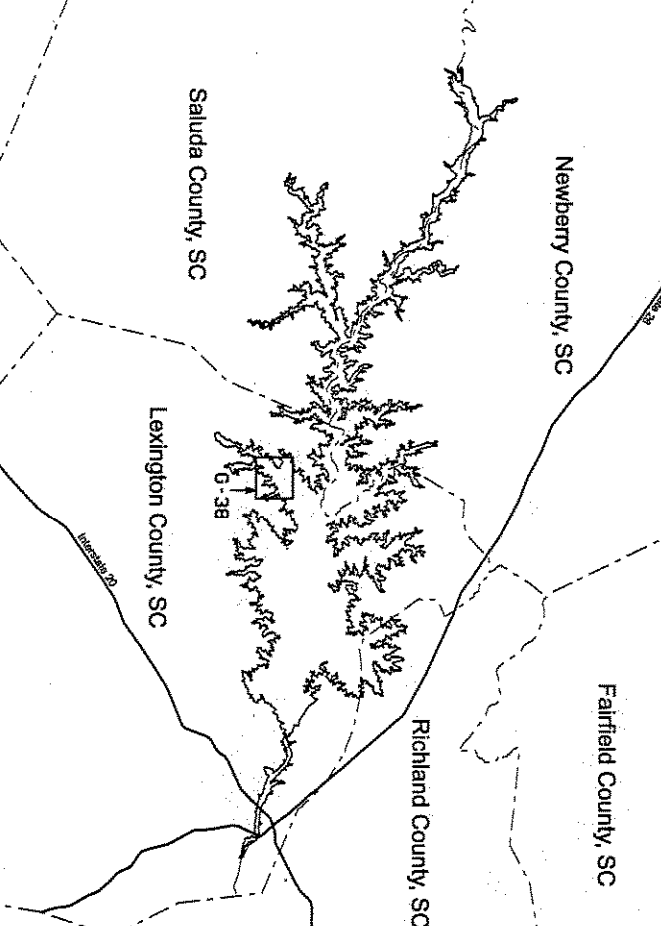
Table with 3 columns: From - To, Bearing, Distance. Lists traverse points from 99-100 to 220.

From - To

Table with 3 columns: From - To, Bearing, Distance. Lists traverse points from 159-160 to 85.



KEY MAP



- LEGEND: Symbols for State Right-of-Way, Project Boundary Line, Stream, Road, F.P.P. Line, Transmission Line, Maximum Normal Operating Level (M.N.O.L.), and Property Boundaries.

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (UNDER/2011) INTERNATIONAL FOOT... ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD)...

EXHIBIT G SHEET 38 OF 77 SALLUDA HYDROELECTRIC PROJECT NO. 516 SOUTH CAROLINA ELECTRIC & GAS COMPANY SCALE: 1 INCH = 400 FEET DATE: FEBRUARY 2009

Professional Engineer Seal for S.C. P.L.N. 13163, signed by Mark G. Gable.

G-37

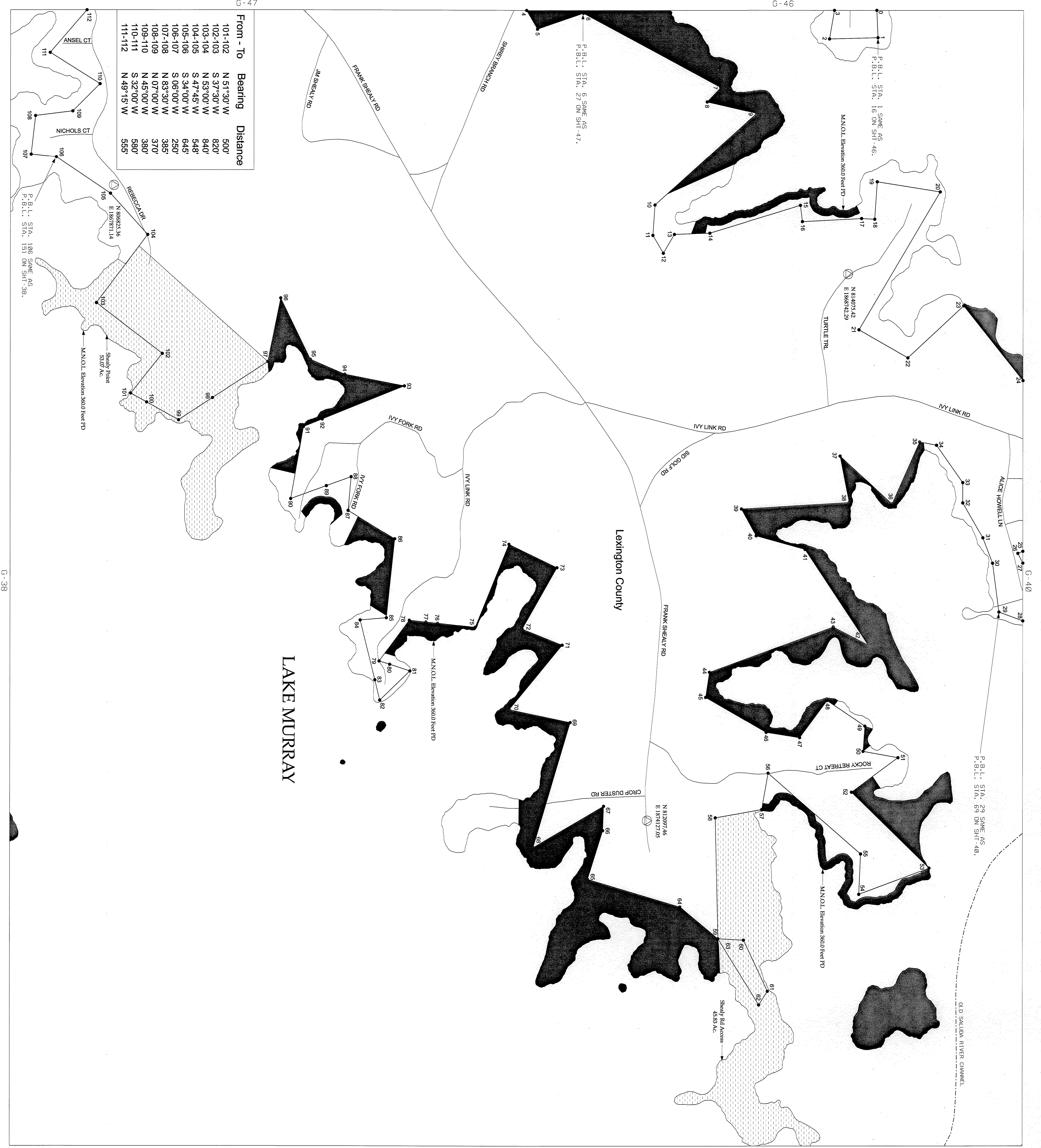
G-38

G-39



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 87°30' E	270'
1-2	S 01°30' E	479'
2-3	N 80°15' W	286'
4-5	N 60°00' E	214'
5-6	N 19°00' W	480'
6-7	N 28°20' E	1539'
7-8	S 47°00' E	195'
8-9	N 13°00' E	500'
9-10	S 42°09' E	1350'
10-11	S 86°09' E	300'
11-12	N 59°38' E	204'
12-13	N 59°32' W	215'
13-14	N 02°00' W	350'
14-15	N 17°00' W	935'
15-16	N 83°00' E	162'
16-17	N 03°00' W	585'
17-18	N 03°00' E	130'
18-19	N 88°15' W	370'
19-20	N 09°00' W	630'
20-21	S 59°30' E	1576'
21-22	N 29°45' E	557'
22-23	N 43°00' W	753'
23-24	N 51°30' E	942'
25-26	S 22°05' E	53'
26-27	N 63°00' E	109'
28-29	S 20°23' W	251'
29-30	S 82°28' W	486'
30-31	S 69°05' W	269'
31-32	S 60°12' W	400'
32-33	S 89°27' W	200'
33-34	S 34°51' W	451'
34-35	S 10°57' W	170'
35-36	S 66°00' E	668'
36-37	S 42°30' W	668'
37-38	N 73°50' E	465'
38-39	S 03°30' E	1065'
39-40	N 61°30' E	305'
40-41	N 15°30' E	500'
41-42	N 58°30' E	1126'
42-43	S 27°00' W	384'
43-44	S 20°00' E	1300'
44-45	S 81°30' E	250'
45-46	N 30°00' E	690'
46-47	N 09°00' E	335'
47-48	N 53°30' W	455'
48-49	N 34°00' E	450'
49-50	S 88°00' E	250'
50-51	N 10°15' E	330'
51-52	S 36°30' E	570'
52-53	N 44°15' E	1070'
53-54	S 20°30' E	740'
54-55	N 87°30' W	398'
55-56	S 41°00' W	1211'
56-57	S 80°00' E	364'
57-58	S 10°00' E	465'
58-59	N 88°39' E	1193'
59-60	N 03°12' E	232'
60-61	N 65°00' E	560'
61-62	S 57°30' E	160'
62-63	S 58°30' W	770'
63-64	S 39°54' W	492'
64-65	S 16°45' W	950'
65-66	N 72°45' W	500'
66-67	N 88°00' W	240'
67-68	S 30°15' E	805'
68-69	N 73°30' W	1283'
69-70	S 12°00' W	615'
70-71	N 50°30' W	820'
71-72	S 22°00' W	425'
72-73	N 60°30' W	695'
73-74	S 26°00' W	528'
74-75	S 68°00' E	885'
75-76	S 08°00' W	375'
76-77	S 06°00' W	115'
77-78	S 06°00' W	165'
78-79	S 53°30' E	501'
79-80	N 17°00' E	109'
80-81	N 18°00' E	210'
81-82	S 44°00' E	414'
82-83	S 76°30' W	206'
83-84	S 76°30' W	605'
84-85	N 05°00' W	280'
85-86	N 84°00' W	785'
86-87	S 31°15' W	539'
87-88	N 85°00' W	335'
88-89	N 85°00' W	335'
89-90	S 20°00' E	375'
90-91	N 80°00' W	720'
91-92	N 22°00' W	200'
92-93	N 22°00' W	875'
93-94	S 11°00' W	600'
94-95	S 23°15' W	670'
95-96	S 64°00' W	670'
96-97	S 78°30' E	638'
97-98	S 33°00' E	651'
98-99	S 33°00' E	400'
99-100	S 29°00' W	360'
100-101	S 29°00' W	180'



From - To	Bearing	Distance
101-102	N 51°30' W	500'
102-103	S 37°30' W	820'
103-104	N 17°00' E	109'
104-105	S 47°45' W	840'
105-106	S 34°00' W	548'
106-107	S 06°00' W	280'
107-108	N 83°30' W	385'
108-109	N 07°00' W	370'
109-110	N 45°00' W	380'
110-111	S 32°00' W	580'
111-112	N 49°15' W	555'

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND TIDEWATER
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**KEY MAP**

1. GRADING, REMOVAL OF EXISTING OBSTACLES, AND CONSTRUCTION OF A PROPOSED PROJECT BOUNDARY LINE SHALL BE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION ACT OF 1992. THE NATIONAL MAP PRODUCTION ACT IS A FEDERAL LAW THAT REQUIRES THE USE OF PHOTOGRAMMETRIC METHODS UNDER STRICT SUPERVISION. ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

2. THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE ENGINEER ON FEBRUARY 2009. ANY CHANGES TO THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

3. I, GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA R.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT I HAVE REVIEWED IS THE PROPERTY BOUNDARY LINES THAT ARE THE RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER STRICT SUPERVISION. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THE ACCURACY OF THE BOUNDARY LINES SHOWN ON THIS MAP.

4. I, GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA R.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT I HAVE REVIEWED IS THE PROPERTY BOUNDARY LINES THAT ARE THE RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER STRICT SUPERVISION. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THE ACCURACY OF THE BOUNDARY LINES SHOWN ON THIS MAP.

5. I, GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA R.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT I HAVE REVIEWED IS THE PROPERTY BOUNDARY LINES THAT ARE THE RESULT OF THE PHOTOGRAMMETRIC METHODS UNDER STRICT SUPERVISION. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THE ACCURACY OF THE BOUNDARY LINES SHOWN ON THIS MAP.

**EXHIBIT G SHEET G-39**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

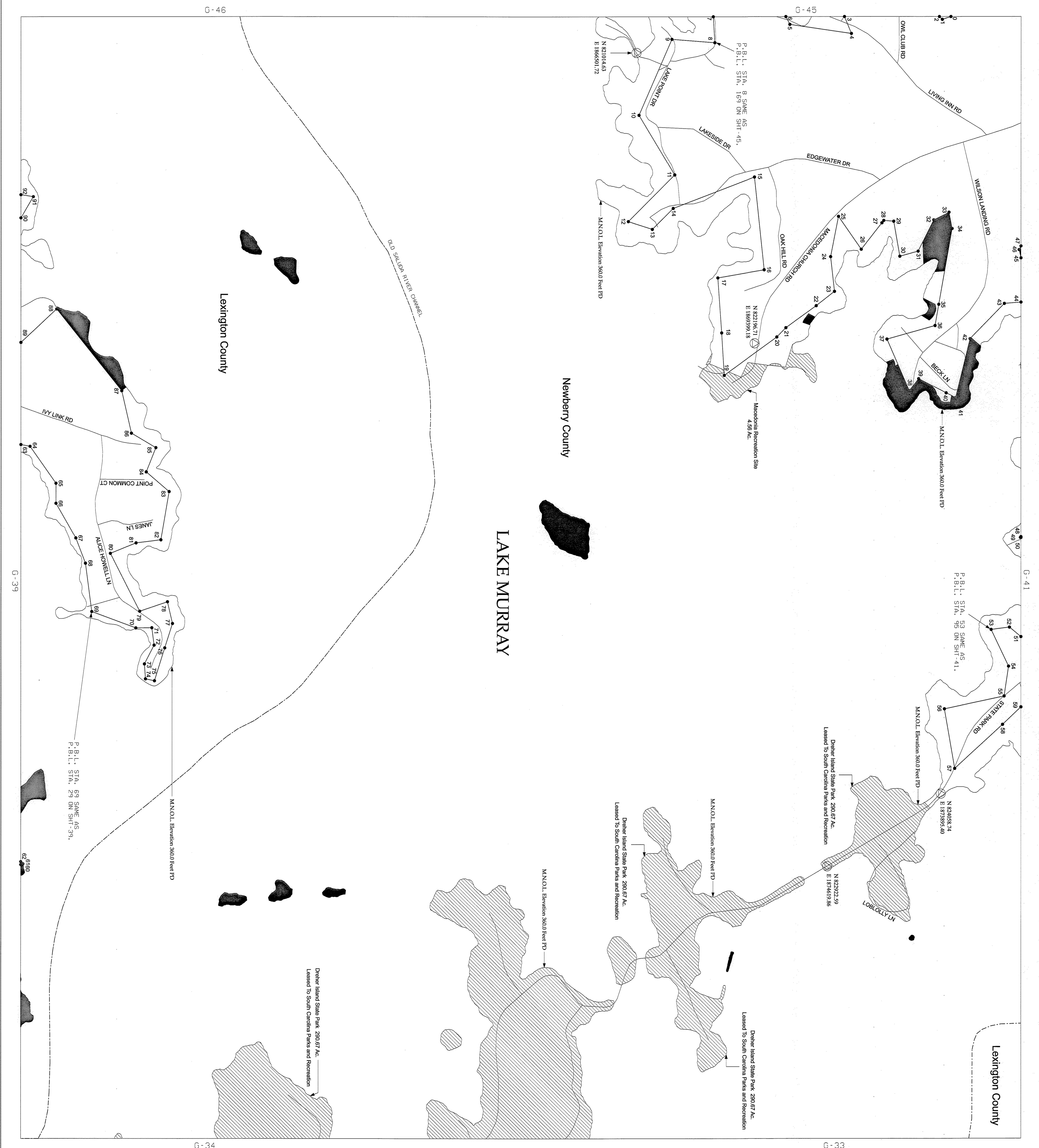
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

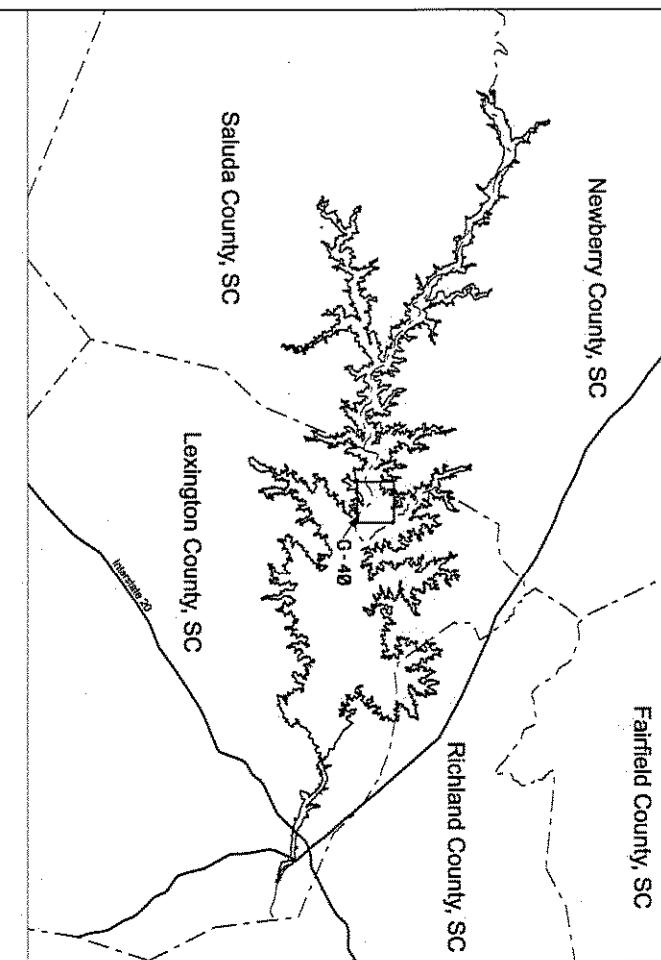
DATE: FEBRUARY 2009

Project Boundary Line Traverse

Table with 3 columns: From - To, Bearing, Distance. Lists traverse points 0-1 through 91-92 with bearings and distances.



KEY MAP



LEGEND

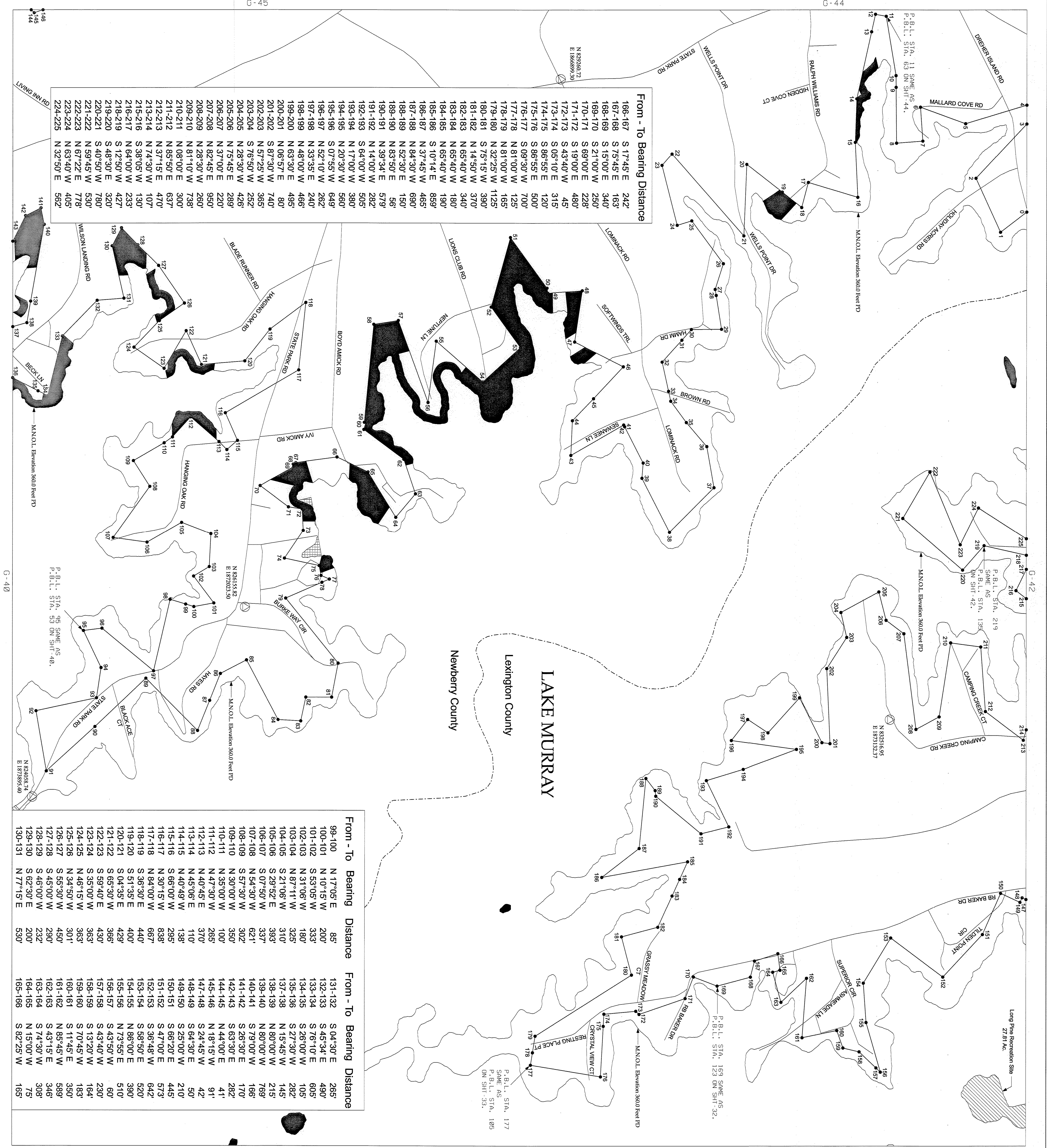
- Legend items: Hatched area for RAILROAD, Dashed line for PIPELINE, Solid line for TRANSMISSION LINE, Solid line for ROAD, Solid line for PROJECT BOUNDARY LINE, Solid line for MAXIMUM MINOR OPERATING LEVEL (M.N.O.L.), Dotted line for STREAM, Dashed line for COUNTY BOUNDARY, Dotted line for EMBANKMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HYDRAK, Solid line for PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L., Solid line for PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L., Solid line for PROPERTY OWNED IN FEE BY S.C.E. & G. ABOVE P.B.L., Hatched area for PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS, Dotted area for PROPOSED FUTURE RECREATION AREAS.

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE IN AIDE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET). ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD). TO CONVERT FROM S.C.E. & G. PLAIN DATUM (PD) TO NAVD83 (FEET), ADD 1.48 FEET TO ALL ELEVATIONS. THIS PROJECT IS BASED ON THE LATEST RECORD SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT SITE, S.C.E. & G. AND MARKED BY ORBITS, ARE PROVIDED BY STATEMENTS OF FACT AND RECORDED IN THE PUBLIC RECORDS OF THE STATE OF SOUTH CAROLINA. THIS PROJECT BOUNDARY LINE IS BASED ON THE LATEST RECORD SURVEYS AND DEEDS OF RECORD. THIS PROJECT WAS ORIGINALLY DESIGNED AND DRAWN BY GRAND SENNALEC, L.P., ENGINEER, ON JULY 2, 2008. THIS DESIGN SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT. 1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND SPONSORED FLOWAGE EMBANKMENT RIGHTS. HIS REVIEW AND SIGNATURE IS LIMITED TO THE PROJECT BOUNDARY LINE AND SPONSORED FLOWAGE EMBANKMENT RIGHTS. HE HAS NOT REVIEWED THE PROJECT BOUNDARY LINE OR THE RECORDS OF THE PROJECT BOUNDARY LINE. HIS REVIEW AND SIGNATURE IS LIMITED TO THE PROJECT BOUNDARY LINE AND SPONSORED FLOWAGE EMBANKMENT RIGHTS. HE HAS NOT REVIEWED THE PROJECT BOUNDARY LINE OR THE RECORDS OF THE PROJECT BOUNDARY LINE. HIS REVIEW AND SIGNATURE IS LIMITED TO THE PROJECT BOUNDARY LINE AND SPONSORED FLOWAGE EMBANKMENT RIGHTS. HE HAS NOT REVIEWED THE PROJECT BOUNDARY LINE OR THE RECORDS OF THE PROJECT BOUNDARY LINE.

EXHIBIT G SHEET G-40  
DETAIL MAP OF PROJECT AREA  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY  
SCALE: 1 INCH = 400 FEET  
DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 37°30' E	326
1-2	S 65°30' W	585
2-3	N 47°00' W	735
4-5	S 16°45' E	630
5-6	S 20°00' W	474
6-7	N 86°00' E	335
7-8	S 04°30' E	260
8-9	S 89°30' W	550
9-10	S 89°30' W	115
10-11	S 80°30' W	592
11-12	S 10°30' W	108
12-13	S 77°35' E	176
13-14	S 77°35' E	675
14-15	S 88°05' E	430
15-16	N 87°20' E	545
16-17	S 16°45' W	510
17-18	S 75°15' E	256
18-19	S 38°30' W	244
19-20	S 38°30' W	444
20-21	S 87°41' E	705
21-22	S 48°45' W	1075
22-23	S 48°45' E	150
23-24	N 75°45' E	610
24-25	N 17°00' W	150
25-26	N 53°30' E	525
26-27	N 80°00' E	265
27-28	N 80°00' E	60
28-29	N 81°00' E	336
29-30	S 00°30' E	298
30-31	S 48°30' E	141
31-32	S 48°00' E	290
32-33	N 77°30' E	295
33-34	N 77°30' E	100
34-35	N 53°45' E	260
35-36	N 49°15' E	310
36-37	N 80°00' E	410
37-38	S 45°15' E	622
38-39	S 63°00' W	600
39-40	N 85°30' W	150
40-41	S 62°45' W	400
41-42	S 62°45' W	20
42-43	S 29°45' E	600
43-44	N 87°30' W	340
44-45	N 48°00' W	300
45-46	N 47°00' W	430
46-47	S 27°00' W	539
47-48	N 81°30' W	509
48-49	S 03°55' E	340
49-50	S 80°30' W	50
50-51	S 54°00' W	615
51-52	S 74°30' E	710
52-53	N 54°00' E	492
53-54	S 42°30' E	600
54-55	S 41°00' W	510
55-56	S 82°30' E	610
56-57	S 70°00' W	860
57-58	S 09°00' E	245
58-59	S 84°30' E	970
59-60	N 08°28' W	15
60-61	S 75°20' E	75
61-62	N 36°20' E	490
62-63	N 71°15' E	360
63-64	S 50°10' E	303
64-65	S 58°35' W	525
65-66	S 25°25' W	340
66-67	S 07°40' E	410
67-68	S 29°30' E	30
68-69	N 79°00' E	25
69-70	S 29°40' E	380
70-71	N 37°00' E	350
71-72	N 09°00' E	137
72-73	N 87°00' E	212
73-74	S 55°55' E	330
74-75	N 12°05' E	350
75-76	N 79°00' E	99
76-77	N 23°30' E	90
77-78	S 23°30' E	80
78-79	S 23°30' E	825
79-80	N 51°05' E	395
80-81	S 79°15' E	340
81-82	S 90°00' W	235
82-83	S 78°00' W	240
83-84	S 03°15' W	225
84-85	S 62°05' W	665
85-86	S 27°25' E	290
86-87	S 68°10' E	285
87-88	S 68°10' E	320
88-89	S 45°15' W	725
89-90	S 44°00' E	692
90-91	S 42°35' E	605
91-92	S 80°15' W	605
92-93	N 12°05' W	610
93-94	N 81°30' W	300
94-95	S 64°35' W	405
95-96	N 07°10' W	184
96-97	N 39°35' E	661
97-98	N 77°00' W	725
98-99	N 17°05' E	160



**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - PROPOSED FUTURE RECREATION AREAS

**DETAIL MAP OF PROJECT AREA**

SHEET 41 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

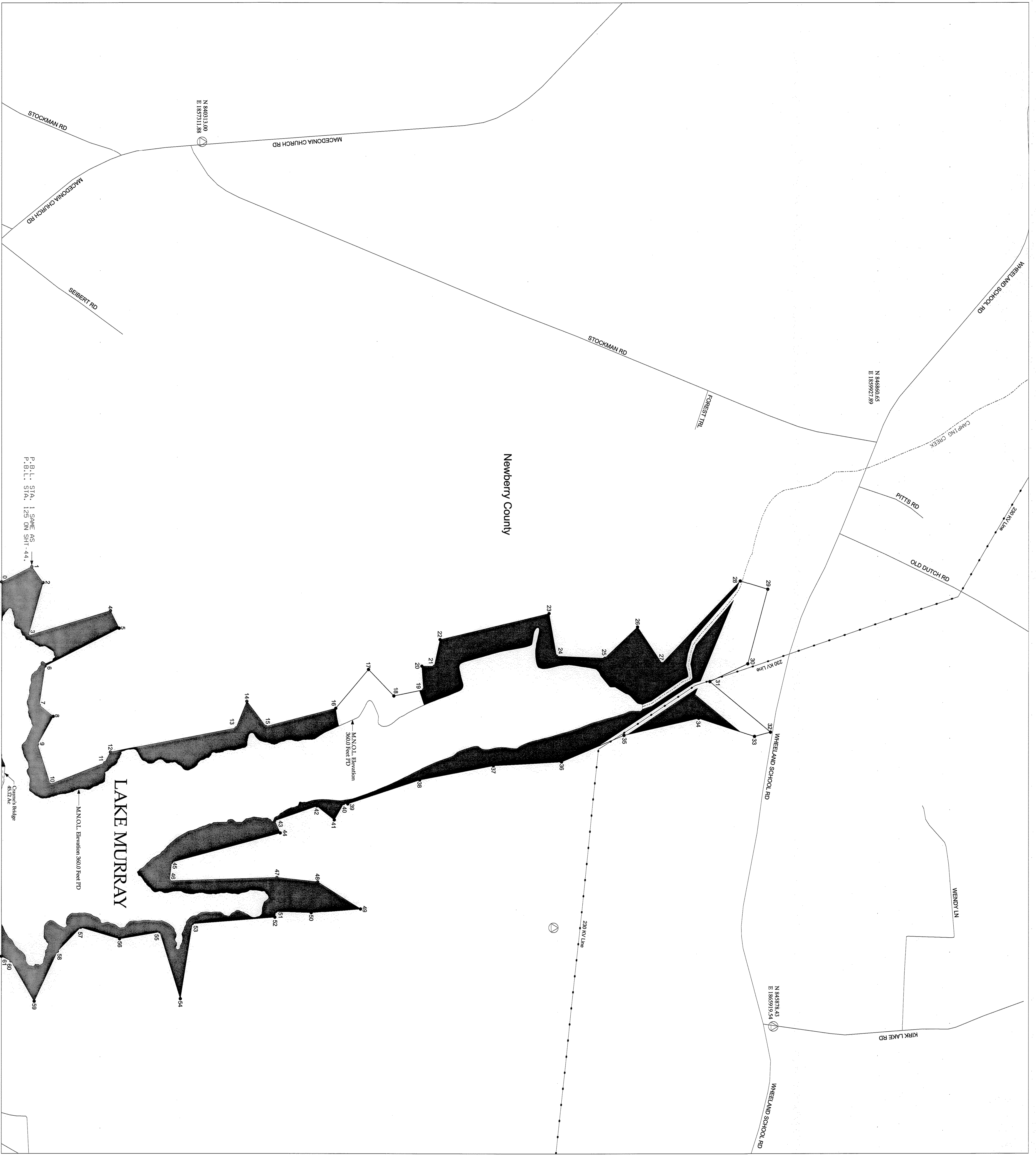
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**EXHIBIT G SHEET G-41**



From - To	Bearing	Distance
0-1	N 26°40' W	328'
1-2	N 54°45' E	190'
2-3	S 74°30' E	535'
3-4	N 16°50' W	835'
4-5	N 63°30' E	190'
5-6	S 27°00' E	810'
6-7	S 81°45' E	380'
7-8	N 39°30' E	175'
8-9	S 60°40' E	310'
9-10	N 72°30' E	410'
10-11	N 21°30' W	570'
11-12	N 62°10' W	120'
12-13	N 10°45' W	1285'
13-14	N 68°00' W	280'
14-15	N 52°45' E	307'
15-16	N 14°30' W	703'
16-17	N 49°45' W	493'
17-18	N 46°00' E	355'
18-19	N 11°40' W	295'
19-20	S 88°00' W	230'
20-21	N 00°00' E	120'
21-22	N 77°30' W	285'
22-23	N 13°30' W	1090'
23-24	N 80°00' E	420'
24-25	N 02°30' E	470'
25-26	N 43°30' W	440'
26-27	N 56°15' E	428'
27-28	N 46°30' W	1107'
28-29	N 17°00' E	280'
29-30	S 75°00' E	780'
30-31	S 25°00' E	407'
31-32	N 39°45' E	768'
32-33	S 15°00' E	161'
33-34	S 18°00' W	572'
34-35	S 12°45' E	745'
35-36	S 23°00' E	660'
36-37	S 03°15' E	665'
37-38	S 11°00' E	790'
38-39	S 18°30' E	739'
39-40	S 05°15' W	41'
40-41	S 60°15' E	183'
41-42	S 38°30' W	217'
42-43	S 19°15' E	435'
43-44	N 65°40' E	130'
44-45	S 15°00' E	1095'
45-46	S 83°30' E	182'
46-47	N 01°45' W	1047'
47-48	N 06°10' E	400'
48-49	N 32°20' E	494'
49-50	S 04°30' E	482'
50-51	S 02°00' W	345'
51-52	S 80°30' E	57'
52-53	S 04°30' E	807'
53-54	S 81°00' E	743'
54-55	S 73°00' W	684'
55-56	S 09°45' E	398'
56-57	S 16°30' W	395'
57-58	S 46°00' E	325'
58-59	S 65°15' E	540'
59-60	S 60°15' W	458'
60-61	S 25°30' W	102'



P.B.L. STA. 1+596.85  
P.B.L. STA. 1+597.50  
G-44

**KEY MAP**

Saluda County, SC  
Newberry County, SC  
Fairfield County, SC  
Lexington County, SC

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. M.A.O. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G.
- RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2801 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MAMERS FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.), TO CONVERT FROM S.C.E. & G. PLANT DATUM (P.D.) TO NAVD 83 ON S.C.E. & G. SHEETS AND RECORDED SURVEYS AND DEEDS OR RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY GIBBS, INC.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR THE PRODUCTION OF MAPS AND DRAWINGS.

1. GARY EDWIN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING DESIGNER'S LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS AND DEEDS OF RECORD, & G. SURVEYS AND DEEDS OF RECORD.

THIS DRAWING WAS PREPARED BY GIBBS, INC. AND CHECKED BY GARY EDWIN, P.L.S. 13163. THIS DRAWING IS A MEANS OF COMMUNICATION AND SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

GIBBS, INC.  
1500 EAST 9TH STREET  
SOUTH CAROLINA  
COLUMBIA, SC 29204  
P.O. BOX 13169  
COLUMBIA, SC 29201  
S.C. REG. #13169

EXHIBIT 6 SHEET G-43

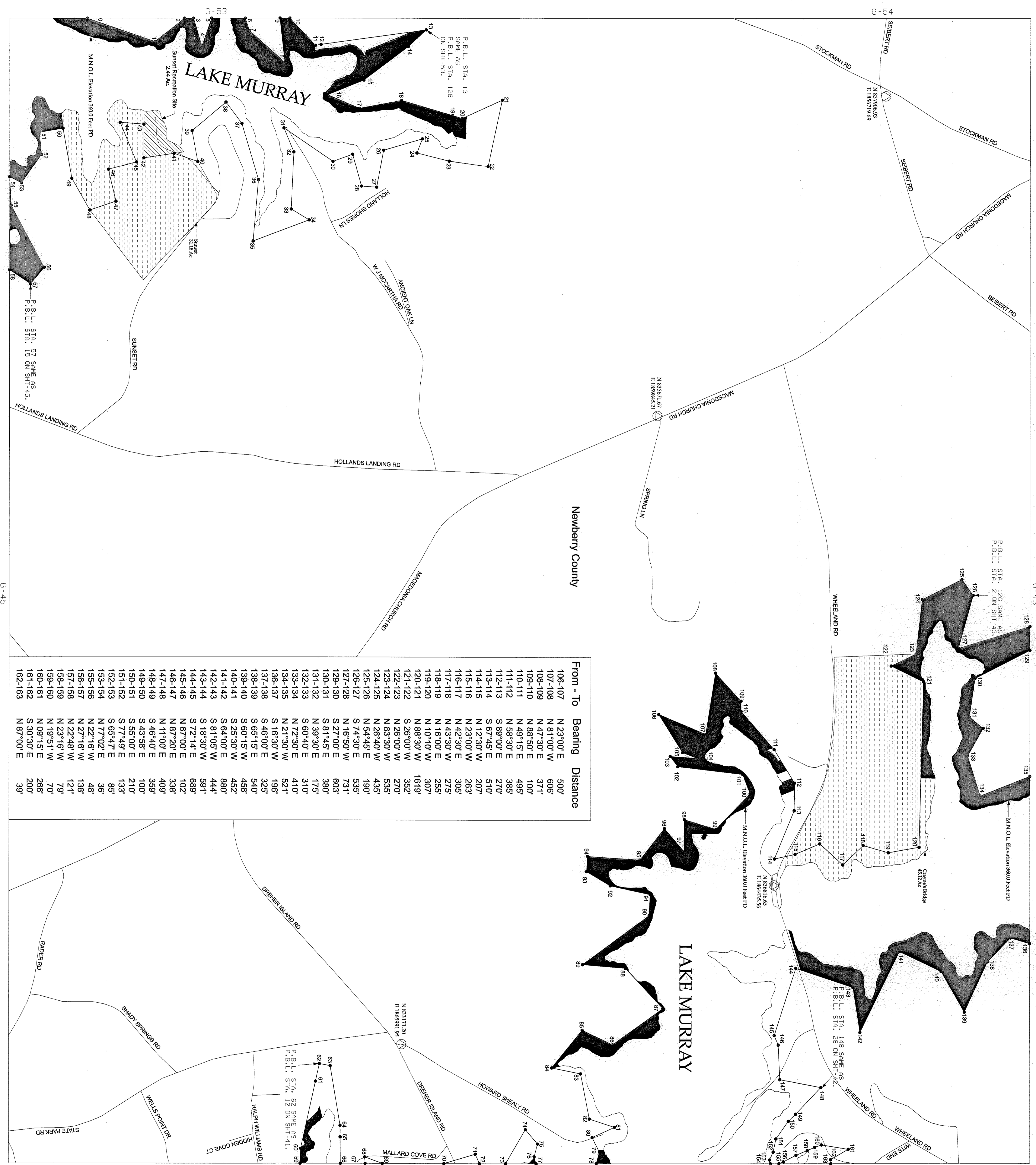
DETAIL MAP OF PROJECT AREA  
SHEET 43 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 19°00' E	700'
1-2	N 38°00' W	370'
2-3	N 73°15' E	282'
3-4	N 70°30' W	287'
4-5	N 71°15' E	129'
5-6	N 41°45' E	465'
6-7	N 83°45' W	434'
7-8	N 46°30' E	367'
8-9	N 09°00' E	55'
9-10	N 03°00' E	1040'
10-11	N 08°00' W	240'
11-12	S 37°00' E	545'
12-13	S 43°00' E	240'
13-14	S 37°00' E	381'
14-15	S 22°00' E	338'
15-16	N 23°00' E	420'
16-17	N 10°30' W	520'
17-18	N 16°15' E	430'
18-19	N 24°30' W	685'
19-20	S 08°00' W	385'
20-21	S 14°00' W	325'
21-22	S 08°00' W	149'
22-23	S 16°30' E	396'
23-24	S 04°00' W	150'
24-25	S 16°30' E	370'
25-26	S 04°00' W	325'
26-27	S 16°30' E	205'
27-28	S 04°00' W	582'
28-29	S 20°00' E	255'
29-30	S 34°15' W	255'
30-31	N 67°30' E	560'
31-32	N 31°00' E	205'
32-33	S 87°30' E	560'
33-34	N 31°00' E	205'
34-35	S 20°30' E	387'
35-36	N 85°00' W	600'
36-37	S 73°30' W	576'
37-38	S 53°00' W	280'
38-39	S 40°00' E	433'
39-40	N 79°30' E	308'
40-41	S 19°00' W	245'
41-42	S 08°32' E	300'
42-43	S 90°00' W	331'
43-44	S 04°15' W	234'
44-45	N 67°30' E	420'
45-46	S 15°00' E	285'
46-47	N 76°30' E	320'
47-48	S 18°30' E	270'
48-49	S 60°15' W	355'
49-50	S 80°00' W	500'
50-51	S 09°30' E	225'
51-52	N 84°30' E	220'
52-53	S 54°46' E	340'
53-54	S 27°30' W	130'
54-55	N 86°45' E	280'
55-56	N 61°45' E	688'
56-57	S 50°00' E	210'
57-58	S 34°00' W	248'
58-59	N 88°05' W	146'
59-60	N 77°35' W	675'
60-61	N 77°35' W	176'
61-62	N 10°30' E	108'
62-63	N 80°30' E	592'
63-64	N 89°30' E	115'
64-65	N 89°30' E	258'
65-66	S 86°00' W	63'
66-67	N 20°00' E	184'
67-68	N 16°25' W	322'
68-69	N 68°00' E	102'
69-70	N 50°00' E	185'
70-71	N 50°00' E	130'
71-72	S 75°08' E	71'
72-73	N 74°24' E	118'
73-74	S 63°30' W	160'
74-75	N 24°42' W	240'
75-76	S 18°30' W	280'
76-77	S 79°00' W	480'
77-78	S 11°30' W	290'
78-79	N 51°00' W	475'
79-80	N 25°30' E	330'
80-81	N 35°30' W	605'
81-82	S 47°00' W	540'
82-83	S 05°00' W	420'
83-84	N 36°30' W	810'
84-85	N 87°30' W	205'
85-86	S 12°30' W	400'
86-87	S 31°00' W	270'
87-88	N 87°00' W	150'
88-89	N 04°00' E	515'
89-90	N 04°00' E	390'
90-91	N 52°00' W	300'
91-92	N 49°30' W	315'
92-93	N 17°00' E	323'
93-94	N 46°00' W	482'
94-95	S 69°00' W	203'
95-96	S 06°52' W	640'
96-97	S 53°30' W	125'
97-98	N 04°00' E	260'
98-99	S 21°50' W	150'
99-100	S 58°00' W	440'



**KEY MAP**

**LEGEND**

- MINIMUM ROLLROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAN
- COUNTY BOUNDARY
- EMERGENCY RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EMERGENCY RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLAIN DATUM (P.D.) TO NAVD83 (P.D.), ADD 1.17 FEET. TO CONVERT FROM S.C.E. & G. PLAIN DATUM (P.D.) TO NAVD83 (P.D.), ADD 1.17 FEET. TO CONVERT FROM S.C.E. & G. PLAIN DATUM (P.D.) TO NAVD83 (P.D.), ADD 1.17 FEET. TO CONVERT FROM S.C.E. & G. PLAIN DATUM (P.D.) TO NAVD83 (P.D.), ADD 1.17 FEET.

RECORDED LATEST OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE PROJECT BOUNDARY LINES THAT ARE RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF NEWBERY, SOUTH CAROLINA. THE PROJECT BOUNDARY LINES THAT ARE RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF NEWBERY, SOUTH CAROLINA ARE SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINES THAT ARE RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF NEWBERY, SOUTH CAROLINA ARE SHOWN ON THIS MAP.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND CREATED BY DERRICK SENNAPPEL, LICENSED SURVEYOR, SOUTH CAROLINA, LICENSE NUMBER 12268, ON JULY 2, 2009. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKESIDE PROJECT BOUNDARY SHOWN HEREON, AND HE HAS DETERMINED THAT THE INFORMATION SHOWN ON THIS MAP IS CORRECT AND ACCURATE. THE PROJECT BOUNDARY LINES THAT ARE RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF NEWBERY, SOUTH CAROLINA ARE SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINES THAT ARE RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF NEWBERY, SOUTH CAROLINA ARE SHOWN ON THIS MAP.

DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

0 400 800 1,600 FEET

**EXHIBIT G SHEET G-44**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

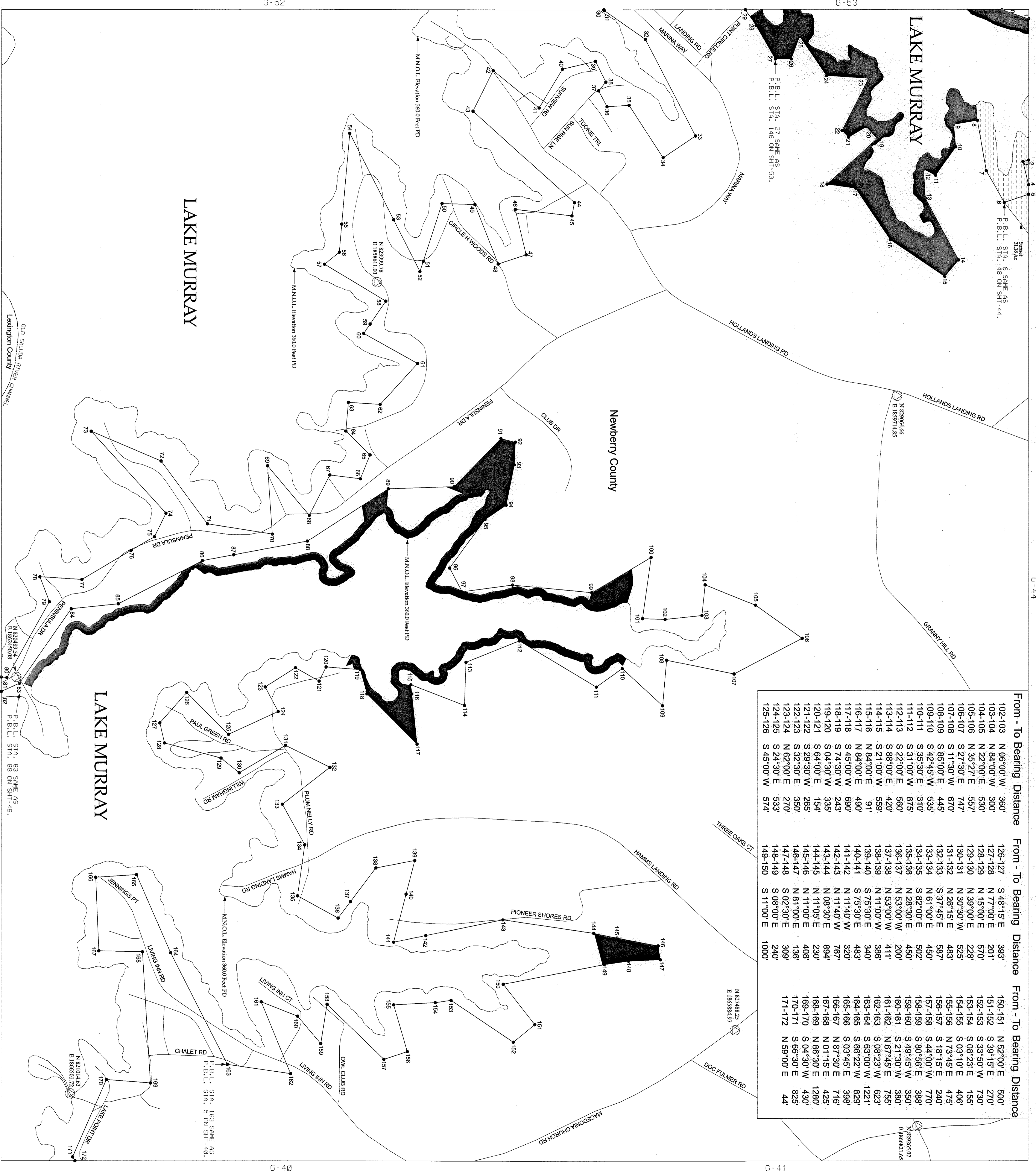
DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

0 400 800 1,600 FEET

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 19°00' E	276
1-2	S 15°00' E	56
2-3	N 78°30' E	231
3-4	S 18°30' E	248
4-5	S 60°15' W	385
5-6	S 80°00' W	500
6-7	S 09°30' E	235
7-8	N 84°30' E	220
8-9	S 54°46' E	340
9-10	S 27°30' W	130
10-11	N 86°45' E	280
11-12	N 61°45' E	686
12-13	S 50°00' E	210
13-14	S 34°00' E	640
14-15	S 08°00' W	280
15-16	N 42°30' W	680
16-17	S 47°00' W	155
17-18	S 30°30' E	92
18-19	N 63°00' W	568
19-20	S 03°45' W	411
20-21	S 55°30' E	462
21-22	S 69°30' E	234
22-23	S 00°00' E	155
23-24	S 60°00' W	375
24-25	S 60°00' W	186
25-26	N 62°06' E	8
26-27	N 35°00' E	489
27-28	N 62°30' E	1059
28-29	N 62°30' E	380
29-30	S 34°00' E	610
30-31	S 03°25' E	215
31-32	S 63°00' W	110
32-33	S 63°00' W	225
33-34	S 13°45' E	330
34-35	S 58°45' E	440
35-36	S 39°00' W	575
36-37	S 63°30' E	440
37-38	N 42°00' E	1331
38-39	S 79°00' E	130
39-40	S 06°30' W	555
40-41	N 75°30' E	453
41-42	S 18°30' E	287
42-43	S 68°30' W	621
43-44	S 01°30' W	320
44-45	S 72°00' E	590
45-46	S 72°00' E	105
46-47	S 63°00' W	565
47-48	S 63°00' W	943
48-49	S 85°00' E	887
49-50	S 85°00' E	275
50-51	S 39°00' E	185
51-52	N 31°00' E	697
52-53	S 55°30' E	270
53-54	N 29°00' E	110
54-55	S 47°30' E	540
55-56	S 03°30' W	310
56-57	S 85°00' E	280
57-58	N 44°30' E	330
58-59	S 07°00' W	250
59-60	S 63°00' E	300
60-61	S 49°45' W	440
61-62	N 86°00' E	630
62-63	S 09°00' W	665
63-64	S 53°30' W	640
64-65	S 23°00' W	760
65-66	N 47°30' E	740
66-67	S 64°30' E	1080
67-68	S 30°30' E	295
68-69	S 30°30' E	285
69-70	S 03°45' W	510
70-71	N 69°00' E	410
71-72	S 60°46' E	259
72-73	S 05°30' W	54
73-74	N 24°00' W	193
74-75	N 55°15' W	885
75-76	N 08°00' W	885
76-77	N 27°00' W	460
77-78	N 10°30' W	920
78-79	N 10°30' W	310
79-80	N 33°00' W	730
80-81	N 02°00' W	940
81-82	N 45°45' W	641
82-83	N 14°00' E	653
83-84	S 87°30' E	145
84-85	S 78°30' E	220
85-86	S 34°30' E	400
86-87	S 54°00' E	280
87-88	N 62°00' E	585
88-89	N 07°45' W	260
89-90	N 05°30' E	495
90-91	N 30°30' W	775
91-92	S 82°00' E	670
92-93	N 02°00' E	600
93-94	N 02°00' E	220



From - To	Bearing	Distance	From - To	Bearing	Distance	From - To	Bearing	Distance
102-103	N 06°00' W	360	126-127	S 48°15' E	393	150-151	N 52°00' E	500
103-104	N 84°00' W	300	127-128	N 77°00' E	201	151-152	S 69°15' E	270
104-105	N 22°30' E	530	128-129	N 15°00' E	570	152-153	S 33°50' W	730
105-106	N 35°27' E	597	129-130	N 39°00' E	228	153-154	S 08°23' E	155
106-107	S 27°30' E	670	130-131	N 30°30' W	525	154-155	S 03°10' E	408
107-108	S 11°30' W	670	131-132	N 26°15' E	483	155-156	N 73°45' E	475
108-109	S 85°00' E	445	132-133	S 37°45' E	587	156-157	S 18°15' E	240
109-110	S 42°45' W	539	133-134	N 61°00' E	450	157-158	S 44°00' W	770
110-111	S 35°30' E	310	134-135	N 28°30' E	502	158-159	S 80°58' E	388
111-112	S 31°00' W	875	135-136	N 82°00' E	450	159-160	S 69°58' E	350
112-113	S 22°30' E	560	136-137	N 53°00' W	200	160-161	S 21°30' W	380
113-114	S 88°00' E	420	137-138	N 53°00' W	411	161-162	N 67°45' E	735
114-115	S 21°00' W	559	138-139	N 11°00' W	386	162-163	S 08°23' W	623
115-116	N 84°00' E	490	139-140	S 75°30' E	340	163-164	S 63°00' W	1221
116-117	N 84°00' E	490	140-141	S 75°30' E	483	164-165	S 69°22' W	829
117-118	S 45°00' W	690	141-142	N 11°40' W	320	165-166	S 03°45' E	398
118-119	S 74°30' W	243	142-143	N 11°40' W	767	166-167	N 87°30' E	716
119-120	S 04°30' W	335	143-144	N 08°30' E	894	167-168	N 01°15' E	425
120-121	S 64°00' E	154	144-145	N 11°00' E	230	168-169	N 66°30' E	1280
121-122	S 29°30' W	265	145-146	N 11°00' E	408	169-170	S 04°30' E	825
122-123	S 32°30' E	350	146-147	S 02°30' E	136	170-171	S 66°30' E	44
123-124	N 62°00' E	270	147-148	S 08°00' E	240			
124-125	S 24°30' E	533	148-149	S 11°00' E	1000			
125-126	S 45°00' W	574						

**EXHIBIT G SHEET G-45**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**KEY MAP**

**LEGEND**

- PROPERTY OWNED IN FEE BY S.C.E. & G.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN P.B.L. AND INTERLAK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. AND INTERLAK
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS
- COUNTY BOUNDARY
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STRAIN
- ROAD
- TRANSMISSION LINE
- PIPELINE
- HALLMARK

VERTICAL DATUM BASED ON MEANS (FEET).

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 22801 (INTERNATIONAL FOOT).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (PD), TO CONVERT FROM S.C.E. & G. PLANT DATA (PD) TO NAVD 83 ON S.C.E. & G. SHEETS, AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY OTHERS. THE STRIP-CORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDIZATION PRACTICES AND FIELD MEASUREMENTS AND TIE-IN AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. STANLEY SERRANO, A PROFESSIONAL SURVEYOR, HAS PHOTOGRAPHICALLY TAKEN PHOTOGRAPHIC RELEVANT LINE MERRY PROJECT MAPS. THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PHOTOGRAPHIC METHODS UNDER DIRECT SUPERVISION OF STANLEY SERRANO, A PROFESSIONAL SURVEYOR, HAVE BEEN USED TO CORRECT THE STEREO PHOTOGRAMMETRIC DATA TO THE VERTICAL DATUM AND HORIZONTAL DATUM.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SOUTH CAROLINA STATE ENGINEERING BOARD IN THE STATE OF SOUTH CAROLINA R.L.S. 131615, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING BOARD HAS REVIEWED THE PHOTOGRAPHIC METHODS UNDER DIRECT SUPERVISION OF STANLEY SERRANO, A PROFESSIONAL SURVEYOR, AND HAS DETERMINED THAT THE PHOTOGRAMMETRIC DATA IS ACCURATE AND RELIABLE.

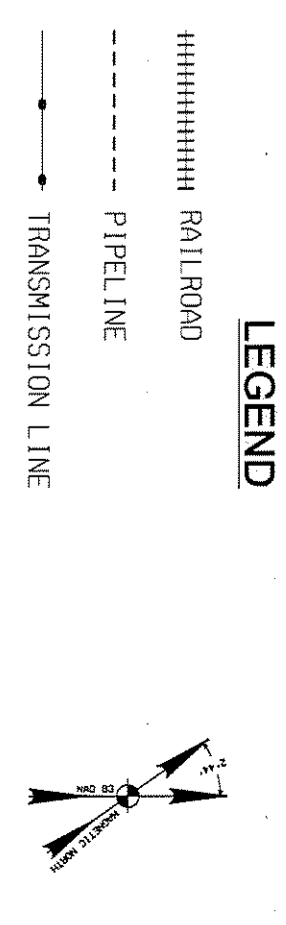
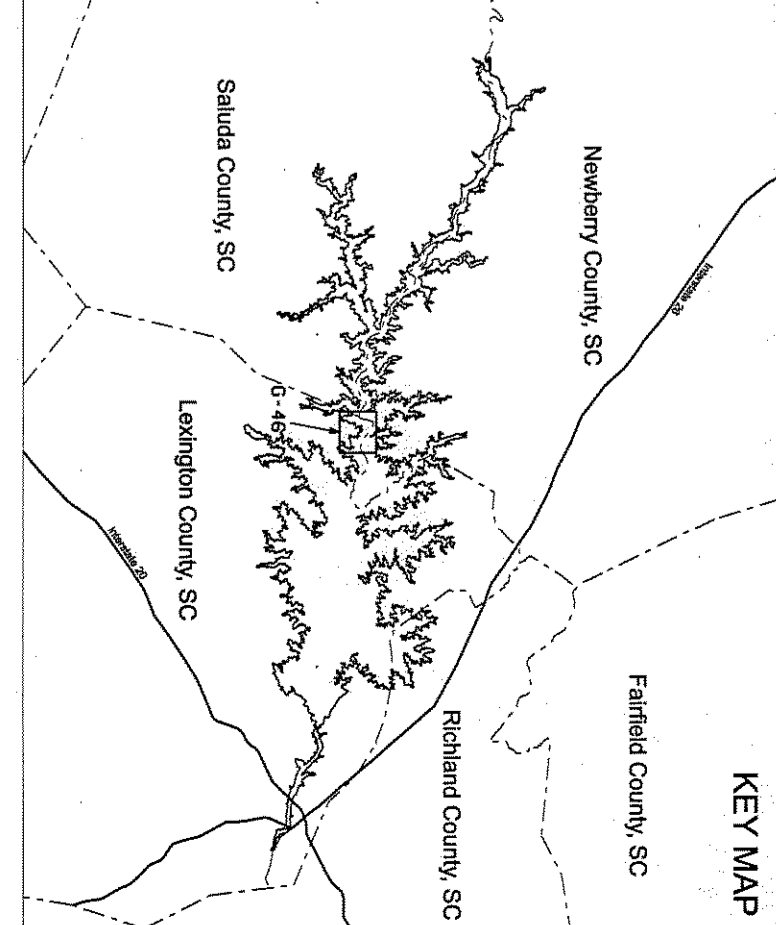
*Stanley Serrano*  
Professional Surveyor  
S.C. No. 131615

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	S 68°25' E	240'
1-2	S 27°50' W	222'
2-3	N 13°00' W	111'
3-4	N 13°00' W	445'
4-5	N 41°24' W	582'
5-6	N 27°30' W	888'
6-7	N 15°30' E	1221'
7-8	S 30°30' E	287'
8-9	N 54°00' E	287'
9-10	N 75°30' E	360'
10-11	N 73°00' E	280'
11-12	N 05°00' E	840'
12-13	N 05°00' E	366'
13-14	N 80°15' E	614'
14-15	N 01°30' W	479'
15-16	S 87°30' W	770'
16-17	N 15°30' E	915'
17-18	S 42°00' W	1130'
18-19	S 83°00' W	1552'
19-20	S 38°30' W	690'
20-21	N 11°30' E	680'
21-22	S 62°30' W	790'
22-23	N 86°45' W	355'
23-24	N 31°30' E	1600'
24-25	S 78°00' W	380'
25-26	N 28°15' W	486'
26-27	N 54°30' E	888'
27-28	N 83°30' E	650'
28-29	N 14°15' E	420'
29-30	N 78°30' W	190'
30-31	N 47°00' W	812'
31-32	N 43°00' W	693'
32-33	N 17°30' E	617'
33-34	S 60°00' W	334'
34-35	S 60°00' W	905'
35-36	N 21°15' E	1070'
36-37	S 51°00' E	1000'
37-38	N 10°30' W	448'
38-39	S 77°00' W	385'
39-40	S 15°30' E	1236'
40-41	S 79°00' E	395'
41-42	S 20°16' E	329'
42-43	S 83°15' W	910'
43-44	S 07°00' W	480'
44-45	S 80°30' W	260'
45-46	S 08°00' W	685'
46-47	S 06°45' E	1010'
47-48	S 00°30' W	1030'
48-49	S 84°16' W	486'
49-50	S 24°10' W	1050'
50-51	S 73°15' E	595'
51-52	S 60°30' W	800'
52-53	S 44°00' E	735'
53-54	S 89°35' W	458'
54-55	N 61°15' W	200'
55-56	N 61°15' W	450'
56-57	N 33°00' W	1110'
57-58	N 01°45' E	280'
58-59	N 87°45' E	280'
59-60	N 04°00' W	370'
60-61	N 67°00' W	240'
61-62	N 87°00' W	477'
62-63	N 29°00' E	535'
63-64	N 87°30' E	342'
64-65	N 15°45' W	808'
65-66	S 59°00' W	745'
66-67	N 54°00' W	388'
67-68	S 18°10' W	32'
68-69	S 52°00' E	86'
69-70	S 07°00' E	825'
70-71	S 71°00' W	178'
71-72	S 65°00' E	111'
72-73	S 23°00' W	274'
73-74	N 47°30' E	108'
74-75	S 30°30' E	187'
75-76	S 03°45' W	410'
76-77	N 69°00' E	259'
77-78	S 60°46' E	848'
78-79	S 05°30' W	480'
79-80	N 90°00' E	880'
80-81	N 24°00' W	885'
81-82	N 55°15' W	885'
82-83	N 06°00' W	267'
83-84	S 03°45' E	25'
84-85	N 87°30' E	568'
85-86	S 66°30' E	622'
86-87	N 59°00' E	46'
87-88	N 42°09' W	9'
88-89	S 13°00' W	500'
89-90	N 47°00' W	195'
90-91	S 28°20' W	1539'
91-92	S 19°00' E	182'



G-47  
G-40  
G-45  
G-52



HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM MAGEB/2681 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NGVD83 FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 ON S.C.E. & G. SHEETS AND RECORDS SEE SHEET S-51 AND RECORD FILED UNDER RECORD NUMBER 2008-0001 SOUTH CAROLINA STATE PLANE REVISIONS (VERTICAL DATUM). ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. SHEETS AND RECORDS.

STIPPLED INDICATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD MAPS.

1. SHOWN IN FULLY DEVELOPED, UNDEVELOPED, AND PARTIALLY DEVELOPED AREAS. PHOTOGRAPHIC SURVEYS/ASPHALT HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS. THE PLANIMETRIC AND CONTOUR SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER THE DIRECT SUPERVISION OF THE U.S. ARMY ENGINEERS AND ARCHITECTS. THE PROJECT BOUNDARY LINES THAT ARE REVISIONS FROM SHEETS S-51, S-52, S-53, S-54, S-55, S-56, S-57, S-58, S-59, S-60, S-61, S-62, S-63, S-64, S-65, S-66, S-67, S-68, S-69, S-70, S-71, S-72, S-73, S-74, S-75, S-76, S-77, S-78, S-79, S-80, S-81, S-82, S-83, S-84, S-85, S-86, S-87, S-88, S-89, S-90, S-91, S-92, S-93, S-94, S-95, S-96, S-97, S-98, S-99, S-100, S-101, S-102.

THIS DRAWING WAS PREPARED, CHECKED AND SEALED BY GEOLOGICAL ENGINEER REGISTERED UNDER LICENSE NO. 13163 AS A GEOMETRIC ENGINEER AND ARCHITECT. THE DRAWING AND SEAL SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

EXHIBIT 6 SHEET G-46

DETAIL MAP OF PROJECT AREA

SHEET 46 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

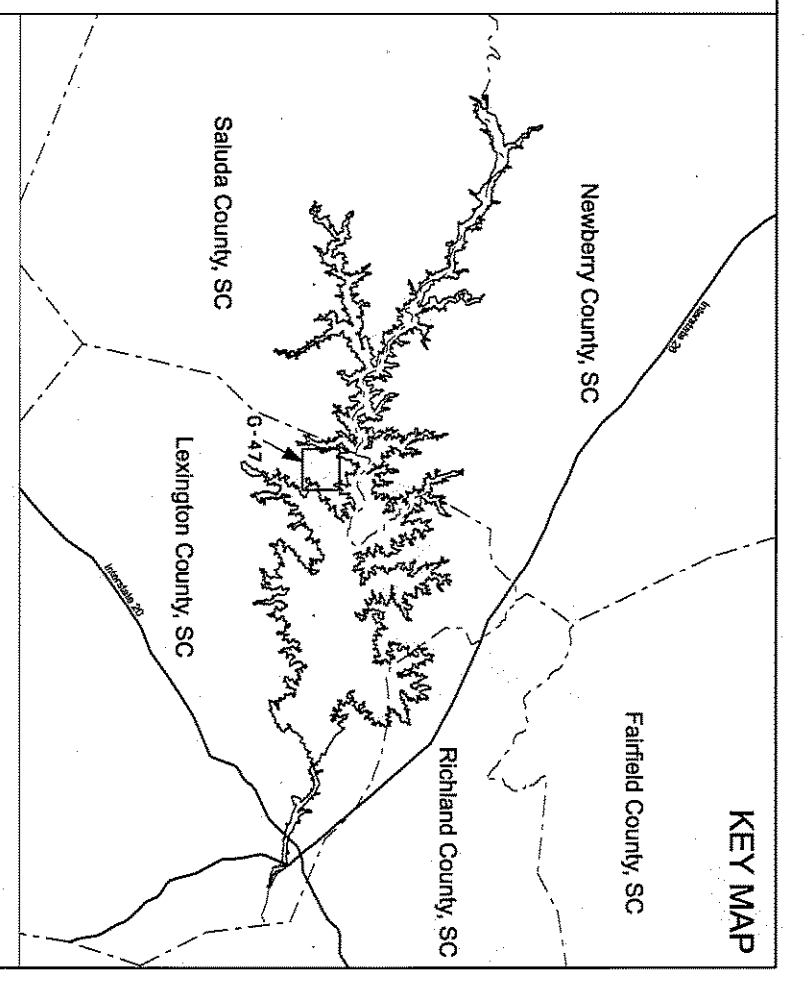
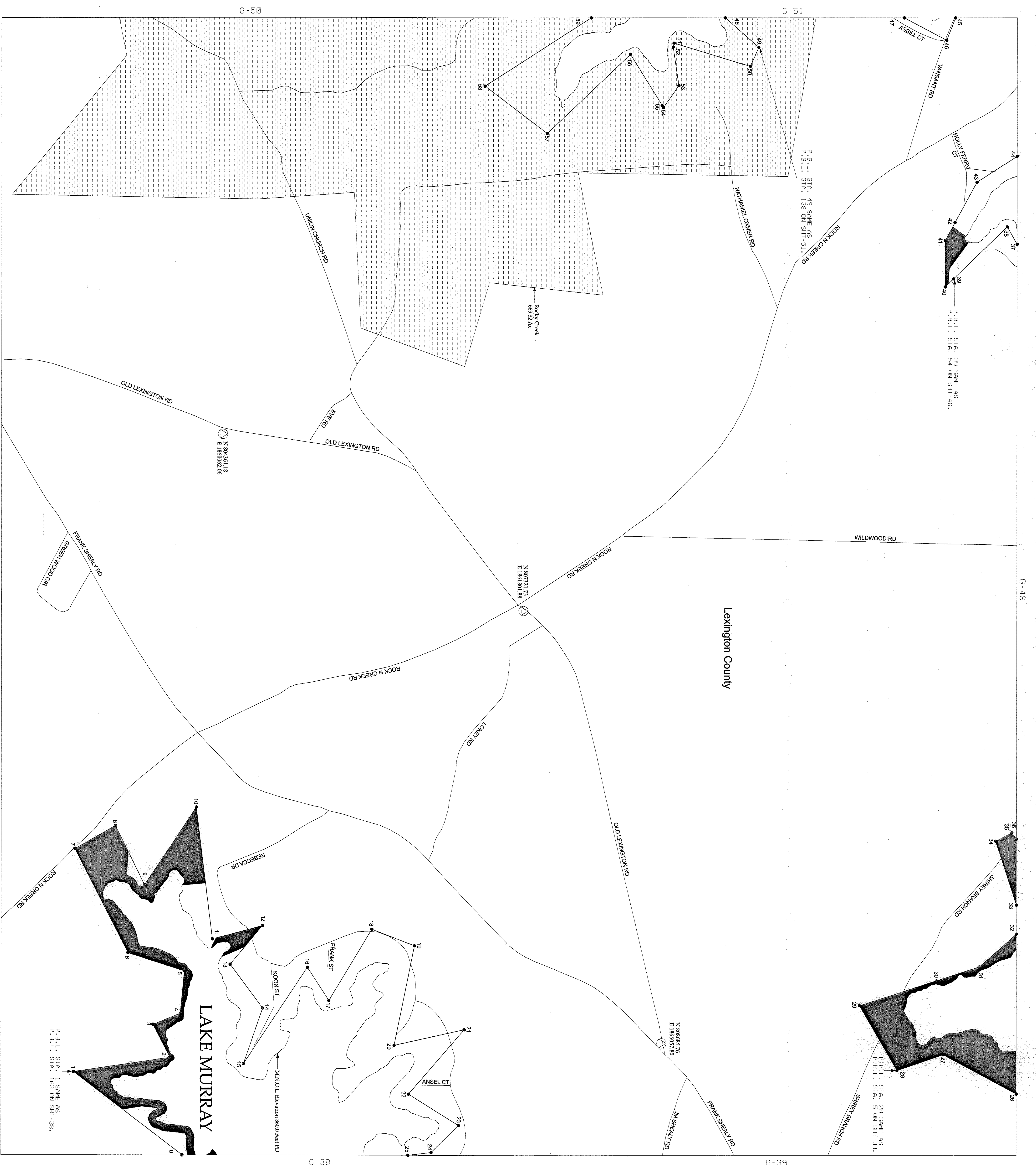
DATE: FEBRUARY 2009

0 400 800 1,600 FEET



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 37°30' W	1351'
1-2	N 08°30' W	960'
2-3	S 63°00' W	365'
3-4	N 22°00' W	290'
4-5	N 84°30' W	420'
5-6	S 18°00' W	585'
6-7	S 63°00' W	1155'
7-8	N 29°30' W	460'
8-9	N 64°00' E	650'
9-10	N 56°15' W	920'
10-11	N 83°00' E	1310'
11-12	N 14°45' W	510'
12-13	S 50°00' E	495'
13-14	N 53°30' E	540'
14-15	S 71°00' E	579'
15-16	N 56°30' W	1140'
16-17	N 57°00' E	390'
17-18	N 59°00' W	820'
18-19	N 21°00' E	450'
19-20	S 78°30' E	1003'
20-21	N 12°45' W	708'
21-22	S 49°15' E	840'
22-23	N 32°00' E	580'
23-24	S 45°00' E	229'
24-25	S 07°00' E	380'
25-26	S 28°20' W	819'
26-27	S 19°00' E	480'
27-28	N 60°00' W	740'
28-29	N 18°00' W	797'
29-30	N 18°00' W	445'
30-31	N 41°24' W	445'
31-32	N 18°00' W	485'
32-33	N 27°30' W	663'
33-34	N 27°30' W	180'
34-35	N 54°00' E	78'
35-36	S 60°30' W	198'
36-37	S 44°00' E	735'
37-38	S 44°00' E	114'
38-39	S 89°55' W	458'
39-40	N 61°15' W	200'
40-41	N 61°15' W	450'
41-42	N 33°00' W	472'
42-43	S 68°25' E	237'
43-44	S 27°50' W	472'
44-45	N 41°30' E	439'
45-46	S 66°25' E	206'
46-47	S 17°00' W	787'
47-48	S 79°15' E	42'
48-49	N 81°30' E	382'
49-50	S 55°00' E	263'
50-51	S 58°10' W	25'
51-52	S 58°10' W	592'
52-53	S 43°35' E	1130'
53-54	S 37°15' W	770'
54-55	N 32°45' W	1242'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE IN A COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.), TO CONVERT FROM S.C.E. & G. PLANT DATUM (P.D.) TO NAVD83 (FEET), THE ELEVATION DIFFERENCE IS 1.5 FEET. THE ELEVATIONS SHOWN ON THIS MAP ARE THE ELEVATIONS OF THE PROJECT BOUNDARY LINE. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY 0.005' TIES.

STEREOREPRODUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR MAPS AND CHARTS.

1. GEORGE S. BARNES, A PROFESSIONAL SURVEYOR, HAS REVIEWED THIS MAP AND HAS DETERMINED THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF. HE HAS REVIEWED THIS MAP AND HAS DETERMINED THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF. HE HAS REVIEWED THIS MAP AND HAS DETERMINED THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

DATE: FEBRUARY 2009

EXHIBIT G SHEET G-47

DETAIL MAP OF PROJECT AREA

SHEET 47 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

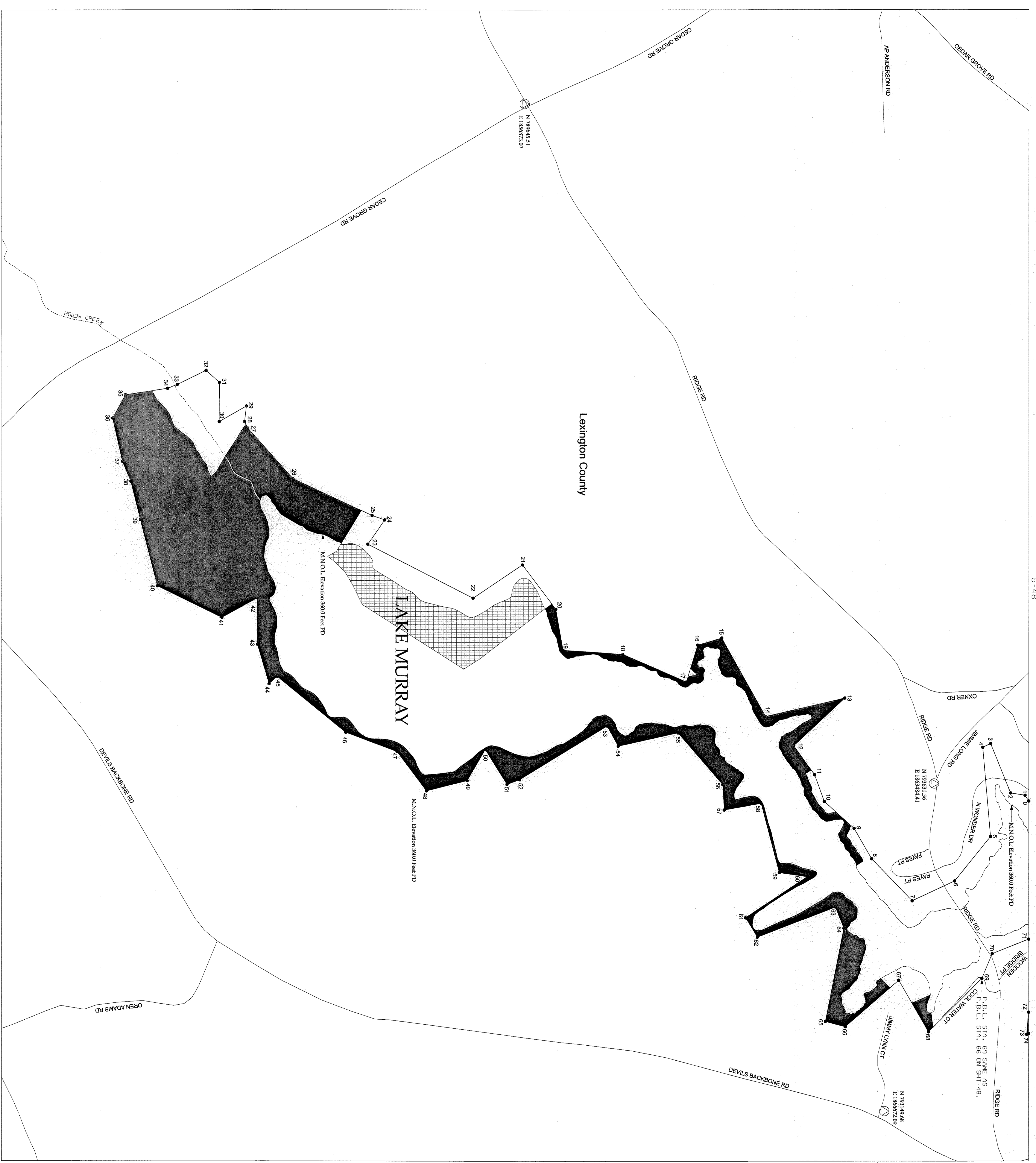
DATE: FEBRUARY 2009



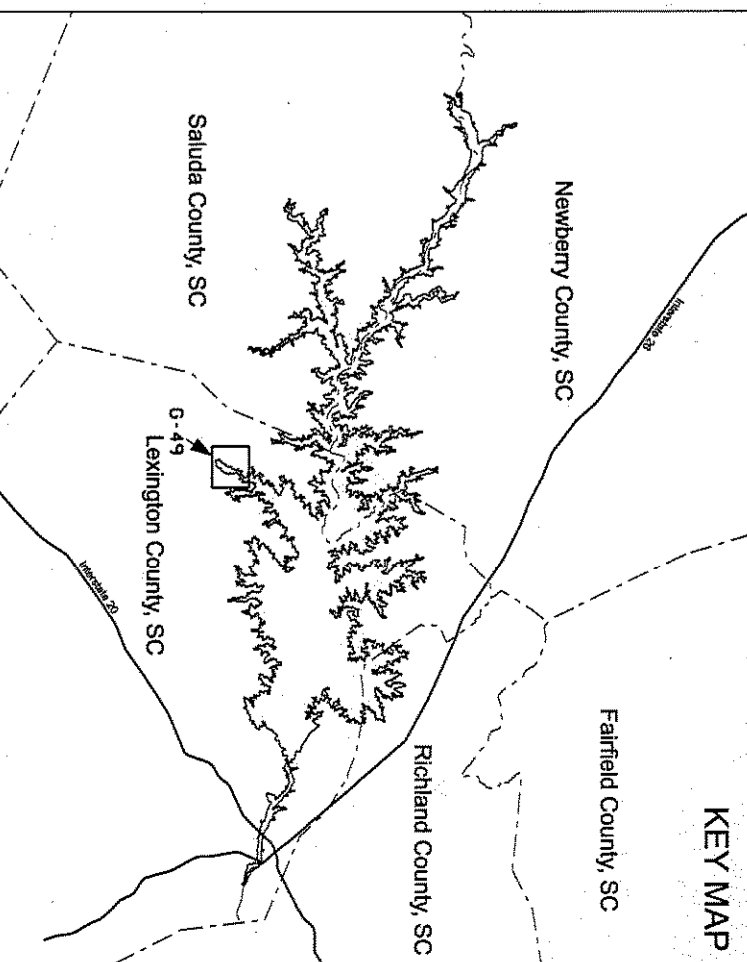


Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	S 57°00' W	67'
1-2	S 09°00' W	142'
2-3	S 68°00' W	520'
3-4	S 28°00' E	85'
4-5	N 85°00' E	870'
5-6	S 51°00' E	555'
6-7	S 25°00' E	457'
7-8	S 46°00' W	568'
8-9	S 59°56' W	341'
9-10	S 42°00' W	390'
10-11	S 70°00' W	275'
11-12	S 54°30' W	349'
12-13	N 43°10' W	680'
13-14	S 13°00' E	791'
14-15	S 60°45' W	873'
15-16	S 16°30' E	245'
16-17	S 73°30' E	374'
17-18	S 23°30' W	675'
18-19	S 04°00' W	584'
19-20	S 80°00' W	404'
20-21	S 53°00' W	540'
21-22	S 34°00' E	580'
22-23	S 27°00' W	1150'
23-24	N 55°30' W	290'
24-25	S 19°00' W	130'
25-26	S 25°00' W	850'
26-27	S 48°00' W	660'
27-28	S 63°00' W	70'
28-29	N 83°00' W	152'
29-30	S 29°45' E	305'
30-31	N 89°45' W	382'
31-32	S 42°00' W	175'
32-33	S 26°00' E	312'
33-34	S 21°38' E	102'
34-35	S 08°30' E	415'
35-36	S 61°15' E	260'
36-37	N 77°15' E	430'
37-38	N 67°00' E	210'
38-39	N 76°00' E	385'
39-40	N 75°36' E	667'
40-41	N 26°00' E	700'
41-42	N 28°45' W	395'
42-43	N 90°00' E	450'
43-44	N 73°30' E	402'
44-45	N 43°00' W	106'
45-46	N 39°00' E	862'
46-47	N 20°30' E	533'
47-48	N 53°15' E	479'
48-49	N 14°15' W	410'
49-50	N 60°00' W	350'
50-51	N 58°00' E	400'
51-52	N 20°32' W	130'
52-53	N 31°31' W	1000'
53-54	N 61°02' E	224'
54-55	N 12°30' W	595'
55-56	N 49°19' E	689'
56-57	N 86°50' E	245'
57-58	N 10°00' W	365'
58-59	N 75°15' E	695'
59-60	N 08°30' E	275'
60-61	S 33°30' E	720'
61-62	N 59°00' E	225'
62-63	N 21°15' W	815'
63-64	N 68°30' E	224'
64-65	S 78°50' E	924'
65-66	N 15°00' E	200'
66-67	N 41°00' W	690'
67-68	N 60°00' E	580'
68-69	N 45°00' W	735'
69-70	N 67°30' W	260'
70-71	N 21°30' W	382'
71-72	S 85°00' E	217'
72-73	N 23°00' W	21'



G-48



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EMERGENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EMERGENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

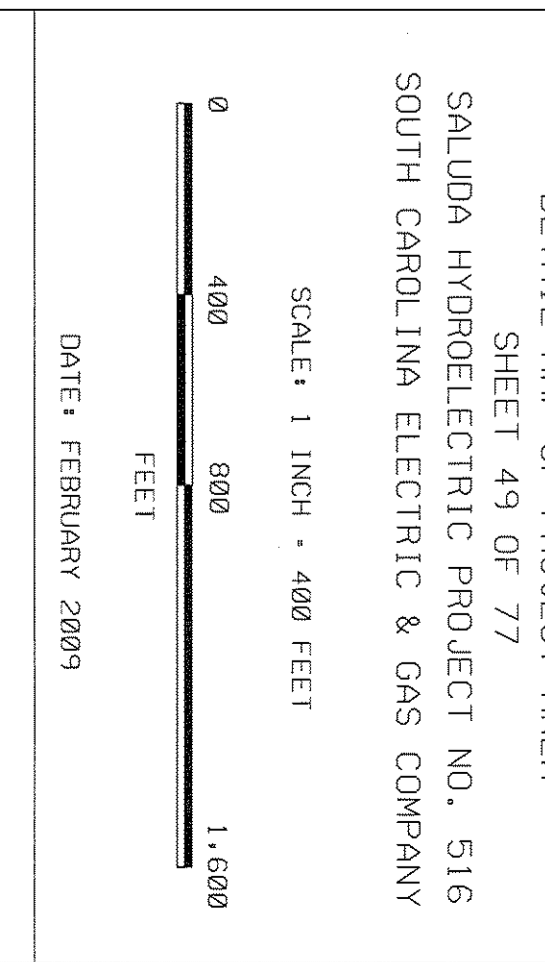
HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 22001 (INTERNATIONAL FOOT).  
 VERTICAL DATA BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (P.D.), TO CONVERT FROM S.C.E. & G. PLANT DATA (P.D.) TO NAVD83 (FEET) USE THE FOLLOWING EQUATION: NAVD83 (FEET) = P.D. (FEET) - 1.48.  
 ALL S.C.E. & G. SURVEYS AND RECORDS SHOWN ON THIS MAP ARE THE PROPERTY OF S.C.E. & G. UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY GEORGE W. WILSON, INC.  
 STEREOCOMPARISON PROCESS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS FOR THE YEAR 2001.  
 1. GEORGE WILSON, INC., A PROFESSIONAL SURVEYING FIRM, HAS PHOTOGRAMMETRIC SURVEYING/ENGINEERING SERVICES PERFORMED ON THIS MAP. THE PLANIMETRIC AND CONTOUR DATA SHOWN ON THIS MAP ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS FOR THE YEAR 2001. THE PHOTOGRAMMETRIC DATA WAS OBTAINED FROM AERIAL PHOTOGRAPHS TAKEN BY DIRECT SUPERVISION. ALL WORK IS BASED ON NUMBER 22001 SOUTH CAROLINA STATE PLANE (SOUTH CAROLINA INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).  
 THIS DRAWING WAS ORIGINALLY ISSUED AND SEALED BY GEORGE WILSON, INC. IN THE YEAR 2001. THIS DRAWING IS A REVISION OF THE ORIGINAL DRAWING AND THE ORIGINAL DRAWING SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.  
 1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE REVIEW WAS CONDUCTED ON THE BASIS OF THE INFORMATION PROVIDED BY GEORGE WILSON, INC. THE LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE INSIDE THE PROJECT BOUNDARY, AND THE PROJECT BOUNDARY LINES THAT ARE OUTSIDE THE PROJECT BOUNDARY ARE THE PROPERTY OF S.C.E. & G. UNLESS OTHERWISE NOTED.  
 I, *George W. Wilson*, Surveyor  
 S.C. REG. 13163

**EXHIBIT G SHEET G-49**

DETAIL MAP OF PROJECT AREA  
 SHEET 49 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY

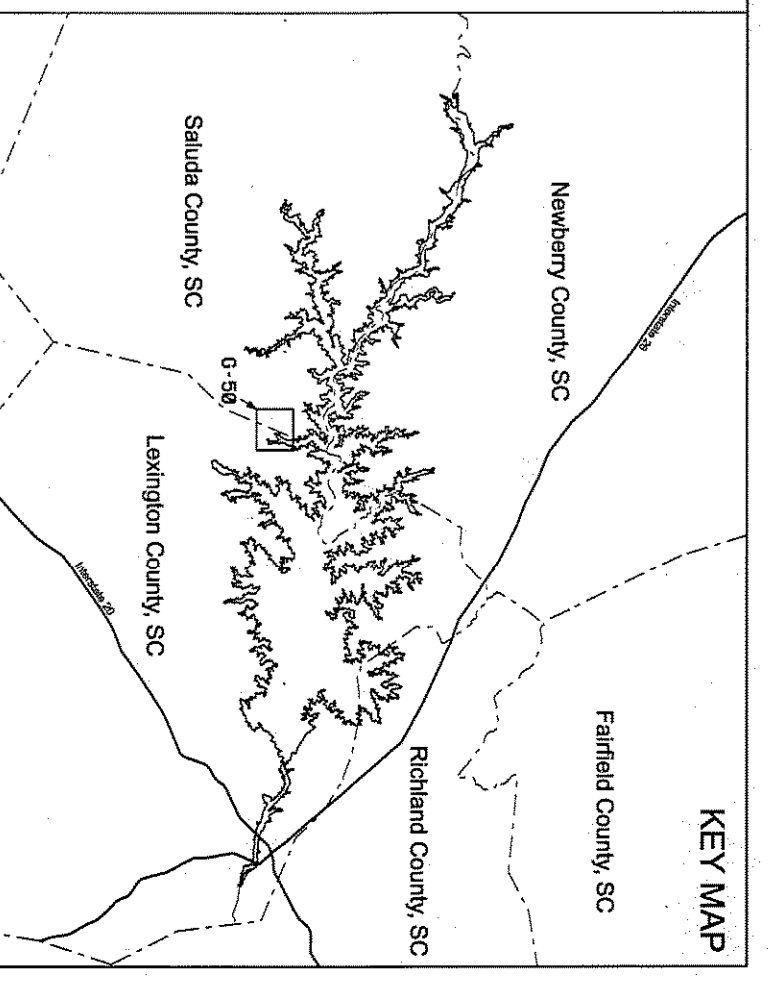
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 46°30' W	53
1-2	N 77°30' E	170
2-3	S 02°45' E	458
3-4	S 12°00' W	245
4-5	S 12°00' W	320
5-6	S 26°30' E	512
6-7	S 68°00' W	288
7-8	S 17°10' W	1010
8-9	S 18°55' W	180
9-10	S 54°40' W	185
10-11	S 27°50' W	1030
11-12	N 67°20' W	419
12-13	S 76°00' W	947
13-14	S 69°30' E	1009
14-15	S 48°00' W	866
15-16	S 01°30' E	298
16-17	S 08°15' E	380
17-18	N 43°00' E	240
18-19	N 43°00' E	669
19-20	N 43°00' E	101
20-21	N 79°45' E	1050
21-22	N 15°30' E	865
22-23	S 03°30' E	839
23-24	S 30°36' E	719
24-25	S 20°00' W	211
25-26	S 03°45' W	381
26-27	S 03°45' W	1003
27-28	S 48°00' W	535
28-29	S 48°00' W	100
29-30	S 34°00' E	100
30-31	S 34°00' E	100
31-32	N 60°30' E	1139
32-33	S 14°22' E	406
33-34	N 04°16' E	1074
34-35	N 58°26' W	372
35-36	N 18°35' E	210
36-37	N 20°15' E	486
37-38	N 15°10' W	1015
38-39	N 77°30' E	801
39-40	N 64°00' W	955
40-41	N 40°00' E	350
41-42	N 27°30' W	400
42-43	N 59°30' E	349
43-44	N 21°30' W	476
44-45	N 67°00' E	270
45-46	N 31°45' E	485
46-47	N 31°45' E	480
47-48	N 23°30' W	381
48-49	N 61°25' E	430
49-50	N 07°15' W	627
50-51	S 32°45' E	784
51-52	N 37°15' E	410



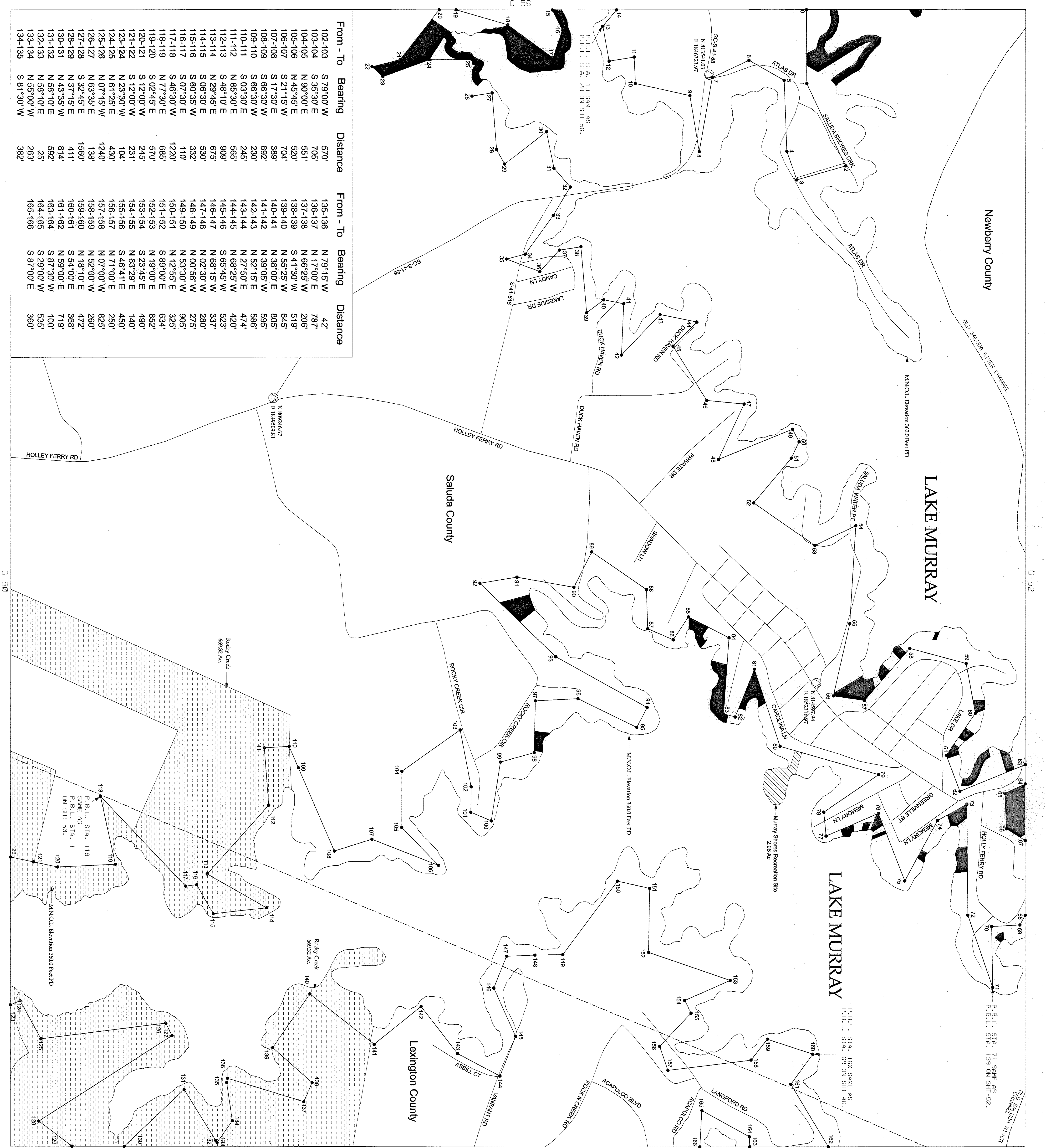
- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HYDROPAK
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 (FEET), THE SURVEYOR'S ELEVATION RECORD IS BEING USED ON S.C.E. & G. SURVEYS. UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTIGUOUS WERE PROVIDED BY S.C.E. & G. AND OWNED BY OVERSEAS, INC.  
 SITE/RECREATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR THE DESIGN AND CONSTRUCTION OF RECREATION AREAS APPROXIMATELY 1 INCH = 600 FEET.  
 1. GERRARD BENNETT, A PROFESSIONAL, SOUTH CAROLINA LAND SURVEYOR, HAS REVIEWED THIS PROJECT AND CONFIRMS THAT THE PLANIMETRIC AND CONTIGUOUS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS AND THE SURVEYING AND MAPPING ACT OF 1992. HIS REVIEW IS LIMITED TO THE PLANIMETRIC AND CONTIGUOUS SHOWN ON THIS MAP. HE HAS NOT REVIEWED THE PHOTOGRAMMETRIC METHODS UNDER WHICH DIRECT SURVEYING, PHOTOGRAMMETRIC SURVEYING, OR OTHER METHODS WERE USED TO OBTAIN THE DATA SHOWN ON THIS MAP. HE HAS NOT REVIEWED THE PROJECT BOUNDARY LINES THAT ARE NOT CONTIGUOUS LINES. HIS REVIEW IS LIMITED TO THE PLANIMETRIC AND CONTIGUOUS SHOWN ON THIS MAP.  
 THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GERRARD BENNETT, A PROFESSIONAL, SOUTH CAROLINA LAND SURVEYOR, ON FEBRUARY 2, 2009. HIS REVIEW IS LIMITED TO THE PLANIMETRIC AND CONTIGUOUS SHOWN ON THIS MAP. HE HAS NOT REVIEWED THE PHOTOGRAMMETRIC METHODS UNDER WHICH DIRECT SURVEYING, PHOTOGRAMMETRIC SURVEYING, OR OTHER METHODS WERE USED TO OBTAIN THE DATA SHOWN ON THIS MAP. HE HAS NOT REVIEWED THE PROJECT BOUNDARY LINES THAT ARE NOT CONTIGUOUS LINES. HIS REVIEW IS LIMITED TO THE PLANIMETRIC AND CONTIGUOUS SHOWN ON THIS MAP.  
 GERRARD BENNETT  
 SCS 1178 13168

EXHIBIT G SHEET G-50  
 DETAIL MAP OF PROJECT AREA  
 SHEET 50 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 400 FEET  
 DATE: FEBRUARY 2009

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 89°45' E	727'
1-2	N 64°50' E	900'
2-3	S 15°55' E	500'
3-4	S 70°55' W	300'
4-5	S 87°50' W	700'
5-6	S 29°45' W	400'
6-7	S 25°10' E	400'
7-8	S 80°05' E	740'
8-9	S 80°30' W	560'
9-10	S 12°35' W	550'
10-11	S 87°20' W	280'
11-12	S 09°10' E	250'
12-13	S 79°50' W	350'
13-14	N 49°50' W	200'
15-16	N 63°15' E	220'
16-17	S 71°40' E	289'
17-18	S 36°05' W	551'
18-19	S 16°00' W	530'
20-21	S 51°50' W	623'
21-22	S 14°30' E	285'
22-23	N 42°45' E	145'
23-24	N 20°10' W	488'
24-25	N 00°20' W	419'
25-26	N 89°50' E	358'
26-27	N 08°45' W	200'
27-28	N 85°25' E	559'
28-29	N 61°40' E	166'
29-30	N 38°00' W	523'
30-31	N 78°25' E	389'
31-32	N 49°10' E	246'
32-33	S 59°00' E	325'
33-34	S 54°00' E	470'
34-35	S 15°00' E	190'
35-36	N 20°27' E	349'
36-37	N 47°30' W	285'
37-38	N 08°45' W	215'
38-39	N 85°00' W	650'
39-40	N 36°40' W	211'
40-41	N 11°00' E	200'
41-42	S 87°30' W	505'
42-43	N 46°15' W	550'
43-44	N 11°30' E	370'
44-45	S 45°15' E	334'
45-46	N 58°10' E	629'
46-47	N 05°30' E	371'
47-48	S 65°00' E	600'
48-49	N 22°00' W	788'
49-50	N 62°15' E	140'
50-51	S 64°13' E	178'
51-52	S 50°00' E	576'
52-53	N 35°00' E	738'
53-54	N 25°00' W	448'
54-55	S 86°30' E	955'
55-56	S 77°15' E	730'
56-57	N 08°30' E	310'
57-58	N 49°00' W	680'
58-59	N 15°00' E	575'
59-60	N 79°30' E	500'
60-61	S 55°00' E	500'
61-62	N 69°11' E	381'
62-63	N 22°01' W	694'
63-64	S 24°30' E	221'
64-65	N 87°15' E	350'
65-66	N 32°00' E	218'
66-67	S 01°00' E	109'
68-69	S 03°00' E	278'
69-70	N 89°00' E	600'
70-71	S 71°00' W	754'
71-72	S 89°30' W	1096'
72-73	S 29°00' E	330'
73-74	S 61°30' W	673'
74-75	S 88°25' W	717'
75-76	S 23°15' E	562'
76-77	S 84°30' W	235'
77-78	N 34°20' W	653'
78-79	S 16°00' W	1010'
79-80	S 71°30' W	800'
81-82	S 66°00' E	505'
82-83	S 15°15' W	118'
83-84	N 88°00' W	750'
84-85	N 27°10' W	450'
85-86	S 56°30' E	270'
86-87	S 23°29' W	275'
87-88	S 88°15' W	385'
88-89	S 34°30' W	654'
89-90	S 10°10' W	390'
90-91	S 09°30' E	370'
91-92	N 44°00' E	1040'
92-93	N 29°04' E	1030'
93-94	S 62°15' E	220'
94-95	S 26°00' W	645'
95-96	S 02°50' W	420'
96-97	S 88°45' E	510'
97-98	S 15°45' E	345'
98-99	S 81°10' E	585'
99-100	S 22°45' W	218'
100-101	N 89°30' W	250'



KEY MAP

LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. AND INTERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (P.D.) TO CORRECT FROM S.C.E. & G. PLANT DATA TO NAVD83 TO CORRECT FROM S.C.E. & G. PLANT DATA TO NAVD83 (INTERNATIONAL FOOT).

THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP HAVE BEEN DETERMINED BY THE SURVEYOR'S FIELD MEASUREMENTS AND PHOTOGRAPHIC METHODS UNDER HIS DIRECT SUPERVISION. ALL WORK IS BASED ON MURRAY/ROCKY CREEK SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SURVEYOR ON FEBRUARY 1, 2009, IN ACCORDANCE WITH SECTION 48-5-30 OF THE SOUTH CAROLINA PUBLIC SERVICE COMMISSION ACT OF 1955. THIS DOCUMENT IS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13153, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEYOR'S FIELD MEASUREMENTS AND PHOTOGRAPHIC METHODS UNDER HIS DIRECT SUPERVISION. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP HAVE BEEN DETERMINED BY THE SURVEYOR'S FIELD MEASUREMENTS AND PHOTOGRAPHIC METHODS UNDER HIS DIRECT SUPERVISION. ALL WORK IS BASED ON MURRAY/ROCKY CREEK SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

EXHIBIT G SHEET G-51

DETAIL MAP OF PROJECT AREA

SHEET 51 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 75°30' E	197'
1-2	N 42°30' W	282'
2-3	S 48°30' E	245'
3-4	S 83°30' W	185'
4-5	S 31°15' E	142'
5-6	S 49°40' E	400'
6-7	S 30°00' E	1159'
7-8	S 40°00' E	1917'
8-9	N 15°00' E	618'
9-10	N 45°00' E	414'
10-11	N 49°50' E	300'
11-12	S 61°00' E	300'
12-13	N 22°30' W	630'
13-14	S 22°30' W	615'
14-15	S 70°00' E	1145'
15-16	S 63°30' W	470'
16-17	S 43°30' W	350'
17-18	S 79°40' E	500'
18-19	N 74°00' E	415'
19-20	S 02°00' W	1040'
20-21	S 56°30' W	451'
21-22	S 80°00' E	470'
22-23	S 16°45' E	785'
23-24	S 88°18' W	785'
24-25	S 06°00' E	495'
25-26	N 67°30' E	549'
26-27	S 65°45' E	578'
27-28	S 42°45' E	505'
28-29	S 71°00' W	1021'
29-30	S 81°00' W	905'
30-31	S 51°00' E	395'
31-32	S 48°30' W	1020'
32-33	S 69°15' E	340'
33-34	S 43°00' W	400'
34-35	S 80°00' W	600'
35-36	S 48°30' E	345'
36-37	S 83°00' E	400'
37-38	N 06°00' E	1280'
38-39	N 13°30' E	737'
39-40	S 30°00' E	1101'
40-41	S 02°00' W	230'
41-42	S 71°00' W	362'
42-43	S 01°00' W	781'
43-44	S 57°00' E	242'
44-45	N 44°00' E	491'
45-46	N 83°30' E	489'
46-47	N 44°00' E	433'
47-48	N 72°00' E	542'
48-49	N 72°00' E	380'
49-50	N 30°10' W	735'
50-51	N 07°45' W	526'
51-52	N 10°00' W	605'
52-53	N 38°00' E	220'
53-54	S 39°15' E	435'
54-55	S 39°15' E	445'
55-56	N 71°30' E	765'
56-57	N 71°30' E	444'
57-58	N 03°30' W	444'
58-59	N 03°30' W	1077'
59-60	N 58°30' W	621'
60-61	N 03°30' W	621'
61-62	N 03°30' W	621'
62-63	N 76°30' E	1030'
63-64	N 00°00' E	590'
64-65	S 65°00' E	195'
65-66	S 37°00' E	1065'
66-67	S 50°00' W	723'
67-68	S 33°30' E	400'
68-69	S 33°30' E	400'
69-70	S 33°30' E	400'
70-71	S 33°30' E	400'
71-72	S 15°00' E	535'
72-73	S 65°00' E	210'
73-74	S 10°00' E	840'
74-75	S 10°00' E	414'
75-76	S 10°00' E	599'
76-77	S 26°30' E	900'
77-78	S 05°00' W	315'
78-79	S 65°00' E	860'
79-80	N 21°30' W	810'
80-81	N 03°30' W	1016'
81-82	N 03°30' W	531'
82-83	S 53°00' W	190'
83-84	S 84°30' W	565'
84-85	S 84°30' W	515'
85-86	S 50°30' W	1120'
86-87	N 54°00' E	665'
88-89	N 52°00' E	380'
89-90	N 76°00' W	400'
90-91	N 53°00' W	232'
91-92	N 53°00' W	364'
92-93	N 49°00' E	530'
93-94	S 69°30' W	650'
94-95	S 69°30' W	320'
95-96	N 13°00' W	250'
96-97	N 13°00' W	390'
97-98	N 65°00' E	390'
98-99	N 65°00' E	390'
99-100	N 65°00' E	390'



**LEGEND**

- HORIZONTAL RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.D.L. & M.N.O.L. OR BETWEEN P.D.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.D.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**KEY MAP**

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD83 (FEET) ADD 1.18 FEET TO ALL ELEVATIONS. TO CONVERT FROM NAVD83 (FEET) TO S.C.E. & G. PLANT DATUM SUBTRACT 1.18 FEET FROM ALL ELEVATIONS. ALL AREAS OF THE PROJECT RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GERHARD SENNHAUER, L. 22650, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION FOR THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION IS CORRECT AND ACCURATE.

2. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION FOR THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION IS CORRECT AND ACCURATE.

3. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION FOR THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION IS CORRECT AND ACCURATE.

4. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION FOR THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE AND THE VERTICAL DATUM INFORMATION IS CORRECT AND ACCURATE.

**EXHIBIT G** SHEET G-52

DETAIL MAP OF PROJECT AREA

SHEET 52 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

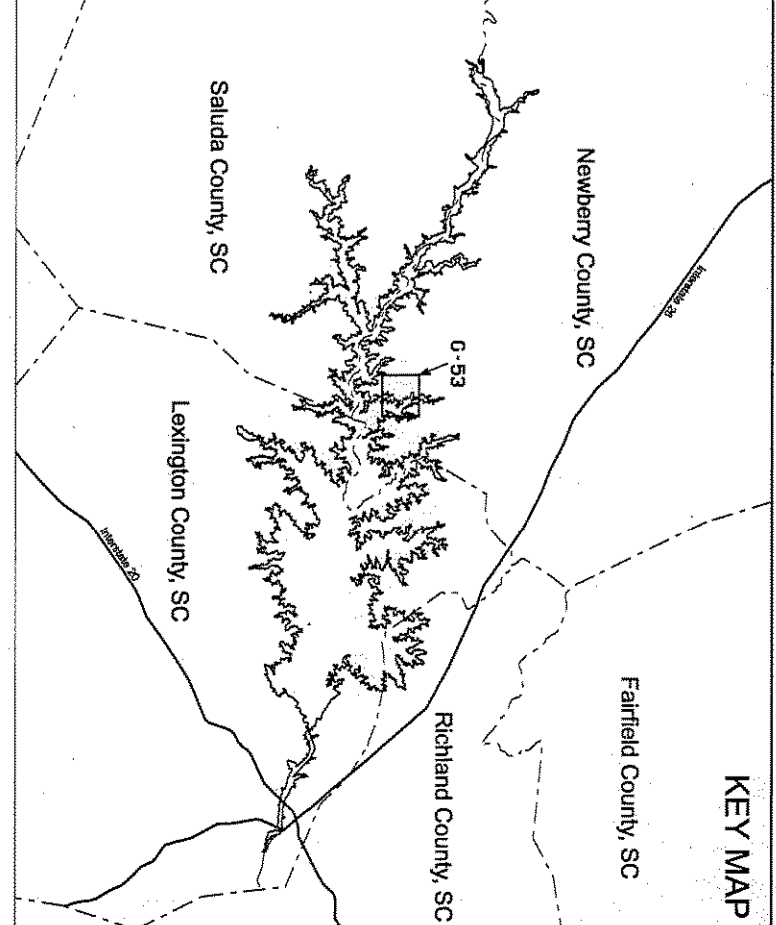
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 71°00' W	403'
1-2	S 78°00' W	85'
2-3	N 41°00' E	260'
3-4	N 84°00' E	675'
4-5	N 44°00' E	240'
5-6	N 49°00' W	655'
6-7	N 46°00' W	990'
7-8	S 73°00' E	1050'
8-9	N 38°30' E	155'
9-10	N 12°00' W	890'
10-11	N 25°00' E	277'
11-12	N 28°21' W	508'
12-13	S 63°00' E	241'
13-14	S 38°30' E	400'
14-15	S 27°00' E	1380'
15-16	S 11°00' E	1350'
16-17	S 58°00' E	135'
17-18	N 35°00' E	174'
18-19	N 40°00' W	174'
19-20	N 76°30' W	636'
20-21	N 53°30' W	314'
21-22	N 01°30' W	878'
22-23	N 90°00' E	935'
23-24	N 10°00' E	145'
24-25	N 58°30' W	662'
25-26	N 89°00' W	781'
26-27	N 69°00' E	1210'
27-28	N 89°00' W	90'
28-29	N 89°00' W	70'
29-30	N 41°30' W	470'
30-31	N 19°00' E	185'
31-32	S 67°00' W	450'
32-33	N 19°00' E	535'
33-34	N 46°15' W	345'
34-35	S 88°00' W	300'
35-36	N 70°44' E	965'
36-37	N 22°00' E	175'
37-38	N 47°00' W	450'
38-39	N 41°00' E	100'
39-40	S 84°30' E	546'
40-41	N 23°00' E	253'
41-42	N 46°15' W	535'
42-43	N 26°00' W	345'
43-44	S 58°30' E	1030'
44-45	S 28°00' E	220'
45-46	S 23°36' E	683'
46-47	N 61°08' E	984'
47-48	N 56°00' W	850'
48-49	N 49°00' W	220'
49-50	N 42°00' W	535'
50-51	N 43°30' E	350'
51-52	N 75°25' W	1683'
52-53	N 28°00' W	320'
53-54	N 50°20' E	550'
54-55	N 30°15' W	200'
55-56	N 95°00' W	265'
56-57	S 47°53' W	160'
57-58	N 82°40' W	350'
58-59	N 48°00' E	610'
59-60	N 05°00' W	545'
60-61	N 05°00' W	100'
61-62	N 77°30' W	1360'
62-63	S 44°00' W	247'
63-64	N 18°00' E	300'
64-65	N 20°00' W	380'
65-66	N 15°00' W	190'
66-67	S 80°30' E	312'
67-68	N 63°30' E	280'
68-69	S 71°00' E	841'
69-70	N 13°00' W	563'
70-71	N 13°00' W	400'
71-72	S 61°00' E	285'
72-73	S 21°00' E	180'
73-74	S 27°30' E	1415'
74-75	S 86°30' E	210'
75-76	N 17°00' W	1600'
76-77	N 46°30' W	340'
77-78	N 39°00' W	764'
78-79	S 22°00' E	179'
79-80	N 70°15' E	270'
80-81	N 80°00' E	432'
81-82	S 49°00' W	203'
82-83	S 67°00' E	150'
83-84	S 41°30' W	455'
84-85	S 55°30' E	330'
85-86	S 55°30' E	330'
86-87	S 05°00' W	120'
87-88	S 39°00' W	465'
88-89	S 01°04' E	403'
89-90	N 81°30' E	122'
90-91	S 38°30' E	420'
91-92	S 38°30' E	420'
92-93	N 79°00' W	398'
93-94	S 32°00' W	258'
94-95	S 25°00' E	468'
95-96	N 47°00' E	700'
96-97	S 35°00' E	360'
97-98	S 23°00' W	303'
98-99	S 71°30' W	147'
99-100	S 34°00' W	305'

From - To	Bearing	Distance
101-102	S 07°00' E	315'
102-103	N 42°00' E	305'
103-104	N 70°00' E	290'
104-105	S 37°00' E	138'
105-106	S 45°00' W	320'
106-107	S 18°30' W	445'
107-108	N 72°00' E	580'
108-109	S 32°30' E	160'
109-110	S 48°00' W	455'
110-111	S 85°30' E	770'
111-112	S 65°00' W	600'
112-113	S 68°00' E	230'
113-114	S 07°30' W	270'
114-115	N 87°20' E	670'
115-116	S 36°30' E	547'
116-117	N 58°30' E	206'
117-118	S 06°30' E	277'
118-119	N 19°00' E	918'
119-120	N 38°00' W	480'
120-121	N 23°15' E	340'
121-122	N 70°30' W	790'
122-123	N 71°15' E	630'
123-124	N 41°45' E	465'
124-125	S 83°45' W	550'
125-126	N 46°30' E	525'
126-127	N 09°00' W	55'
127-128	N 08°00' W	1040'
128-129	S 43°00' E	240'
129-130	S 57°00' E	345'
130-131	S 22°00' E	381'
131-132	N 23°00' E	338'
132-133	N 10°50' W	420'
133-134	N 16°15' E	460'
135-136	N 24°30' W	319'
136-137	S 78°00' E	136'
137-138	S 83°00' W	136'
138-139	S 83°00' W	136'
139-140	S 40°00' E	189'
141-142	S 03°45' W	294'
142-143	S 03°45' W	411'
143-144	S 55°30' W	462'
144-145	S 69°30' W	234'
145-146	S 00°00' E	155'
146-147	S 60°00' W	375'
147-148	S 65°00' W	570'
148-149	S 47°00' E	434'
149-150	S 02°30' W	225'
150-151	S 73°00' W	290'
151-152	S 73°00' W	310'
152-153	S 25°00' W	725'
153-154	N 62°06' E	815'
154-155	N 35°00' E	489'
155-156	N 62°30' E	723'
157-158	S 67°00' W	2'
158-159	S 03°25' E	23'
160-161	S 62°00' W	162'
161-162	N 50°00' W	110'
162-163	S 63°30' W	225'
163-164	S 13°15' E	330'
164-165	S 58°45' E	413'
166-167	S 39°00' W	538'
167-168	S 83°30' E	379'



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREET
- COUNTY BOUNDARY
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 INTERNATIONAL FOOT.

1. GERRARD SINKLER, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA HAS REVIEWED THIS PROJECT AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINE SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP REVISIONING ACT AND THE PROJECT BOUNDARY LINE IS BEING BOUND BY THE PROJECT BOUNDARY LINE. THE PROJECT BOUNDARY LINE IS BEING BOUND BY THE PROJECT BOUNDARY LINE. THE PROJECT BOUNDARY LINE IS BEING BOUND BY THE PROJECT BOUNDARY LINE.

DATE: FEBRUARY 2009

**EXHIBIT G SHEET G-53**

DETAIL MAP OF PROJECT AREA

SHEET 53 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

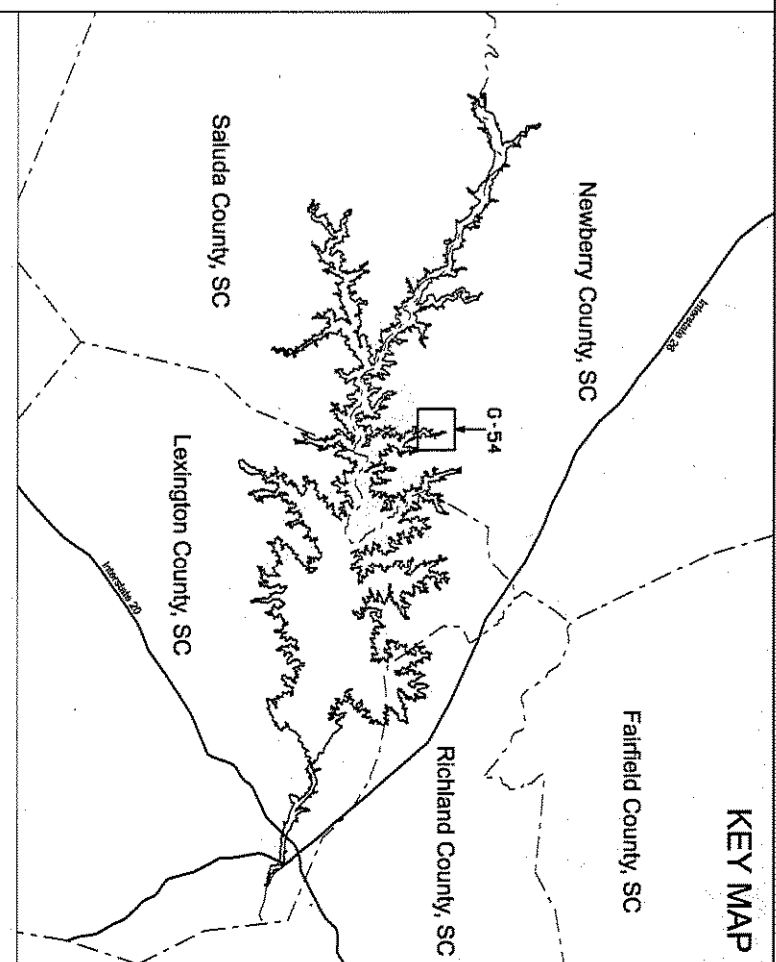
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 13°00' W	70'
1-2	S 61°00' E	140'
2-3	N 17°00' W	44'
3-4	N 46°30' W	340'
4-5	N 46°30' W	1228'
5-6	N 39°00' W	698'
6-7	N 10°30' E	150'
7-8	N 78°00' E	370'
8-9	N 11°15' W	530'
9-10	N 53°00' E	110'
10-11	S 83°30' E	609'
11-12	N 35°00' E	671'
12-13	N 05°45' W	85'
13-14	N 05°45' W	380'
14-15	N 30°00' W	570'
15-16	N 02°00' W	511'
16-17	S 37°00' E	319'
17-18	S 43°30' E	1073'
18-19	N 50°00' E	164'
19-20	N 28°00' E	475'
20-21	N 12°15' W	700'
21-22	N 04°00' W	820'
22-23	N 05°30' E	765'
23-24	N 47°45' W	915'
24-25	N 21°00' E	622'
25-26	N 71°15' E	203'
26-27	N 23°30' W	520'
27-28	S 67°30' E	330'
28-29	S 16°00' E	282'
29-30	S 17°30' W	670'
30-31	S 56°30' E	750'
31-32	S 13°45' E	680'
32-33	S 14°30' W	455'
33-34	S 08°00' E	350'
34-35	N 74°00' E	270'
35-36	S 62°00' E	270'
36-37	S 04°00' E	670'
37-38	N 04°00' E	230'
38-39	S 86°00' E	290'
39-40	S 49°00' W	140'
40-41	S 16°00' E	300'
41-42	S 24°00' W	320'
42-43	S 14°00' E	185'
43-44	S 79°00' E	90'
44-45	S 33°00' W	244'
45-46	N 84°15' W	639'
46-47	S 08°00' W	650'
47-48	S 29°30' W	310'
48-49	S 77°00' E	594'
49-50	S 22°00' E	320'
50-51	N 70°15' E	270'
51-52	N 80°00' E	460'
52-53	S 49°00' W	210'
53-54	S 87°00' E	180'
54-55	S 41°30' W	455'
55-56	S 55°30' E	330'
56-57	S 05°00' W	120'
57-58	S 89°00' W	465'
58-59	S 01°04' E	74'
59-60	N 24°30' W	133'
60-61	S 78°00' E	135'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND INTERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 AND -81'S, THE PROJECT BOUNDARY HEREIN IS NOT BEING RECORDED. S.C.E. & G. ENGINEERS HAVE REVIEWED THE RECORD RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SIGNED BY OWNERS. THE STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD MAP ACTING AS A SCALE APPROXIMATELY 1" = 500 FEET.

1. ORLAND SINKLER, A PROFESSIONAL SURVEYOR, HAS REVIEWED THIS MAP AND HAS DETERMINED THAT THE PLANNING AND CONTROLS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP REVISION ACT AND THE PROFESSIONAL SURVEYING ACT. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN HEREIN, AND THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN HEREIN, ARE BASED ON S.C.E. & G. SURVEYS AND CONTROLS.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY ANDREW J. HARRIS, A PROFESSIONAL SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13163. HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN HEREIN, AND THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN HEREIN, ARE BASED ON S.C.E. & G. SURVEYS AND CONTROLS.

DATE: FEBRUARY 2009

SC HAS 13163

EXHIBIT G SHEET G-54

DETAIL MAP OF PROJECT AREA

SHEET 54 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

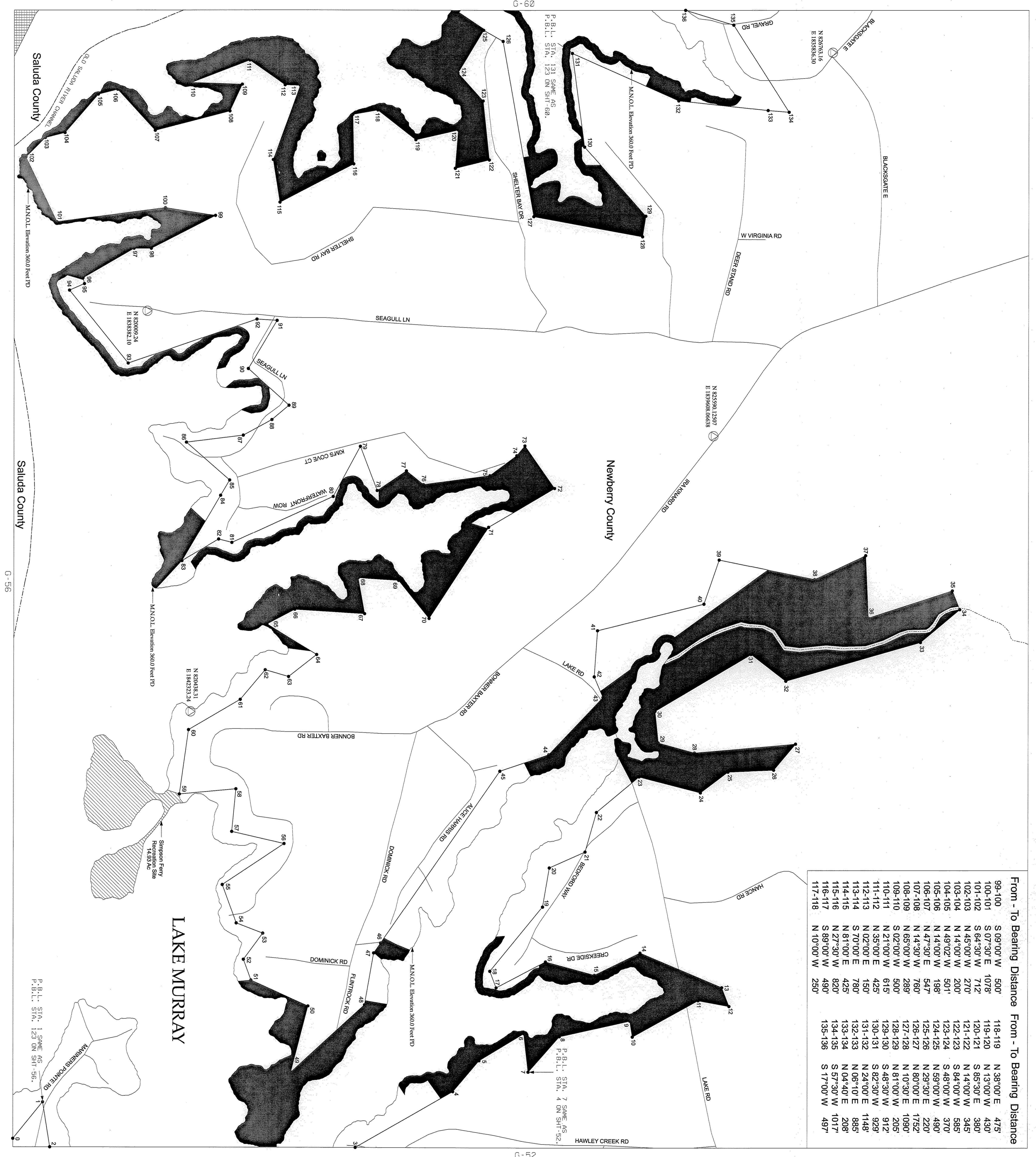
DATE: FEBRUARY 2009





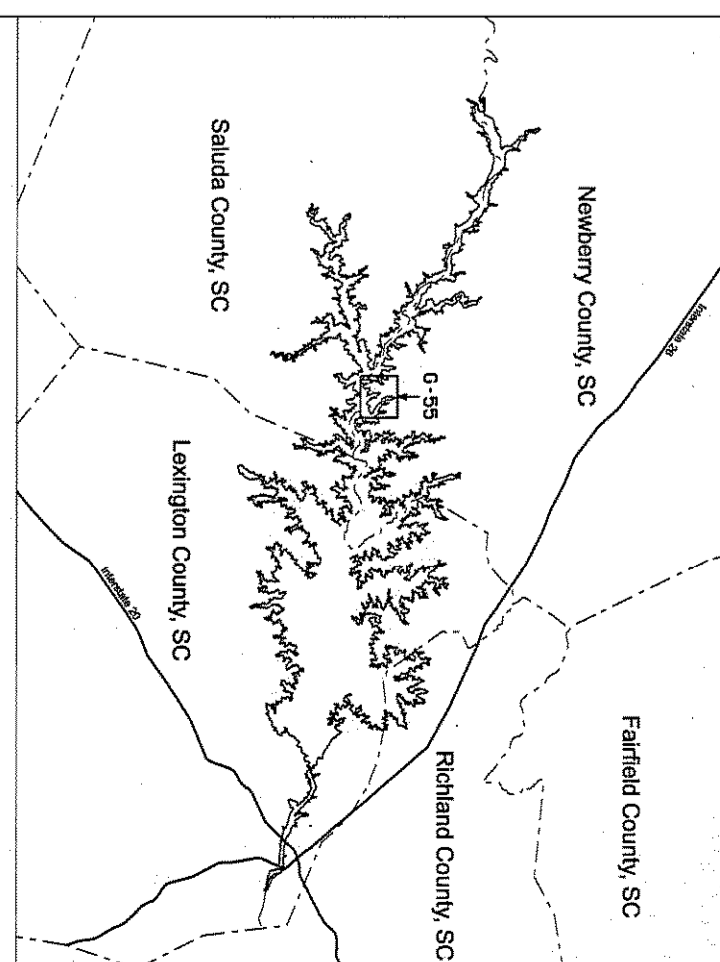
Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 51°00' W	486'
1-2	N 81°00' E	451'
2-3	N 30°00' W	109'
3-4	N 49°40' W	400'
4-5	N 31°15' W	515'
5-6	N 83°30' E	380'
6-7	N 48°30' W	485'
7-8	N 12°30' W	711'
8-9	N 81°00' E	159'
9-10	N 29°00' W	740'
10-11	N 10°30' E	310'
11-12	S 69°00' W	200'
12-13	S 23°00' W	875'
13-14	S 26°00' E	500'
14-15	S 15°15' W	500'
15-16	S 28°00' E	550'
16-17	S 69°15' W	175'
17-18	N 50°50' W	820'
18-19	N 80°15' W	380'
19-20	N 24°00' W	385'
20-21	N 74°00' W	405'
21-22	N 39°45' W	545'
22-23	N 14°30' E	625'
23-24	N 37°00' W	340'
24-25	N 02°20' W	450'
25-26	N 50°00' W	335'
26-27	S 05°00' E	1000'
27-28	S 19°30' W	369'
28-29	S 84°00' W	312'
29-30	N 30°30' W	1088'
30-31	N 37°30' E	430'
31-32	N 16°00' W	1380'
32-33	N 40°00' W	505'
33-34	S 68°30' W	200'
34-35	S 18°00' E	870'
35-36	S 87°30' W	615'
36-37	S 25°00' E	555'
37-38	S 11°30' W	960'
38-39	S 71°00' E	460'
39-40	S 14°00' E	1080'
40-41	S 86°00' E	455'
41-42	N 67°00' E	220'
42-43	S 46°30' E	775'
43-44	S 18°50' E	508'
44-45	S 55°20' E	2080'
45-46	S 59°20' E	120'
46-47	S 80°00' E	520'
47-48	S 42°30' E	985'
48-49	N 75°30' W	674'
49-50	S 24°30' W	619'
50-51	S 70°00' W	217'
51-52	N 53°30' W	320'
52-53	S 21°00' W	280'
53-54	S 70°00' W	405'
54-55	N 33°30' W	730'
55-56	S 13°00' W	530'
56-57	N 84°30' W	420'
57-58	S 05°15' E	560'
58-59	N 82°00' W	640'
59-60	N 30°15' W	590'
60-61	N 49°45' W	380'
61-62	N 16°00' E	240'
62-63	N 36°00' W	352'
63-64	S 31°30' W	575'
64-65	N 03°30' E	310'
65-66	S 79°45' W	380'
66-67	N 03°30' E	400'
67-68	N 51°15' E	480'
68-69	N 57°00' W	1075'
69-70	N 30°30' W	754'
70-71	S 55°00' W	510'
71-72	S 50°00' E	125'
72-73	S 36°30' E	330'
73-74	S 07°45' E	660'
74-75	S 34°00' E	215'
75-76	S 38°30' W	347'
76-77	S 69°00' W	464'
77-78	S 61°30' E	561'
78-79	S 24°30' E	1098'
79-80	S 14°30' W	135'
80-81	S 30°30' E	420'
81-82	N 59°30' W	175'
82-83	S 41°00' W	565'
83-84	N 07°00' W	555'
84-85	N 28°27' W	321'
85-86	N 40°00' W	220'
86-87	S 42°00' W	540'
87-88	N 59°00' W	550'
88-89	S 03°45' W	200'
89-90	S 18°45' E	1340'
90-91	S 51°00' W	920'
91-92	N 23°30' W	160'
92-93	S 77°00' W	60'
93-94	N 30°0' W	590'
94-95	N 00°00' E	170'
95-96	N 27°00' W	710'
96-97		
97-98		
98-99		



From - To	Bearing	Distance	From - To	Bearing	Distance
99-100	S 09°00' W	500'	118-119	N 38°00' E	475'
100-101	S 07°30' E	1078'	119-120	N 13°00' W	430'
101-102	S 64°30' W	712'	120-121	S 85°30' E	380'
102-103	N 45°00' W	270'	121-122	N 14°00' W	345'
103-104	N 14°00' W	200'	122-123	S 84°00' W	585'
104-105	N 49°02' W	501'	123-124	S 48°30' W	370'
105-106	N 14°00' W	198'	124-125	N 59°00' W	490'
106-107	N 47°30' E	547'	125-126	N 29°30' E	220'
107-108	N 14°30' W	760'	126-127	N 80°00' E	1752'
108-109	N 65°00' W	289'	127-128	N 10°30' E	1090'
109-110	S 02°00' W	500'	128-129	N 81°00' W	205'
110-111	N 21°00' W	615'	129-130	S 48°30' W	912'
111-112	N 35°00' E	425'	130-131	S 82°30' W	929'
112-113	N 02°00' E	150'	131-132	N 24°00' E	1148'
113-114	N 113-114	780'	132-133	N 08°10' E	1885'
114-115	N 01°00' E	425'	133-134	N 04°40' E	208'
115-116	N 27°30' W	820'	134-135	S 57°30' W	1017'
116-117	S 89°00' W	490'	135-136	S 17°00' W	497'
117-118	N 10°00' W	250'			

KEY MAP



LEGEND

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREET
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

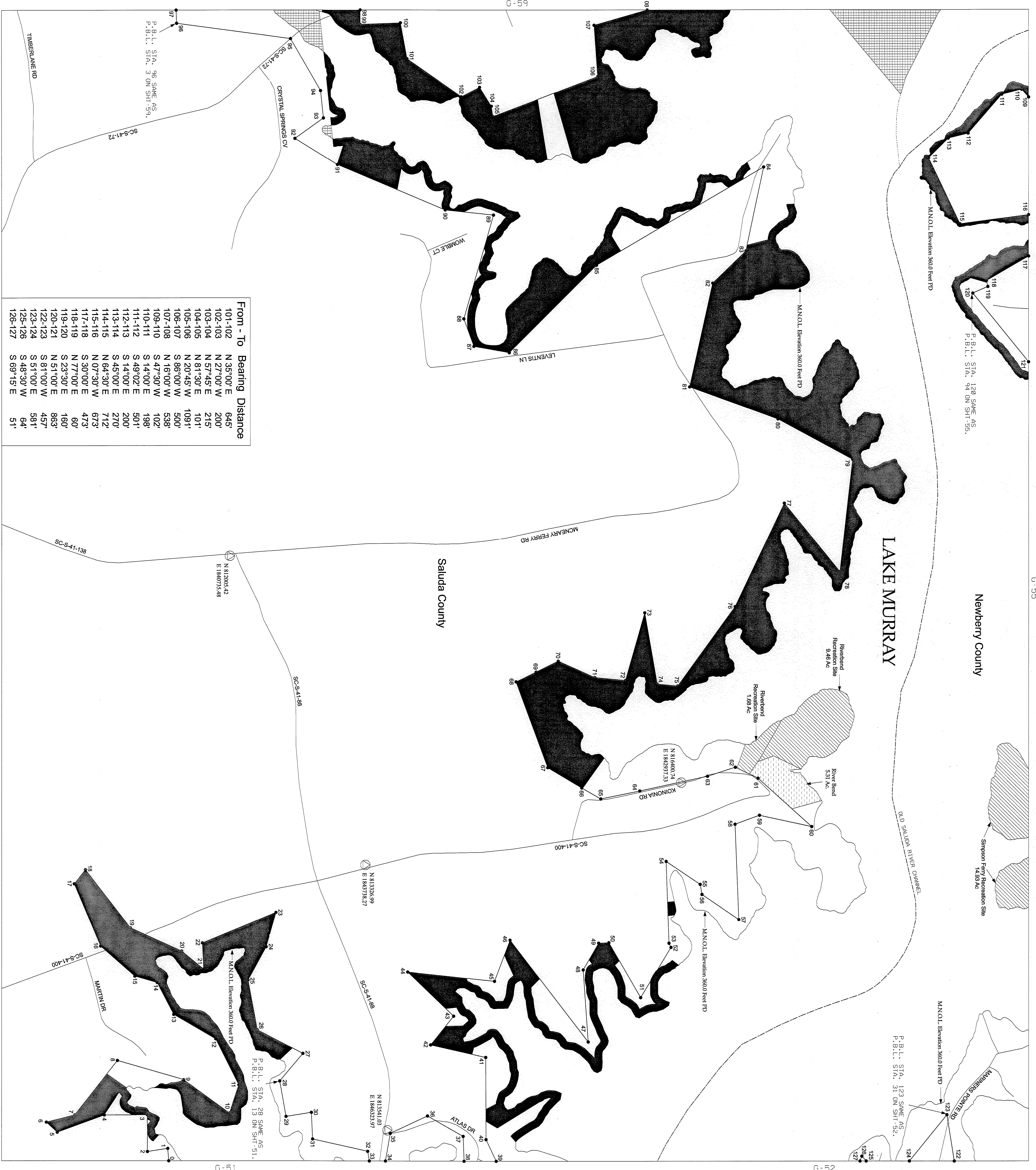
VERTICAL DATUM BASED ON NAD83 FEET.  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (P.D.) TO CONVERT FROM S.C.E. & G. PLANT DATA (PD) TO NAD83 AND 81.5'. THE PROJECT BOUNDARY HEREIN IS DEFINED BASED ON THE PHOTOGRAMMETRIC METHODS KNOWN BY OTHER SURVEYS. ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 FEET.  
 THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY  
 I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13156, HAVE RECEIVED THIS PORTION OF THE LATE NEWBERRY PROJECT BOUNDARY SHOWN HEREIN. THE ESSENTIAL RIGHTS AND FLOWAGE RIGHTS SHOWN ON THIS MAP ARE THE PROPERTY OF SALUDA HYDROELECTRIC PROJECT NO. 516 SOUTH CAROLINA ELECTRIC & GAS COMPANY AND NOT CONSIDERED AS A PART OF THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP.  
 I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13156, HAVE RECEIVED THIS PORTION OF THE LATE NEWBERRY PROJECT BOUNDARY SHOWN HEREIN. THE ESSENTIAL RIGHTS AND FLOWAGE RIGHTS SHOWN ON THIS MAP ARE THE PROPERTY OF SALUDA HYDROELECTRIC PROJECT NO. 516 SOUTH CAROLINA ELECTRIC & GAS COMPANY AND NOT CONSIDERED AS A PART OF THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP.  
 I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13156, HAVE RECEIVED THIS PORTION OF THE LATE NEWBERRY PROJECT BOUNDARY SHOWN HEREIN. THE ESSENTIAL RIGHTS AND FLOWAGE RIGHTS SHOWN ON THIS MAP ARE THE PROPERTY OF SALUDA HYDROELECTRIC PROJECT NO. 516 SOUTH CAROLINA ELECTRIC & GAS COMPANY AND NOT CONSIDERED AS A PART OF THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP.  
 I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13156, HAVE RECEIVED THIS PORTION OF THE LATE NEWBERRY PROJECT BOUNDARY SHOWN HEREIN. THE ESSENTIAL RIGHTS AND FLOWAGE RIGHTS SHOWN ON THIS MAP ARE THE PROPERTY OF SALUDA HYDROELECTRIC PROJECT NO. 516 SOUTH CAROLINA ELECTRIC & GAS COMPANY AND NOT CONSIDERED AS A PART OF THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP.

EXHIBIT G SHEET G-55  
 DETAIL MAP OF PROJECT AREA  
 SHEET 95 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 400 FEET  
 DATE: FEBRUARY 2009  
 S.C. REG. 13165  
 GARY D. EATON

DATE: FEBRUARY 2009  
 SCALE: 1 INCH = 400 FEET  
 0 400 800 1,600  
 FEET

Project Boundary Line

From - To	Bearing	Distance
0-1	S 85°25' W	122'
1-2	S 08°45' E	200'
2-3	S 89°50' W	388'
3-4	S 00°20' E	418'
4-5	S 20°10' E	488'
5-6	S 42°45' W	145'
6-7	N 14°30' W	285'
7-8	N 51°50' W	673'
8-9	N 16°00' E	672'
9-10	N 36°05' E	551'
10-11	N 71°40' W	289'
11-12	S 63°15' W	500'
12-13	S 30°15' W	473'
13-14	S 62°30' W	350'
14-15	S 15°55' W	228'
15-16	S 41°20' W	444'
16-17	S 67°10' W	662'
17-18	N 52°00' W	177'
18-19	N 52°30' E	548'
19-20	N 24°20' E	277'
20-21	N 39°30' E	235'
21-22	S 87°10' W	777'
22-23	N 22°35' W	350'
23-24	S 74°15' E	389'
24-25	S 61°20' E	369'
25-26	N 79°30' E	493'
26-27	N 27°30' E	500'
27-28	S 49°50' E	350'
28-29	N 79°50' E	350'
29-30	N 09°10' W	230'
30-31	N 87°20' E	260'
31-32	N 12°35' E	550'
32-33	N 80°30' E	98'
33-34	N 80°05' W	275'
34-35	N 25°10' W	400'
35-36	N 29°45' E	400'
36-37	N 87°50' E	243'
37-38	N 87°50' E	243'
39-40	S 64°50' W	233'
40-41	S 89°45' W	800'
41-42	S 12°40' W	550'
42-43	S 51°25' W	359'
43-44	S 43°50' W	620'
44-45	N 06°00' E	850'
45-46	N 69°23' W	429'
46-47	N 52°30' E	1250'
47-48	S 88°30' W	703'
48-49	N 80°00' W	301'
49-50	N 02°45' W	100'
50-51	N 60°00' E	619'
51-52	N 58°50' W	571'
52-53	S 64°00' W	45'
53-54	S 88°00' W	800'
54-55	N 34°00' E	400'
55-56	N 80°00' E	100'
56-57	N 34°30' E	435'
57-58	S 87°45' W	930'
58-59	N 20°00' W	253'
59-60	N 12°18' E	521'
60-61	S 42°02' W	704'
61-62	S 26°00' W	246'
62-63	S 18°00' E	285'
63-64	S 12°15' E	675'
64-65	S 11°25' E	387'
65-66	S 30°00' W	214'
66-67	S 30°50' W	386'
67-68	S 69°45' W	890'
68-69	N 26°15' W	217'
69-70	N 26°00' W	240'
70-71	N 24°00' E	390'
71-72	N 05°30' E	300'
72-73	N 74°00' W	680'
73-74	N 80°00' E	700'
74-75	N 05°30' E	200'
75-76	N 54°00' W	950'
76-77	N 64°30' W	1115'
77-78	N 51°00' E	859'
78-79	N 83°30' W	1100'
79-80	S 28°24' W	825'
80-81	S 20°00' W	915'
81-82	N 77°30' W	1035'
82-83	N 44°00' W	450'
83-84	N 78°00' W	830'
84-85	S 30°17' E	1884'
85-86	S 45°00' E	1201'
86-87	S 10°00' W	285'
87-88	S 70°00' W	285'
88-89	N 74°00' W	1047'
89-90	S 06°00' W	473'
90-91	S 22°46' W	1138'
91-92	S 31°45' W	487'
92-93	N 35°30' W	342'
93-94	S 84°00' W	585'
94-95	S 60°00' W	585'
95-96	S 07°45' W	1120'
96-97	S 87°58' W	128'
98-99	N 90°00' E	140'
99-100	N 02°15' W	392'
100-101	N 79°40' E	354'



From - To	Bearing	Distance
101-102	N 35°00' E	645'
102-103	N 27°00' W	200'
103-104	N 57°45' E	215'
104-105	N 81°30' E	101'
105-106	N 20°45' W	1091'
106-107	S 86°00' W	500'
107-108	N 16°00' W	538'
108-109	S 47°30' W	102'
110-111	S 14°00' E	198'
111-112	S 49°02' E	501'
112-113	S 14°00' E	200'
113-114	S 45°00' E	270'
114-115	N 64°30' E	712'
115-116	N 07°30' W	673'
117-118	S 30°00' E	473'
118-119	N 77°00' E	60'
119-120	S 23°30' E	160'
120-121	N 51°00' E	863'
122-123	S 81°00' W	457'
123-124	S 51°00' E	581'
124-125	S 48°30' W	457'
125-126	S 69°15' E	64'
126-127	S 69°15' E	51'

**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOODING AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOODING AT A MINIMUM BELOW M.N.O.L.
- RECREATION AREAS
- PROPERTY OWNED IN FEE BY S.C.E. & G. PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-56**

DETAIL MAP OF PROJECT AREA

SHEET 56 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**NOTICE**

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MGD68 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO MGD68 ON S.C.E. & G. SHEETS AND RECORDS, SEE THE PROJECT RECORDS UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND SURVEYED BY SHERIDAN, INC.

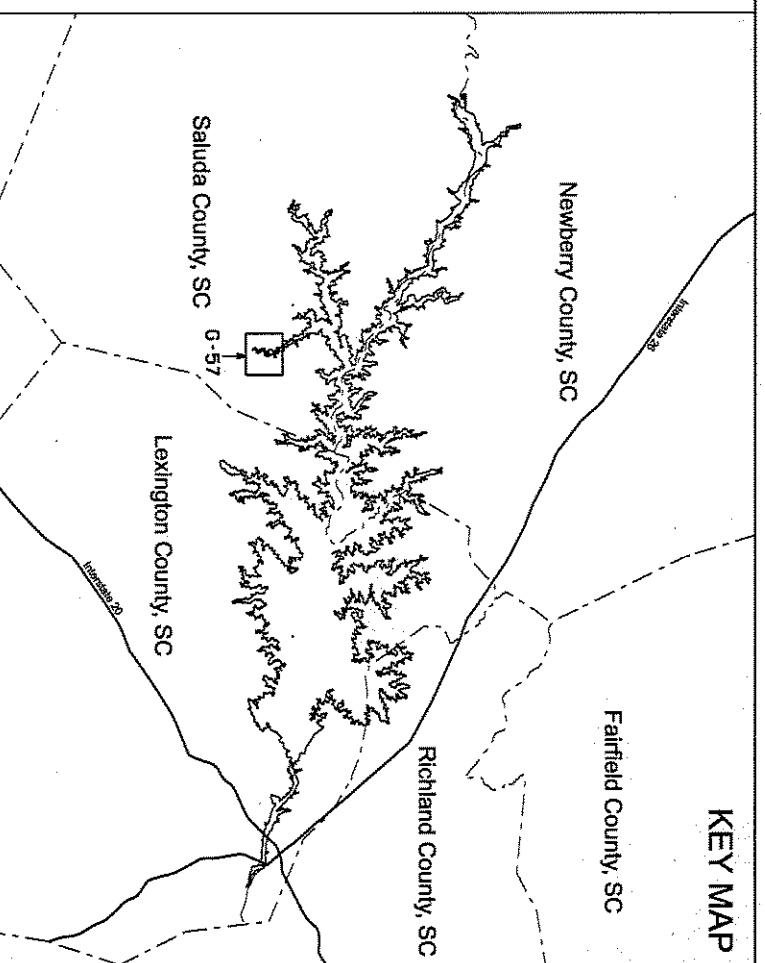
STIPPLED LATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDIZATION PROCESS FOR SURVEYING AND MAPPING SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EDWIN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEY WAS CONDUCTED BY SHERIDAN, INC. UNDER MY DIRECT SUPERVISION. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE OUTSIDE THE PROJECT BOUNDARY, AND THE PROJECT BOUNDARY LINES THAT ARE OUTSIDE THE PROJECT BOUNDARY ARE NOT TO BE CONSIDERED AS RECORDS.

THIS COMPANY HAS PERSONALLY INSPECTED AND CHECKED BY GENERAL SURVEYING METHODS ON SURVEY INSTRUMENTS THAT THIS SURVEYING WORK WAS ACCURATE AND THAT THE INFORMATION SHOWN ON THIS MAP IS CORRECT.

GARY EDWIN  
Professional Land Surveyor  
S.C. P.L.S. #13163

Project Boundary Line Traverse		
From - To	Bearing	Distance
0-1	S 31°58' E	282
1-2	S 43°00' E	940
2-3	S 19°00' W	921
3-4	N 54°00' E	868
4-5	S 33°00' E	490
5-6	S 34°00' W	380
6-7	N 72°30' E	400
7-8	S 41°30' E	540
8-9	S 28°45' W	425
9-10	S 78°00' W	606
10-11	S 10°00' W	508
11-12	S 10°00' W	388
12-13	S 62°00' E	440
13-14	N 75°00' E	440
14-15	S 43°00' E	781
15-16	S 18°00' E	395
16-17	S 68°00' W	180
17-18	N 59°30' W	575
18-19	S 61°00' W	470
19-20	S 22°00' W	591
20-21	S 54°00' W	400
21-22	N 64°00' W	612
22-23	S 01°00' E	1000
23-24	S 31°30' E	975
24-25	S 23°00' W	410
25-26	S 68°24' W	784
26-27	S 02°00' E	190
27-28	S 45°15' E	870
28-29	N 65°00' E	190
29-30	N 46°30' W	770
30-31	N 59°30' E	1015
31-32	N 12°40' W	1068
32-33	S 42°00' W	510
33-34	S 12°30' E	552
34-35	S 88°30' E	289
35-36	N 09°30' E	130
36-37	N 08°30' W	1200
37-38	S 73°00' W	350
38-39	N 25°00' W	180
39-40	N 02°00' E	300
40-41	N 58°30' E	840
41-42	N 12°32' W	430
42-43	N 36°38' E	249
43-44	S 44°00' E	789
44-45	N 58°02' E	359
45-46	N 01°28' E	381
46-47	N 62°45' E	325
47-48	N 27°20' W	1850
48-49	N 48°00' E	970
49-50	S 23°30' E	430
50-51	N 44°00' E	180
51-52	N 13°00' W	580
52-53	S 38°00' W	780
53-54	N 80°00' W	500
54-55	N 18°00' W	350
55-56	N 50°00' E	560
56-57	N 76°00' W	245
57-58	S 50°00' W	415
58-59	N 43°00' W	250
59-60	N 40°00' E	230
60-61	N 13°00' W	220
61-62	N 77°00' W	350
62-63	N 08°00' E	760
63-64	S 30°00' W	99
65-66	S 30°00' W	40
66-67	N 40°00' W	46



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ▨ ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - ▨ PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - ▨ PROPERTY OWNED IN FEE BY S.C.E. & G. - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (P.D.). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD83, ADD 1.25 FEET TO ALL ELEVATIONS. ALL ELEVATIONS SHOWN ON S.C.E. & G. SURVEYS AND RECORDS SURVEYS AND DEEDS OR RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE PROJECT BOUNDARY LINE AS PROVIDED BY S.C.E. & G. AND NOTED BY ORBITS INC.

STIPPLED/SHADING AREAS IN DRAWINGS ARE INTENTIONAL. MAP ACCORDING STANDARDS. PHOTOGRAPHICALLY TAKEN AT A SCALE APPROXIMATELY 1 INCH = 680 FEET.

1. GRADING, SURVEILING, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, PHOTOGRAMMETRIC SURVEYING/MAPPING HAVE REVIEWED THE LAKE HARRY PROJECT MAPS. THE PLANNING AND CONSTRUCTION SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE MAPS AND RECORDS SHOWN ON S.C.E. & G. SURVEYS AND RECORDS SURVEYS AND DEEDS OR RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN ON THE PROJECT BOUNDARY LINE AS PROVIDED BY S.C.E. & G. AND NOTED BY ORBITS INC.

ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND DERIVED BY GERARD SIGNALING, INC. (2005), ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE HARRY PROJECT MAPS. THE PROJECT BOUNDARY LINE, ESSEMENT RIGHTS, FLOWAGE AT A MINIMUM BETWEEN P.B.L. AND RIVERBANK, AND THE PROJECT BOUNDARY LINE ARE SHOWN ON THIS MAP THAT ARE IN ACCORDANCE WITH THE LAKE HARRY PROJECT MAPS AND RECORDS SHOWN ON S.C.E. & G. SURVEYS AND RECORDS SURVEYS AND DEEDS OR RECORD UNLESS OTHERWISE NOTED.

*Howdy Eton*  
S.C. PLS#13163

EXHIBIT G SHEET G-57

DETAIL MAP OF PROJECT AREA  
SHEET 57 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

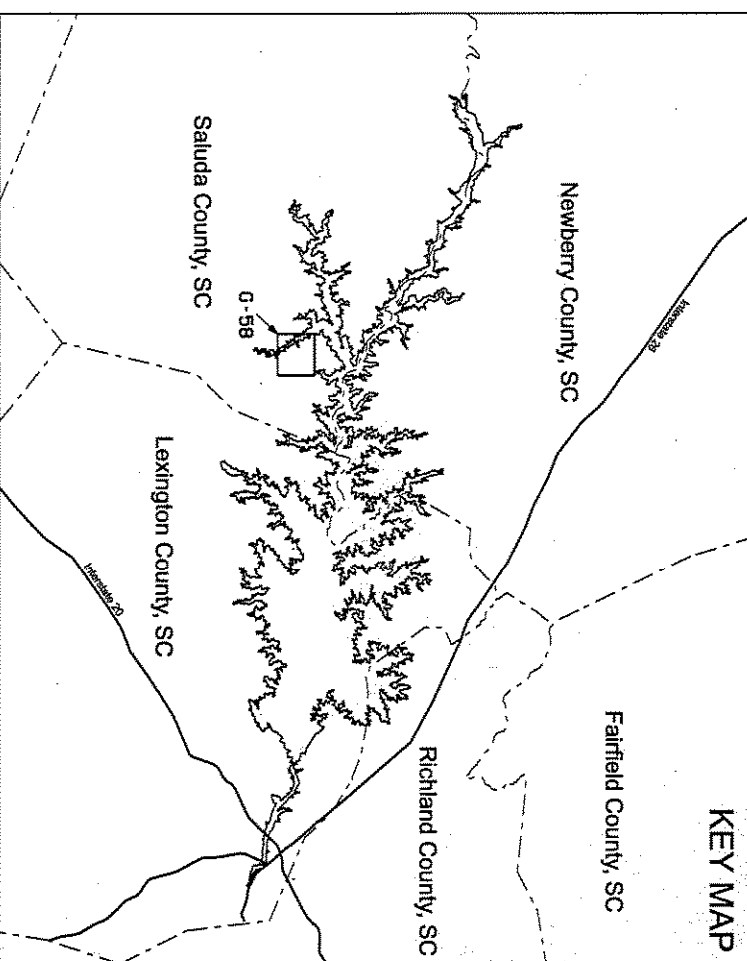
SCALE: 1 INCH = 400 FEET

0 400 800 1,600  
FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 33°00' W	449'
1-2	S 64°00' W	640'
2-3	N 19°00' E	779'
3-4	N 43°00' W	940'
4-5	N 31°58' W	633'
5-6	N 20°00' W	988'
6-7	S 52°00' W	1224'
7-8	N 17°00' E	680'
8-9	N 66°30' E	510'
9-10	N 32°00' W	915'
10-11	S 60°00' W	800'
11-12	N 22°00' E	530'
12-13	N 32°00' W	250'
13-14	N 18°05' E	250'
14-15	S 83°30' W	1102'
15-16	S 38°35' E	739'
16-17	S 38°35' E	592'
17-18	N 41°51' E	739'
18-19	N 12°00' W	625'
19-20	S 70°10' W	150'
20-21	N 25°00' W	370'
21-22	S 68°00' W	201'
22-23	N 16°30' E	798'
23-24	N 98°05' W	227'
24-25	S 76°30' E	1457'
25-26	S 68°00' W	420'
26-27	N 89°45' W	928'
27-28	S 84°00' W	178'
28-29	S 69°00' E	838'
29-30	S 14°30' E	936'
30-31	N 55°00' E	270'
31-32	S 83°30' E	270'
32-33	S 12°00' E	657'
33-34	S 47°00' W	399'
34-35	S 19°30' E	830'
35-36	N 62°15' E	580'
36-37	N 52°15' E	570'
37-38	N 48°30' E	710'
38-39	S 88°00' E	370'
39-40	S 23°00' E	190'
40-41	S 58°00' W	1050'
41-42	N 83°00' W	626'
42-43	S 25°00' W	224'
43-44	S 26°30' E	519'
44-45	N 89°00' E	573'
45-46	S 11°00' E	280'
46-47	N 80°45' E	60'
47-48	S 04°00' E	351'
48-49	S 41°00' E	563'
49-50	S 33°00' W	220'
50-51	S 28°00' E	307'
51-52	N 55°32' E	350'
52-53	S 30°01' E	431'
53-54	S 53°00' W	459'
54-55	S 40°00' E	997'
55-56	N 30°00' E	680'
56-57	S 16°00' E	675'
57-58	S 08°00' W	760'
58-59	S 77°00' E	350'
59-60	S 13°00' E	220'
60-61	S 40°00' W	230'
61-62	S 43°00' E	250'
62-63	N 50°00' E	415'
63-64	S 76°00' E	245'
64-65	S 50°00' W	560'
65-66	S 18°00' E	121'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSITION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREET
  - COUNTY BOUNDARY
  - ▭ EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ▭ EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - ▭ PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT). VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN NAUT DATUM (FD). TO CONVERT FROM S.C.E. & G. PLAIN DATUM (PD) TO NAVD83 (FD) USE THE FOLLOWING EQUATION: NAVD83 (FD) = PLAIN DATUM (PD) + 0.578. ALL ELEVATIONS SHOWN ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OR RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT ARE SHOWN IN SHADING. THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON THIS MAP ARE THE RESULT OF THE PROJECT BOUNDARY SURVEY AND THE VERTICAL DATUM IS NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY DEBRAH SEMANALE, E-24635, ON JULY 2, 2009. THIS METHOD SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE PROJECT BOUNDARY SURVEY AND RECOMMENDED FLOWAGE EASEMENT RIGHTS ON THE LANDS SHOWN ON THIS MAP HAVE THE INTENT OF THE PROJECT BOUNDARY SURVEY AND THE VERTICAL DATUM IS NAVD83 (FEET).

2. GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE PROJECT BOUNDARY SURVEY AND RECOMMENDED FLOWAGE EASEMENT RIGHTS ON THE LANDS SHOWN ON THIS MAP HAVE THE INTENT OF THE PROJECT BOUNDARY SURVEY AND THE VERTICAL DATUM IS NAVD83 (FEET).

*Debrah Semanale*  
S.C. P.L.S./13163

**EXHIBIT G SHEET G-58**

DETAIL MAP OF PROJECT AREA  
SHEET 58 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

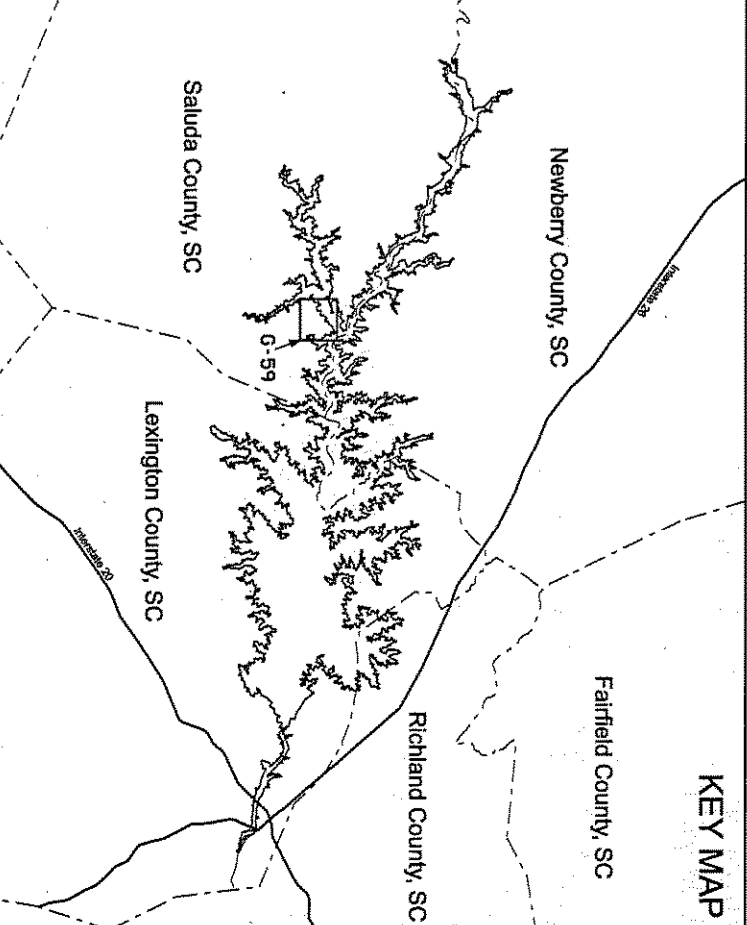
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009



Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	S 84°00' W	43
1-2	S 60°00' W	585
2-3	S 07°45' W	1120
3-4	S 87°58' W	611
4-5	C/L of Creek	1642
5-6	N 01°18' E	596
6-7	S 55°30' E	518
7-8	N 04°00' W	690
8-9	S 55°30' E	518
9-10	N 02°15' W	392
10-11	N 79°40' E	354
11-12	N 35°00' E	620
12-13	N 27°00' W	169
13-14	N 57°45' E	91
14-15	N 20°45' W	513
15-16	S 86°00' W	500
16-17	N 16°00' W	995
17-18	S 70°30' W	677
18-19	N 02°40' W	750
19-20	N 19°51' E	482
20-21	N 23°15' E	410
21-22	N 00°11' W	308
22-23	S 82°00' W	1215
23-24	N 08°15' W	430
24-25	N 37°00' E	207
25-26	N 08°15' W	430
26-27	N 74°00' E	810
27-28	N 55°15' W	410
28-29	N 28°00' W	360
29-30	S 28°00' W	360
30-31	N 61°00' W	220
31-32	S 42°26' W	712
32-33	S 74°00' W	739
33-34	S 14°00' W	433
34-35	S 46°30' W	1044
35-36	N 65°00' W	491
36-37	S 01°50' E	966
37-38	S 74°00' W	300
38-39	N 41°00' W	840
39-40	S 26°30' W	725
40-41	S 07°00' E	657
41-42	S 07°00' E	657
42-43	N 79°00' W	320
43-44	S 80°00' W	954
44-45	S 02°30' W	1046
45-46	S 79°00' W	1134
46-47	N 19°00' W	1204
47-48	S 57°00' W	500
48-49	S 62°40' E	480
49-50	S 60°00' W	590
50-51	N 52°15' W	410
51-52	S 50°30' W	297
52-53	S 51°00' E	573
53-54	S 31°00' W	1155
54-55	N 85°45' W	467
55-56	S 75°00' E	298
56-57	S 19°00' W	508
57-58	S 63°00' W	35
58-59	S 08°00' W	66
59-60	N 44°00' E	4
60-61	N 19°00' W	8
61-62	S 59°50' E	588
62-63	N 01°30' W	500
63-64	N 61°30' E	185
64-65	N 51°30' E	315
65-66	S 53°45' E	240
66-67	N 43°00' E	440
67-68	N 69°00' E	215
68-69	N 90°00' E	980
69-70	S 81°30' E	390
70-71	N 23°45' E	500
71-72	N 33°30' W	192
72-73	S 74°00' W	267
73-74	S 55°00' W	460
74-75	S 78°30' W	445
75-76	N 89°30' W	610
76-77	S 41°20' W	295
77-78	N 88°44' W	819
78-79	N 45°15' W	515
79-80	N 32°45' W	455
80-81	N 51°50' E	480
81-82	N 74°50' E	480
82-83	N 18°30' E	180
83-84	S 01°30' W	155
84-85	S 18°30' W	84
85-86	S 74°50' W	321
86-87	S 47°30' W	73
87-88	S 14°00' E	198
88-89	S 49°02' E	8



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR BETWEEN P.B.L.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 AND S.C.E. & G. PLANT DATUM (PD) TO NAVD83, SEE THE PROJECT BOUNDARY HEREIN. IS BEING USED TO RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONDUITS WERE PROVIDED BY S.C.E. & G. AND WAPED BY CH2M HILL.  
 STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS SHALL BE USED TO CORRELATE WITH NATIONAL A SCALE APPROXIMATELY 1" = 600 FEET.  
 1. GERRARD SENNEKER, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS PROJECT BOUNDARY AND CONTAINS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION PHOTOGRAMMETRIC METHODS UNDER AN OBJECT SURVEYS. ALL WORK IS BASED ON NAD83/2011 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).  
 THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY SENNEKER SURVEYING, INC. ON FEBRUARY 11, 2009. ANY REVISIONS SHALL NOT BE CONSIDERED A DERIVED DOCUMENT.  
 1. GARY FAYN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW OF THE LANDS SHOWN ON THIS MAP THAT ARE NOT RESPONDED TO HEREIN, THE PROJECT BOUNDARY LINES THAT ARE NOT RESPONDED TO HEREIN, AND THE PROJECT BOUNDARY LINES THAT ARE NOT RESPONDED TO HEREIN, ARE BASED ON THE SURVEYS AND RECORDS OF SENNEKER SURVEYING, INC. AND CH2M HILL.  
 SENNEKER SURVEYING, INC.  
 Gary Senneker  
 S.C. Maps 15103

**EXHIBIT G SHEET G-59**

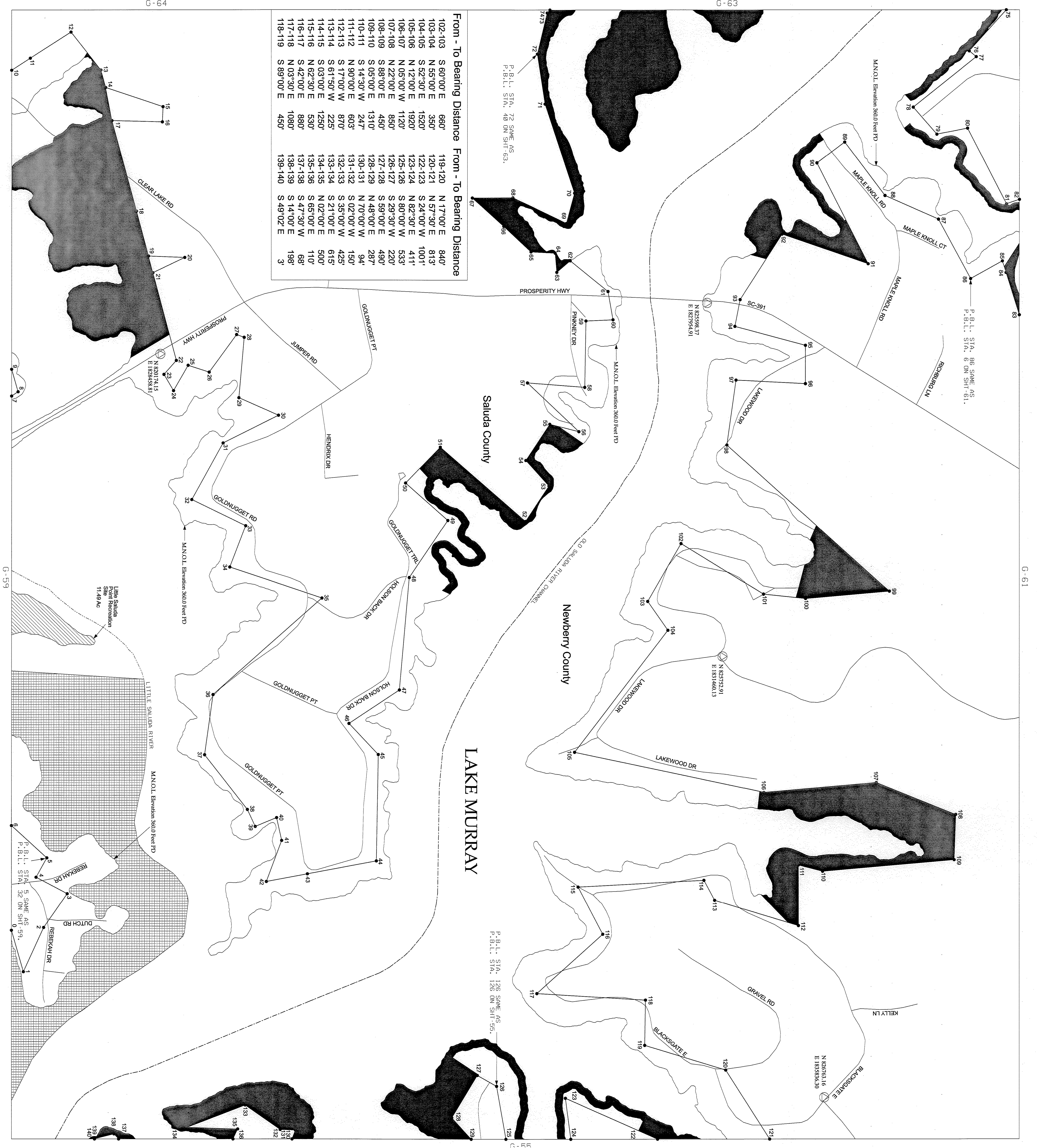
DETAIL MAP OF PROJECT AREA  
 SHEET 59 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 74°00' E	429'
1-2	N 65°21' W	484'
2-3	N 55°15' W	410'
3-4	S 28°00' W	380'
4-5	N 61°00' W	220'
5-6	S 42°28' W	476'
6-7	N 33°30' W	77'
7-8	S 74°00' W	232'
8-9	N 32°45' W	220'
9-10	N 32°45' W	220'
10-11	N 51°50' E	480'
11-12	N 32°45' W	480'
12-13	N 51°50' E	180'
13-14	N 74°50' E	180'
14-15	N 18°30' E	600'
15-16	S 87°30' E	150'
16-17	S 01°30' W	500'
17-18	N 74°50' E	932'
18-19	N 75°00' E	480'
19-20	N 02°15' E	360'
20-21	S 25°30' E	350'
21-22	N 25°00' E	388'
22-23	S 48°30' E	185'
23-24	N 59°30' E	187'
24-25	N 60°00' W	280'
25-26	N 18°00' E	220'
26-27	N 53°45' W	480'
27-28	N 20°00' E	80'
28-29	S 85°00' E	600'
29-30	N 24°00' E	431'
30-31	S 26°30' E	615'
31-32	S 61°00' E	641'
32-33	N 26°00' E	595'
33-34	S 69°00' E	440'
34-35	N 18°30' E	965'
35-36	S 41°30' E	1443'
36-37	S 82°00' E	600'
37-38	S 82°00' E	690'
38-39	N 65°09' E	186'
39-40	N 22°15' W	230'
40-41	N 77°30' E	232'
41-42	S 69°30' E	435'
42-43	N 10°40' W	415'
43-44	N 10°40' W	697'
44-45	N 89°00' W	1055'
45-46	S 46°30' W	423'
46-47	N 33°30' W	600'
47-48	N 85°00' W	1118'
48-49	N 85°00' W	885'
49-50	S 41°30' W	580'
50-51	N 46°00' W	486'
51-52	N 41°00' E	1120'
52-53	N 56°30' W	420'
53-54	S 48°00' W	342'
54-55	N 56°30' W	430'
55-56	N 14°20' E	298'
56-57	S 43°30' W	703'
57-58	N 4°30' E	510'
58-59	N 89°00' W	657'
59-60	N 02°20' W	289'
60-61	S 80°00' W	285'
61-62	S 39°00' W	483'
62-63	S 40°30' E	175'
63-64	S 85°00' W	190'
64-65	S 03°00' W	200'
65-66	S 43°07' W	370'
66-67	S 41°57' W	419'
67-68	N 00°39' W	403'
68-69	N 25°39' E	588'
69-70	N 74°51' W	309'
70-71	N 71°42' W	932'
71-72	S 81°12' W	502'
72-73	N 76°33' W	419'
73-74	N 47°13' W	400'
75-76	S 48°00' E	549'
76-77	N 39°30' E	90'
77-78	S 38°45' E	800'
78-79	N 48°45' E	355'
79-80	N 11°00' W	310'
80-81	N 82°45' E	945'
81-82	N 18°30' W	136'
83-84	N 18°30' W	440'
84-85	S 72°30' W	120'
85-86	S 29°00' E	380'
86-87	S 61°30' W	670'
87-88	S 23°45' W	580'
88-89	S 53°00' W	665'
89-90	S 37°00' E	345'
90-91	N 83°00' E	1122'
91-92	S 19°00' W	903'
92-93	S 57°15' E	770'
93-94	S 19°00' E	270'
94-95	N 15°00' E	725'
95-96	N 90°00' E	380'
96-97	S 03°00' W	690'
97-98	S 82°00' E	650'
98-99	S 42°00' E	2170'
99-100	S 05°00' W	835'
100-101	S 06°00' W	420'
101-102	S 31°30' W	960'



From - To	Bearing	Distance	From - To	Bearing	Distance
102-103	S 60°00' E	660'	119-120	N 17°00' E	840'
103-104	N 55°00' E	350'	120-121	N 57°30' E	813'
104-105	S 52°30' E	1520'	122-123	S 24°30' W	1001'
105-106	N 12°00' E	1920'	123-124	N 82°30' E	411'
106-107	N 05°00' W	1120'	125-126	S 80°00' W	533'
107-108	N 22°00' E	850'	126-127	S 29°30' E	220'
108-109	S 05°00' E	450'	127-128	S 59°00' E	490'
109-110	S 05°00' E	1310'	128-129	N 48°00' W	287'
110-111	S 14°30' W	247'	130-131	N 70°00' W	94'
111-112	N 90°00' E	603'	131-132	S 02°00' W	150'
112-113	S 17°00' W	870'	132-133	S 35°00' W	425'
113-114	S 61°30' E	225'	133-134	S 21°00' E	615'
114-115	N 02°00' E	1230'	134-135	N 02°00' E	500'
115-116	N 63°30' E	530'	135-136	S 65°00' E	110'
116-117	S 42°00' E	880'	137-138	S 47°30' W	68'
117-118	N 03°30' E	1080'	138-139	S 14°00' E	198'
118-119	S 89°00' E	450'	139-140	S 49°02' E	3'

**KEY MAP**

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), BUT DERIVED FROM S.C.E. & G. PLANT DATUM (PD) WHICH IS BASED ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT S.C.E. & G. AND WERRE BY DEEDS, INC.

STIPPLED/SHADING AREAS, IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS, GENERAL PHOTOGRAPHY WAS FLOWN AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GRASSY SWAMPY, A PROFESSIONAL, SOUTH CAROLINA PHOTOGRAMMETRIC SURVEYOR/WREFFER HAVE REVIEWED THE LAKE MURRAY PROJECT MAPS, THE PHOTOGRAMMETRIC AND CONTROL POINT OCCURRING STATIONS FOR THE SCALE OF 1" = 600' AND WERE PRODUCED USING PHOTOGRAMMETRIC METHODS UNDER MY DIRECT SUPERVISION. ALL WORK IS BASED ON NAVD83/2011 SOUTH CAROLINA STATE PLANE 15 NAVD83 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY DERIVED SURVEYOR, L. 24858, ON JULY 2, 2008. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EVAN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION LICENSEE EITHER ONS IN FEE SIMPLE OR POSSESSOR FLOWAGE EASEMENT/RIGHT-OF-WAY LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE RECORDED SURVEYS AND DEEDS OF RECORD.

**GARY D. EVANS**  
 P.E.

**L. 24858**  
 L.S.

**EXHIBIT G SHEET G-60**

DETAIL MAP OF PROJECT AREA

SHEET 60 OF 77

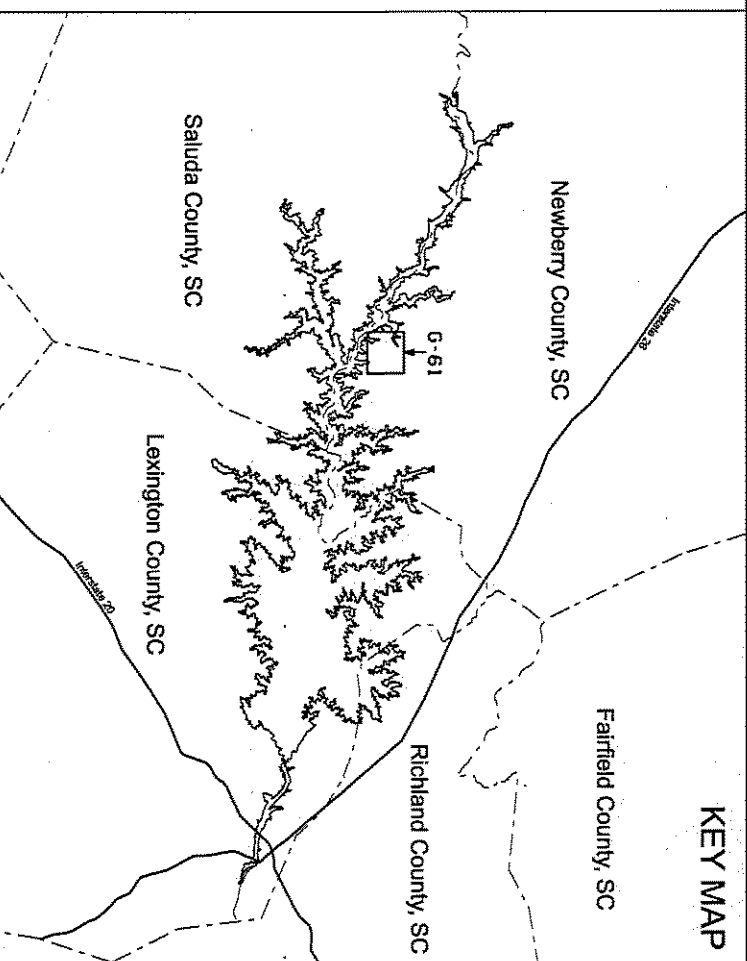
SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line Traverse	From - To	Bearing	Distance
	0-1	N 05°00' W	387
	1-2	N 86°00' W	450
	2-3	S 22°00' W	432
	4-5	N 23°45' E	249
	5-6	N 61°30' E	670
	6-7	N 29°00' W	360
	7-8	N 72°30' E	120
	8-9	N 72°30' E	550
	9-10	N 40°30' W	1186
	10-11	N 13°00' W	620
	11-12	N 03°00' E	203
	12-13	N 01°30' W	222
	13-14	N 28°00' W	416
	14-15	S 76°00' W	72
	15-16	S 04°45' W	1250
	16-17	S 14°45' W	575
	17-18	S 18°30' E	675
	18-19	S 22°45' W	845
	19-20	S 11°00' E	310
	20-21	S 48°45' W	320
	22-23	N 38°45' W	770
	23-24	S 39°30' W	90
	24-25	N 48°00' W	556
	26-27	N 45°45' E	136
	27-28	S 82°15' W	99
	28-30	N 48°45' E	172
	30-31	N 65°00' E	780
	31-32	S 57°30' E	1070
	32-33	N 20°00' E	345
	33-34	N 80°00' E	650
	34-35	N 50°15' E	2040
	35-36	S 64°30' W	1910
	36-37	S 88°30' W	1012
	37-38	N 08°00' E	1311
	38-39	N 87°00' W	60
	39-40	N 00°00' E	208
	40-41	S 40°15' W	300
	41-42	S 22°15' W	1132
	42-43	N 79°45' W	914



- LEGEND**
- RAILROAD
  - PIPEL LINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND INTERDAM
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ESSEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2881 (INTERNATIONAL FOOT).  
 VERTICAL DATA BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATA (PD), TO CONVERT FROM S.C.E. & G. PLANT DATA (PD) TO NAVD83 (FEET), THE SHOWN ELEVATIONS SHOULD BE DECREASED BY 0.5'. THE SHOWN AND RECORDED SURVEYS AND DEEDS OF RECORD UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTOURS WERE PROVIDED BY S.C.E. & G. AND WERE OF COURSE THE STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR PHOTOGRAMMETRIC SURVEYING (NSPS) WHICH IS AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GENERAL SURVEY: A PROFESSIONAL SURVEYOR HAS CONDUCTED A SURVEY OF THE PROJECT BOUNDARY AND HAS PROVIDED THE NECESSARY PROJECT MAPS. THE PLANIMETRIC AND CONTOURS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS AND METHODS UNDER AN DIRECT SUPERVISION. ALL WORK IS BASED ON NAVD83/2881 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).

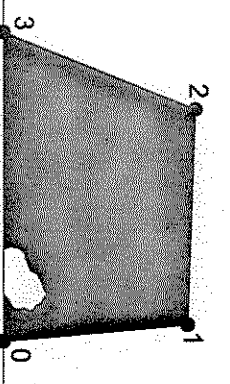
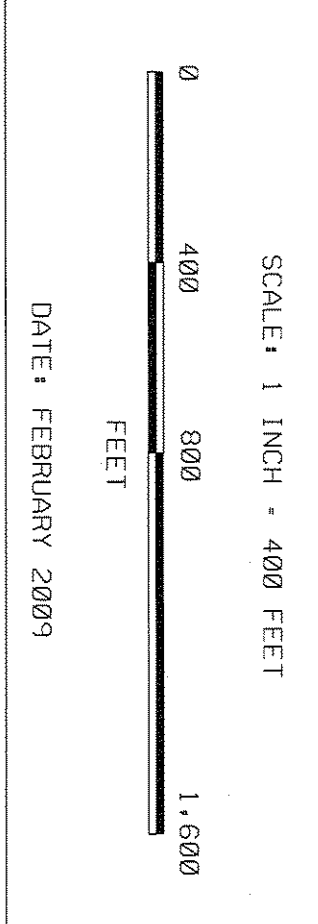
THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE PROFESSIONAL SURVEYOR ON FEBRUARY 2009. ANY REVISIONS SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EDWIN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEYOR HAS CONDUCTED A VISUAL INSPECTION OF THE ELEVATION CONTOURS, AND THE LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN ON THIS MAP ARE BASED ON S.C.E. & G. SURVEYS AND NOT RECORDED SURVEYS OR REVISIONS.

*Gary Edwin*  
 S.C. REG. 71163

EXHIBIT G SHEET G-61

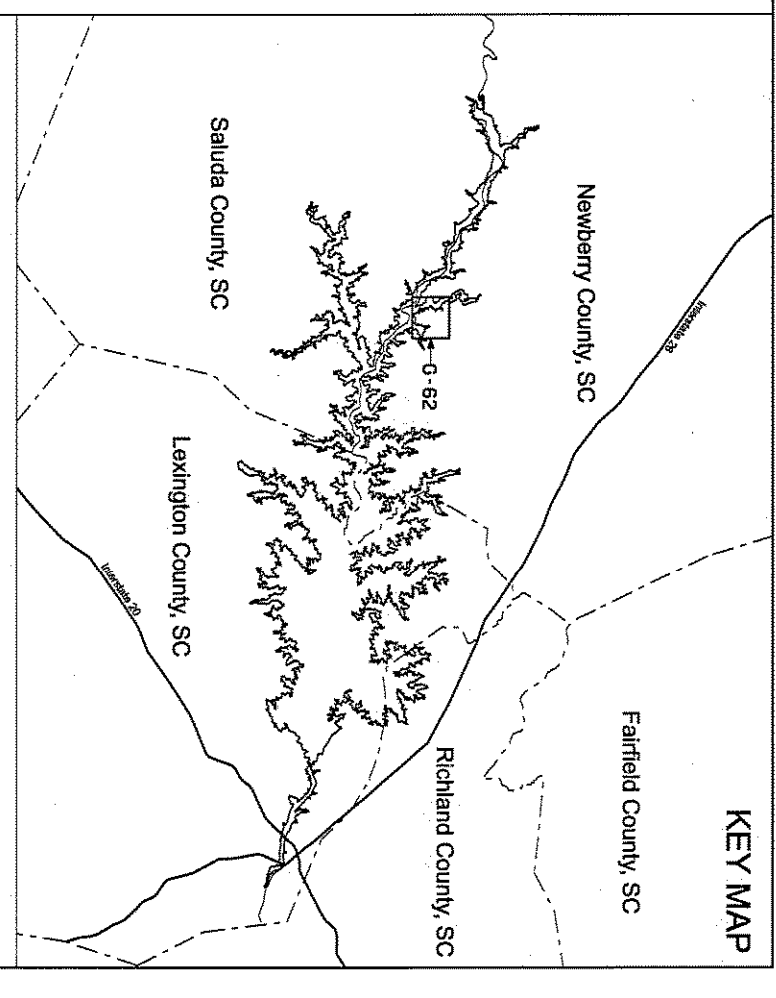
DETAIL MAP OF PROJECT AREA  
 SHEET 61 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY



G-62  
 G-60

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 41°00' W	184'
1-2	S 72°00' E	255'
2-3	S 72°00' E	775'
3-4	S 53°29' E	1720'
4-5	N 58°00' E	385'
5-6	N 42°00' W	598'
6-7	N 01°30' W	912'
7-8	N 10°00' W	618'
8-9	N 41°30' W	611'
9-10	N 04°30' W	546'
10-11	N 69°00' W	536'
11-12	S 62°00' W	450'
12-13	N 61°30' W	596'
13-14	N 09°30' W	619'
14-15	N 09°30' W	1880'
15-16	N 27°30' W	823'
16-17	N 27°30' W	280'
17-18	N 53°00' W	935'
18-19	N 00°00' E	745'
19-20	N 37°00' E	839'
20-21	N 20°00' E	418'
21-22	S 28°00' W	552'
22-23	S 05°45' W	660'
23-24	S 18°00' E	637'
24-25	S 57°30' E	548'
25-26	S 57°30' E	900'
26-27	N 69°30' E	480'
27-28	S 19°00' E	780'
28-29	S 19°00' E	160'
29-30	S 62°00' W	815'
30-31	S 15°00' E	1105'
31-32	S 73°00' E	750'
32-33	S 52°30' W	295'
33-34	S 52°30' W	280'
34-35	S 52°00' W	116'
35-36	S 52°00' W	260'
36-37	S 33°00' E	51'
37-38	S 09°30' W	51'
38-39	N 67°00' W	205'
39-40	N 75°30' W	140'
40-41	S 24°30' W	395'
41-42	S 62°00' E	140'
42-43	S 48°30' W	245'
43-44	S 26°00' E	478'
44-45	S 24°30' W	590'
45-46	S 35°00' E	405'
46-47	S 74°30' E	450'
47-48	S 57°00' W	470'
48-49	S 12°54' W	720'
49-50	N 82°30' E	897'
50-51	S 55°15' W	215'
51-52	N 71°30' E	811'
52-53	S 04°45' W	495'
53-54	S 30°00' E	115'
54-55	S 77°00' W	851'
55-56	S 38°00' W	385'
56-57	S 82°30' E	750'
57-58	N 59°00' E	855'
58-59	S 36°15' E	340'
59-60	S 54°45' W	640'
60-61	S 47°05' E	717'
61-62	S 27°45' E	570'
62-63	S 05°30' E	384'
63-64	N 29°00' E	493'
64-65	N 37°15' E	500'
65-66	N 88°45' E	1045'
66-67	S 47°30' E	520'
67-68	N 63°00' E	505'
68-69	N 23°30' E	530'
69-70	N 60°00' W	509'
70-71	N 70°12' E	26'
71-72	N 79°02' E	375'
72-73	N 17°16' E	350'
73-74	N 15°37' W	816'
74-75	S 60°00' E	270'
75-76	N 54°00' E	470'
76-77	N 08°00' W	1727'
77-78	S 07°00' E	429'
78-79	S 16°30' E	1320'
79-80	N 58°00' E	507'
80-81	S 55°30' E	959'
81-82	S 79°45' E	1280'
82-83	N 22°15' E	231'
83-84	N 57°30' W	96'
84-85	S 85°00' W	780'
85-86	S 48°45' W	450'
86-87	S 11°00' W	355'
87-88	N 74°15' W	695'
88-89	S 48°15' W	315'
89-90	S 46°15' W	445'
90-91	S 02°00' W	982'
91-92	N 79°0' W	723'
92-93	S 30°00' E	217'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREET
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 (FEET).

ALL ELEVATIONS SHOWN ON GRADINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 AND 2011, THE PROJECT BOUNDARY HEREIN IS BEING DERIVED USING PHOTOGRAMMETRIC METHODS UNDER AN DIRECT SURVEYING RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED WERE PROVIDED BY S.C.E. & G. AND MARKED BY GAINS, INC.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR GRAPHIC REPRODUCTION (ANSI Z39.18) WITH A SCALE APPROXIMATELY 1" = 400'.

1. GEORGE SIMONEK, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS PROJECT BOUNDARY AND CONCURS SHOWING ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION ACT (16 U.S.C. 1315a). HE HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING RECORDS SHOWN ON THIS MAP THAT ARE THE PROPERTY BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOTED ON THIS MAP WERE DERIVED BY RESURVEYING OF RECORDS OF GEORGE SIMONEK, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, AND HIS ASSISTANTS AND FIELD MEN.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GEORGE SIMONEK, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, ON FEBRUARY 2009.

DATE: FEBRUARY 2009

S.C. TASK 15160

**EXHIBIT G SHEET G-62**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 53°29' E	273
1-2	N 38°00' E	307
2-3	S 45°05' E	74
3-4	S 27°45' E	570
4-5	S 05°30' E	570
5-6	N 63°45' E	286
6-7	N 29°00' E	537
7-8	N 37°15' E	500
8-9	N 89°45' E	1045
9-10	N 89°45' E	1045
10-11	S 47°30' E	520
11-12	N 53°00' E	505
12-13	N 23°30' E	147
13-14	S 02°00' W	889
14-15	N 79°00' W	723
15-16	S 30°00' E	540
16-17	N 61°54' E	338
17-18	S 05°30' E	718
18-19	S 69°15' E	235
19-20	N 67°30' E	910
20-21	N 67°30' E	910
21-22	S 45°45' W	1211
22-23	S 45°45' W	585
23-24	S 80°00' W	335
24-25	S 51°30' W	1412
25-26	S 44°30' E	452
26-27	N 44°30' E	290
27-28	S 14°15' E	192
28-29	S 08°15' E	642
29-30	S 49°30' W	332
30-31	N 39°30' E	352
31-32	N 43°15' E	855
32-33	S 03°00' E	817
33-34	S 48°00' E	90
34-35	N 39°30' E	800
35-36	S 38°45' E	26
36-37	N 48°45' E	55
38-39	S 71°42' W	502
39-40	S 81°12' W	419
40-41	N 76°33' W	373
41-42	N 47°13' W	924
42-43	S 69°24' W	888
43-44	N 42°54' E	1402
44-45	N 42°28' E	1215
45-46	S 63°10' E	1486
46-47	N 13°18' W	1486
47-48	S 55°47' W	921
48-49	N 16°56' W	311
49-50	N 11°45' W	690
50-51	S 34°30' W	337
51-52	N 88°32' W	388
52-53	S 34°30' W	423
53-54	N 16°45' W	245
54-55	N 03°00' E	230
55-56	N 51°30' W	330
56-57	N 81°44' E	488
57-58	N 58°15' E	895
58-59	N 37°00' E	182
59-60	N 1°30' W	145
60-61	S 53°14' W	300
61-62	N 22°01' W	658
62-63	N 84°30' W	178
63-64	N 89°15' W	200
64-65	N 38°45' W	300
65-66	N 59°30' E	455
66-67	N 45°30' W	725
67-68	S 26°00' W	190
68-69	N 28°00' W	270
69-70	S 28°30' W	160
70-71	S 39°00' W	215
71-72	N 77°00' W	140
72-73	S 07°45' W	310
73-74	N 49°15' W	285
74-75	S 37°00' W	225
75-76	S 07°00' W	450
76-77	S 18°45' W	390
77-78	N 85°15' W	1389
78-79	N 19°40' E	1243
79-80	N 76°40' W	590
80-81	S 33°20' W	1195
81-82	S 56°05' W	890
82-83	S 56°05' W	480
83-84	N 32°25' W	465
84-85	N 68°20' E	300
85-86	N 22°20' E	526
86-87	S 67°25' E	195
87-88	N 22°20' E	700
88-89	N 89°25' W	360
89-90	N 31°35' W	428
90-91	N 73°40' W	285
91-92	N 50°10' W	515
92-93	S 56°05' W	667
93-94	N 18°00' E	825
94-95	S 58°05' W	407
95-96	S 35°20' W	428
96-97	N 01°55' E	455
97-98	S 87°50' W	380
98-99	N 48°20' E	786
99-100	N 09°40' W	401
100-101	S 68°20' W	155



**From - To Bearing Distance**

101-102	N 25°10' W	283
102-103	S 83°00' W	230
103-104	S 24°20' W	246
104-105	N 82°25' W	671
105-106	N 47°20' E	785
106-107	N 64°10' W	532
107-108	N 52°35' E	282
108-109	N 30°55' W	384
109-110	N 59°40' W	340
110-111	N 41°00' W	500

**KEY MAP**

**LEGEND**

- MINIMUM RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 DATUM (D), THE PROJECT BOUNDARY LINE IS BEING BASED ON PHOTOGRAMMETRIC METHODS UNDER THE DIRECT SUPERVISION OF THE PROJECT ENGINEER. THE PROJECT BOUNDARY LINE THAT ARE NOT CONFORMING TO THE NAVD83 DATUM SHALL BE ADJUSTED TO NAVD83 DATUM BY THE PROJECT ENGINEER.

THIS DOCUMENT IS ORIGINALLY ISSUED AND SEALED BY THE PROJECT ENGINEER. ANY REVISIONS TO THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. I, GARY EATON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY LINE HEREIN. THE ENGINEER'S REVIEW OF THIS PORTION OF THE BOUNDARY LINE DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE PROJECT BOUNDARY LINE THAT ARE NOT CONFORMING TO THE NAVD83 DATUM SHALL BE ADJUSTED TO NAVD83 DATUM BY THE PROJECT ENGINEER.

GARY EATON  
P.L.S. 13163  
S.C. P.L.S. 13163

**EXHIBIT G SHEET G-63**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 59°30' E	227'
1-2	N 01°15' W	795'
2-3	N 29°00' E	170'
3-4	S 55°00' E	270'
4-5	S 43°15' E	485'
5-6	S 74°45' E	1485'
6-7	N 04°30' W	1480'
7-8	N 59°00' E	1654'
8-9	N 51°15' E	480'
9-10	S 22°00' W	825'
10-11	S 17°00' E	420'
11-12	S 69°53' E	339'
12-13	N 26°00' E	700'
13-14	N 33°44' E	1631'
14-15	S 09°30' W	761'
15-16	S 80°00' E	400'
16-17	N 21°30' E	730'
17-18	N 72°00' E	730'
18-19	S 32°15' E	520'
19-20	N 81°31' E	280'
20-21	N 01°30' W	350'
21-22	N 79°00' E	363'
22-23	N 13°40' W	299'
23-24	N 69°30' E	1207'
24-25	S 02°43' E	378'
25-26	S 71°00' W	360'
26-27	S 21°00' W	865'
27-28	N 78°40' W	300'
28-29	S 20°00' W	913'
29-30	S 50°45' W	500'
30-31	S 01°37' E	616'
31-32	S 79°15' E	450'
32-33	S 14°00' W	400'
33-34	S 85°00' E	140'
34-35	S 06°30' W	162'
35-36	S 15°30' E	148'
36-37	N 19°00' E	296'
37-38	N 75°00' W	851'
38-39	S 33°15' W	170'
39-40	N 16°00' W	390'
40-41	N 73°30' W	370'
41-42	N 23°00' W	535'
42-43	S 69°30' E	780'
43-44	S 59°30' E	580'
44-45	N 49°30' E	670'
45-46	N 31°00' E	984'
46-47	N 50°30' W	460'
48-49	N 51°30' E	297'
49-50	S 52°15' E	162'
50-51	S 78°45' W	473'
52-53	N 59°50' W	880'
53-54	S 19°00' E	732'
54-55	S 44°00' W	230'
55-56	S 24°00' W	635'
56-57	N 26°30' W	1022'
57-58	N 46°00' E	369'
58-59	N 43°30' W	580'
60-61	S 67°00' W	380'
61-62	S 83°00' W	390'
62-63	N 46°00' E	755'
63-64	N 65°00' W	810'
64-65	S 47°30' W	560'
65-66	N 45°45' W	480'
66-67	S 67°30' W	465'
67-68	S 55°30' W	590'
68-69	S 81°30' W	785'
69-70	N 02°49' E	210'
70-71	S 53°28' W	269'
71-72	S 01°52' W	550'
72-73	N 76°56' E	154'
73-74	S 07°30' E	640'
74-75	S 85°30' W	395'
75-76	N 14°30' W	518'
76-77	N 12°00' E	520'
77-78	N 42°00' W	300'
78-79	S 32°00' W	715'
79-80	S 13°00' W	1037'
80-81	N 87°45' W	450'
81-82	N 15°00' E	328'
82-83	N 24°00' W	540'
83-84	S 26°30' W	877'
84-85	N 87°45' W	350'
85-86	N 36°30' W	293'
86-87	S 14°00' W	225'
87-88	S 05°00' W	505'
88-89	N 46°30' W	810'
89-90	N 84°14' W	324'
89-91	N 45°00' E	620'
91-92	N 08°00' E	1577'
92-93	N 82°00' E	270'
93-94	N 48°00' W	380'
94-95	S 72°00' W	1120'
95-96	S 25°00' E	870'
96-97	S 31°30' W	860'
97-98	N 75°00' W	550'
98-99	S 02°00' W	340'
99-100	S 31°00' E	300'
100-101	S 45°00' E	1145'

From - To	Bearing	Distance
101-102	S 05°00' E	481'
102-103	S 66°15' W	733'
103-104	S 03°30' E	590'
104-105	S 71°00' W	785'
105-106	N 23°15' W	787'
107-108	N 87°30' W	15'
108-109	S 74°50' W	600'
109-110	S 18°30' W	180'
110-111	S 51°50' W	480'
111-112	S 32°45' E	480'
112-113	S 32°45' E	455'
113-114	S 45°15' E	352'



**KEY MAP**

**LEGEND**

- MINIMUM RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAM
- COUNTY BOUNDARY
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- EASEMENT RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

**EXHIBIT G SHEET G-64**

DETAIL MAP OF PROJECT AREA

SHEET 64 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**NOTICE:**

1. GARY EMMER, A PROFESSIONAL SOUTH CAROLINA SURVEYOR, HAS REVIEWED THIS PROJECT AREA AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE CORRECT AND ACCURATE. HE HAS REVIEWED THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE CORRECT AND ACCURATE. HE HAS REVIEWED THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE CORRECT AND ACCURATE. HE HAS REVIEWED THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND HAS DETERMINED THAT THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE CORRECT AND ACCURATE.

2. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

3. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

4. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

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7. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

8. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

9. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

10. THE PROJECT BOUNDARY LINES SHOWN ON THIS MAP ARE BASED ON THE RECORD PLANS AND RECORD SURVEYS FOR THIS PROJECT AND ARE NOT TO BE CONSIDERED AS A CERTIFIED DOCUMENT.

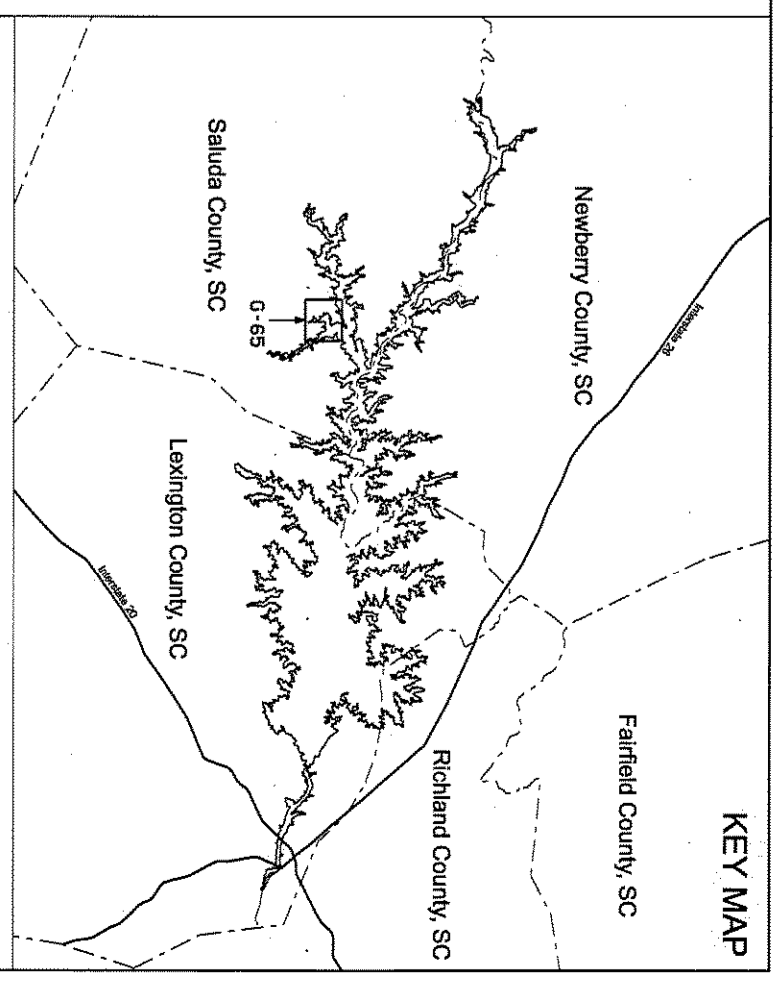
**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 59°30' E	227
1-2	N 01°15' W	795
2-3	N 25°00' E	170
3-4	S 65°00' E	270
4-5	S 43°15' E	485
5-6	S 74°45' E	485
6-7	N 04°30' W	140
7-8	N 59°00' E	140
8-9	N 51°15' E	1654
9-10	S 22°00' W	825
10-11	S 17°00' E	420
11-12	S 69°53' E	339
12-13	N 26°00' E	700
13-14	N 33°44' E	1086
14-15	S 09°30' W	301
15-16	S 80°00' E	400
16-17	N 21°30' E	394
17-18	S 20°00' W	500
18-20	S 50°45' W	616
20-21	S 01°37' E	450
21-22	S 79°15' E	450
22-23	S 14°00' W	140
23-24	S 85°00' E	400
24-25	S 06°30' W	162
25-26	S 15°30' E	290
26-27	S 58°30' E	280
27-28	S 58°30' E	565
28-29	S 20°00' W	290
29-30	S 72°00' W	605
30-31	N 13°00' W	170
31-32	N 51°30' W	100
32-33	S 32°00' W	340
33-34	N 49°30' W	325
34-35	N 15°00' W	300
35-36	S 04°30' W	340
36-37	S 78°45' W	190
37-38	N 43°15' W	395
38-39	S 77°30' W	276
39-40	S 20°00' E	553
40-41	S 58°45' W	401
41-42	N 24°30' W	549
42-43	S 50°00' W	780
43-44	S 53°31' W	450
44-45	S 05°36' W	235
45-46	S 86°30' E	242
46-47	S 22°58' W	375
47-48	S 66°00' W	572
48-49	S 64°00' E	270
49-50	N 71°00' E	280
50-51	S 59°30' E	940
51-52	S 17°00' W	761
52-53	N 41°00' E	891
53-54	S 31°00' E	1163
54-55	S 60°30' W	598
55-56	S 04°00' W	517
56-57	S 48°00' E	425
57-58	S 26°31' W	280
58-59	S 32°30' E	598
59-60	S 12°30' E	400
60-61	S 37°00' E	400
61-62	N 69°30' E	491
62-63	N 60°00' W	421
63-64	N 18°00' W	375
64-65	S 75°30' E	115
65-66	N 16°20' W	115
66-67	N 16°30' E	832
67-68	N 75°00' W	400
68-69	N 30°00' E	580
69-70	N 21°00' W	360
70-71	N 09°29' E	625
71-72	N 12°21' W	325
72-73	N 35°46' W	460
73-74	N 03°00' W	420
74-75	N 64°43' E	540
75-76	S 15°00' E	160
76-77	S 84°30' E	172
77-78	S 50°00' E	320
78-79	S 66°30' E	173
79-80	S 06°00' E	325
80-81	S 70°00' E	162
81-82	N 08°00' E	385
82-83	N 36°30' E	400
83-84	N 24°01' E	863
84-85	S 05°37' E	1344
85-86	S 48°38' E	797
86-87	S 11°00' E	440
87-88	S 07°30' E	550
88-89	N 69°58' E	491
89-90	S 00°51' E	1187
90-91	N 62°45' E	288
91-92	N 62°45' E	1257
92-93	N 62°45' E	21
93-94	S 89°05' E	314
94-95	E.L. 360.00'	151
95-96	S 88°05' E	282
96-97	S 16°30' W	959
97-98	N 68°00' E	250
98-99	N 23°00' E	370
99-100	N 70°10' E	150



**From - To Bearing Distance**

100-101	S 12°00' E	625
101-102	S 41°51' W	739
102-103	N 85°04' E	592
103-104	S 38°35' W	739
104-105	N 83°30' E	720
105-106	N 14°30' W	731
106-107	N 69°00' W	884
107-108	N 34°00' E	255
108-109	S 89°45' E	865
109-110	N 76°30' W	1190
110-111	N 08°00' E	1983
111-112	N 08°00' E	35
112-113	N 19°00' E	508
113-114	N 19°00' E	851
114-115	N 75°00' W	170
115-116	S 33°45' W	390
116-117	N 16°00' W	370
117-118	N 73°30' W	535
118-119	N 23°00' W	760
119-120	S 69°30' E	590
120-121	N 49°30' E	580
121-122	S 65°45' E	670
122-123	S 89°05' E	151
123-124	N 51°00' W	366
125-126	S 21°00' W	27
127-128	N 78°40' W	127



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREET
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON VARIOUS FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD), TO CONVERT FROM S.C.E. & G. PLAIN DATUM (PD) TO NAVD 83 (AND 81.5'), THE PROJECT BOUNDARY HEREIN IS BEING BROADCAST TO NAVD 83 BY THE PROJECT BOUNDARY HEREIN. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY CHISEL, INC.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS. METRIC PHOTOGRAPHY WAS TAKEN AT SCALE APPROXIMATELY 1 INCH = 500 FEET.

1. GARY SCHWABER, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE LICENSEE, LAURENCE, OWNS AND POSSESSES PLANNING AND ENGINEERING SERVICES AND IS NOT A MEMBER OF THE PROFESSION OF SURVEYORS. THE PROJECT BOUNDARY LINES THAT ARE NOT CONTROLLED ARE BASED ON S.C.E. & G. SURVEYS AND NOT CONTROLLED BY THIS PROJECT.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY GARY SCHWABER, A PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, ON FEBRUARY 2009. THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

*Gary Schwaber*  
Professional Surveyor  
S.C. PLS 13163

**EXHIBIT G SHEET G-65**

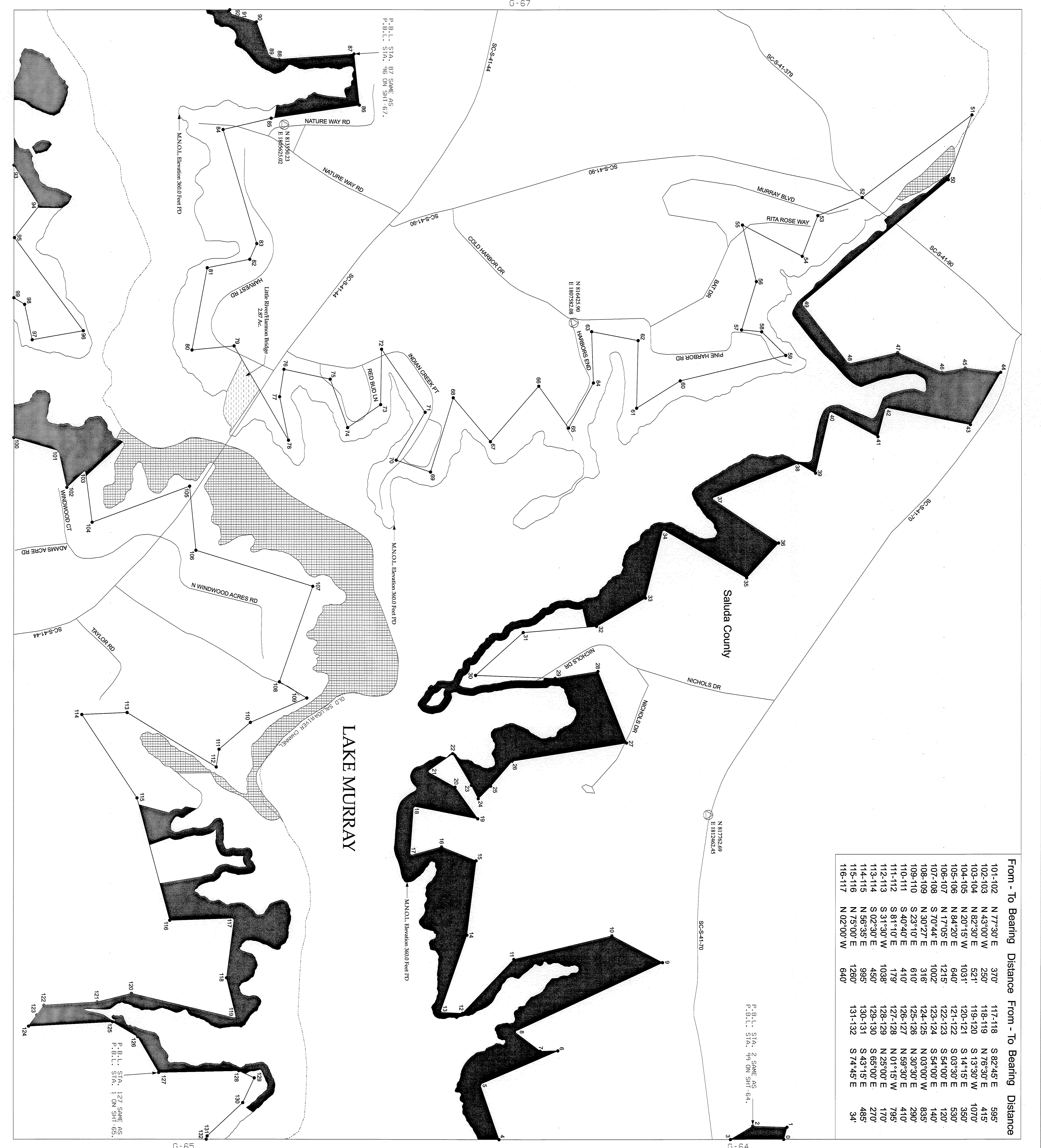
DETAIL MAP OF PROJECT AREA  
SHEET 65 OF 77  
SALUDA HYDROELECTRIC PROJECT NO. 516  
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 75°00' W	125'
1-2	S 02°00' W	340'
2-3	S 31°00' E	258'
4-5	S 71°00' W	581'
5-6	N 23°15' W	840'
6-7	S 00°45' E	175'
7-8	S 37°00' W	120'
8-9	N 25°00' W	1620'
9-10	S 28°00' W	5700'
10-11	S 13°30' E	1000'
11-12	S 46°30' E	740'
12-13	S 02°30' W	220'
13-14	N 71°00' W	810'
14-15	N 83°00' W	745'
15-16	S 22°30' W	370'
16-17	S 15°30' E	325'
17-18	N 86°00' W	490'
18-19	N 11°00' E	650'
19-20	S 54°21' W	387'
20-21	S 29°07' W	317'
21-22	N 35°10' W	310'
22-23	N 59°30' E	365'
23-24	N 63°00' E	150'
24-25	N 45°30' W	175'
25-26	N 49°30' W	329'
26-27	N 09°00' W	1148'
27-28	S 09°00' E	763'
28-29	S 02°00' W	430'
29-30	S 02°00' W	790'
30-31	N 04°45' W	635'
31-32	N 30°00' W	730'
32-33	N 30°00' W	560'
33-34	N 75°45' W	700'
34-35	N 30°00' E	980'
35-36	N 47°30' W	469'
36-37	S 33°45' W	801'
37-38	N 22°00' W	927'
38-39	N 30°00' E	200'
39-40	N 77°00' W	630'
40-41	N 28°00' E	540'
41-42	N 75°30' W	300'
42-43	N 11°30' E	880'
43-44	N 60°00' W	800'
44-45	S 07°00' W	385'
45-46	S 10°05' E	235'
46-47	S 24°00' W	480'
47-48	S 13°00' E	500'
48-49	S 52°00' W	780'
49-50	N 70°01' W	1901'
50-51	N 40°01' W	885'
51-52	S 37°00' E	1382'
52-53	S 22°00' E	475'
53-54	S 69°00' E	430'
54-55	S 27°30' W	670'
55-56	N 76°00' E	575'
56-57	S 73°00' E	500'
57-58	N 05°30' E	200'
58-59	N 44°30' E	336'
59-60	S 13°30' E	1077'
60-61	S 32°01' W	510'
61-62	N 88°41' W	671'
62-63	S 11°00' W	470'
63-64	N 88°00' E	510'
64-65	S 61°05' E	510'
65-66	S 54°30' W	510'
66-67	S 49°00' E	730'
67-68	S 49°40' W	570'
68-69	S 73°00' E	770'
69-70	S 19°00' W	360'
70-71	N 58°50' W	555'
71-72	S 55°15' W	760'
72-73	S 89°05' E	450'
73-74	S 34°50' E	500'
74-75	S 70°15' W	510'
75-76	S 12°00' W	470'
76-77	S 81°00' E	275'
77-78	N 78°30' E	440'
78-79	S 60°00' W	1080'
79-80	S 05°30' E	420'
80-81	N 79°30' W	830'
81-82	N 11°05' W	430'
82-83	N 66°00' W	170'
83-84	S 73°30' W	1180'
84-85	N 13°00' W	490'
85-86	N 08°19' W	885'
86-87	S 04°00' E	510'
87-88	S 04°00' E	745'
88-89	S 14°30' W	100'
89-90	S 69°30' W	370'
90-91	S 17°15' W	275'
91-92	S 88°00' W	39'
93-94	N 58°00' E	474'
94-95	S 52°00' E	400'
95-96	N 53°30' E	1150'
96-97	S 10°00' E	515'
97-98	S 78°00' W	360'
98-99	S 31°49' W	126'
100-101	N 16°30' E	466'



From - To	Bearing	Distance	From - To	Bearing	Distance
101-102	N 77°30' E	370'	117-118	S 82°45' E	595'
102-103	N 43°00' W	250'	118-119	N 76°30' E	415'
103-104	N 82°30' E	521'	119-120	S 13°30' W	1070'
104-105	N 20°15' W	1031'	120-121	S 14°15' E	350'
105-106	N 84°20' E	640'	121-122	S 03°30' E	530'
106-107	N 17°05' E	1215'	122-123	S 54°00' E	120'
107-108	S 70°44' E	1002'	123-124	S 03°00' W	140'
108-109	N 30°27' E	316'	124-125	N 03°00' W	835'
109-110	S 23°10' E	610'	125-126	N 30°30' E	290'
110-111	S 40°40' E	410'	126-127	N 59°30' E	410'
111-112	S 81°10' E	179'	127-128	N 01°15' W	795'
112-113	S 02°30' E	450'	128-129	N 25°00' E	170'
113-114	S 02°30' E	995'	129-130	S 65°00' E	270'
114-115	N 56°35' E	995'	130-131	S 43°15' E	485'
115-116	N 75°00' E	1280'	131-132	S 74°45' E	34'
116-117	N 02°00' W	640'			

**EXHIBIT G SHEET G-66**

DETAIL MAP OF PROJECT AREA

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREET
- COUNTY BOUNDARY
- ▭ EASEMENT RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
- ▭ EASEMENT RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- ▭ PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- ▭ PROPOSED FUTURE RECREATION AREAS

VERTICAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 22801 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON WADSWORTH FEET.

ALL ELEVATIONS SHOWN ON GRADINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 83 OR S.C.E. & G. MEAN SEA LEVEL DATUM, ADD 1.15 FEET TO THE ELEVATION UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND CONTROLLED BY ORD. 116.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR GRAPHIC REPRODUCTION (ANSI Z39-18) SHALL BE USED FOR ALL GRADINGS AND ELEVATIONS.

1. GRADING SURVEY: A PROFESSIONAL SURVEYOR SHALL CONDUCT A SURVEY OF THE PROJECT BOUNDARY AND CONTROL POINTS. THE SURVEY SHALL BE IN ACCORDANCE WITH THE NATIONAL SURVEYING BOARD (NSB) STANDARDS AND THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SCS-COORD). THE SURVEY SHALL BE CONTROLLED BY THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SCS-COORD) AND THE VERTICAL DATUM TO WADSWORTH FEET.

THIS DOCUMENT WAS ORIGINALLY PREPARED AND ISSUED BY THE SOUTH CAROLINA ELECTRIC & GAS COMPANY. IT IS THE PROPERTY OF THE SOUTH CAROLINA ELECTRIC & GAS COMPANY AND IS LOANED TO YOU FOR YOUR INFORMATION ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE SOUTH CAROLINA ELECTRIC & GAS COMPANY.

DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

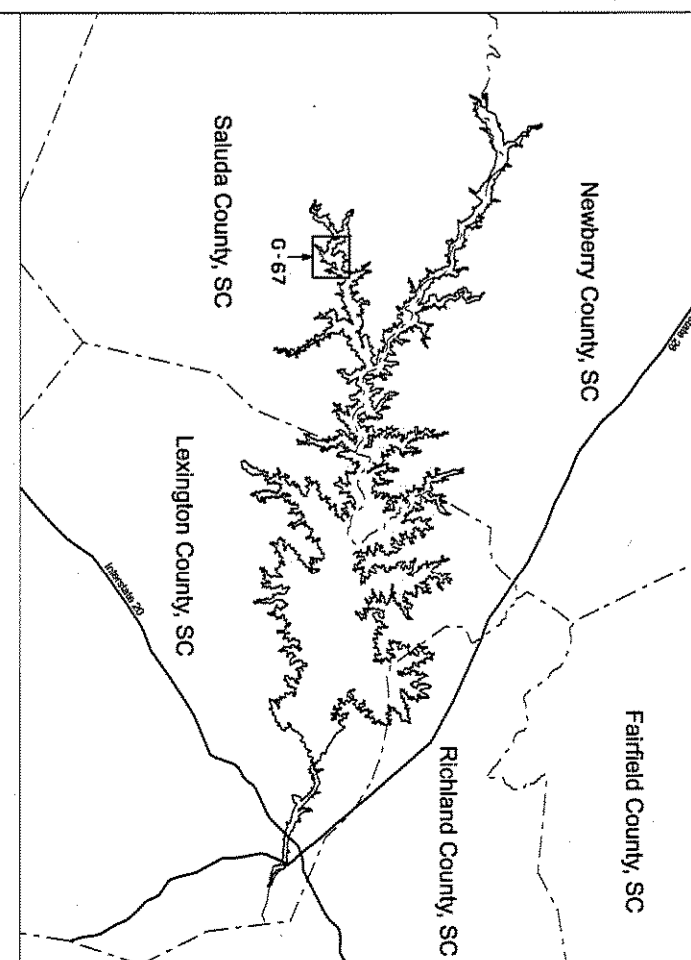
From - To	Bearing	Distance
0-1	N 25°30' E	328'
1-2	N 00°00' E	500'
2-3	N 04°00' E	350'
3-4	S 36°30' E	430'
4-5	S 74°00' W	370'
5-6	S 67°30' W	500'
6-7	S 30°00' W	689'
7-8	N 62°30' E	560'
8-9	S 35°30' W	443'
9-10	S 7°00' W	820'
10-11	S 71°00' E	1205'
11-12	S 48°00' W	680'
12-13	S 72°00' E	630'
13-14	N 43°30' E	400'
14-15	S 47°30' E	619'
15-16	N 56°00' E	885'
16-17	S 01°00' W	540'
17-18	N 63°30' E	430'
18-19	S 54°43' E	544'
19-20	S 17°00' E	351'
20-21	S 51°15' E	625'
21-22	S 82°15' W	360'
22-23	S 54°30' W	846'
23-24	S 75°00' W	585'
24-25	S 26°35' W	391'
25-26	S 12°35' W	482'
26-27	S 39°25' W	610'
27-28	S 36°00' W	370'
28-29	S 03°00' E	300'
29-30	S 30°00' E	140'
30-31	N 88°00' E	150'
31-32	N 17°30' E	225'
32-33	N 08°00' E	160'
33-34	N 41°30' E	310'
34-35	N 52°30' E	925'
35-36	N 40°00' E	975'
36-37	N 7°30' E	757'
37-38	S 19°50' E	240'
38-39	N 21°30' E	515'
39-40	N 65°00' E	1150'
40-41	S 61°00' E	820'
41-42	S 31°00' E	230'
42-43	N 10°38' E	342'
43-44	N 15°15' W	950'
44-45	N 09°00' E	800'
45-46	N 17°20' E	200'
46-47	N 40°00' W	230'
47-48	N 32°00' E	980'
48-49	N 30°30' W	480'
49-50	S 71°00' W	375'
50-51	N 07°10' W	295'
51-52	N 39°45' W	270'
52-53	N 58°00' E	930'
53-54	S 52°00' E	400'
54-55	N 53°30' E	1150'
55-56	S 10°00' E	515'
56-57	S 78°00' W	360'
57-58	S 31°49' W	955'
58-59	S 54°05' E	891'
59-60	N 86°00' E	385'
60-61	S 01°45' E	200'
61-62	S 60°00' W	370'
62-63	S 05°30' E	1050'
63-64	S 85°30' E	343'
64-65	N 11°30' E	1062'
65-66	N 87°10' E	611'
66-67	N 30°35' W	462'
67-68	N 42°00' W	894'
68-69	N 67°15' E	552'
69-70	N 16°30' E	790'
70-71	N 77°30' E	370'
71-72	N 43°00' W	250'
72-73	N 82°30' E	521'
73-74	N 20°15' W	1031'
74-75	N 84°20' E	640'
75-76	N 17°05' E	157'
76-77	S 19°00' W	134'
77-78	N 58°50' W	245'
78-79	S 55°15' W	478'
80-81	S 89°05' E	550'
81-82	S 34°50' E	400'
82-83	S 70°15' W	510'
83-84	S 12°00' W	470'
84-85	S 81°00' E	275'
85-86	N 78°30' E	440'
86-87	S 60°00' W	1080'
87-88	S 05°30' E	420'
88-89	N 79°30' W	830'
89-90	N 01°05' W	430'
90-91	N 66°00' W	170'
91-92	S 73°30' W	1180'
92-93	N 13°00' W	480'
93-94	N 08°19' W	885'
94-95	S 84°00' E	510'
95-96	S 04°00' E	745'
96-97	S 14°30' W	100'
97-98	S 69°30' W	370'
98-99	S 17°15' W	275'



From - To	Bearing	Distance
100-101	S 88°00' W	270'
101-102	S 11°00' E	200'
102-103	N 69°00' W	245'
103-104	N 22°30' W	460'
104-105	N 00°30' W	420'
105-106	N 54°15' W	300'
106-107	N 54°15' W	100'
107-108	S 31°30' W	450'
108-109	N 75°00' W	225'
109-110	S 11°30' W	200'
110-111	S 87°15' W	230'
111-112	S 60°15' W	430'
112-113	S 57°30' E	555'
113-114	S 67°30' W	520'
114-115	S 13°00' W	670'
115-116	S 17°30' E	215'
116-117	S 75°30' E	800'
117-118	N 33°00' E	300'
118-119	S 55°45' E	470'
119-120	S 79°30' W	275'
120-121	S 44°00' E	860'
121-122	S 07°04' E	578'
122-123	S 35°00' W	490'
123-124	S 07°30' W	400'
124-125	N 63°00' W	1200'
125-126	S 50°00' W	530'
126-127	N 48°00' W	680'
127-128	N 44°00' E	300'
128-129	N 33°00' W	880'
129-130	S 35°00' W	450'
130-131	N 84°00' W	390'
131-132	N 20°00' W	1020'
132-133	N 29°00' E	550'
133-134	N 21°00' W	160'
134-135	S 67°00' W	410'
135-136	N 14°09' W	414'

From - To	Bearing	Distance
136-137	N 64°00' W	400'
137-138	N 54°45' E	460'
138-139	N 05°30' W	275'
139-140	S 53°30' W	515'
140-141	N 80°40' W	829'
141-142	S 87°30' E	258'
143-144	N 22°30' E	329'
144-145	N 09°40' W	598'

**KEY MAP**



**LEGEND**

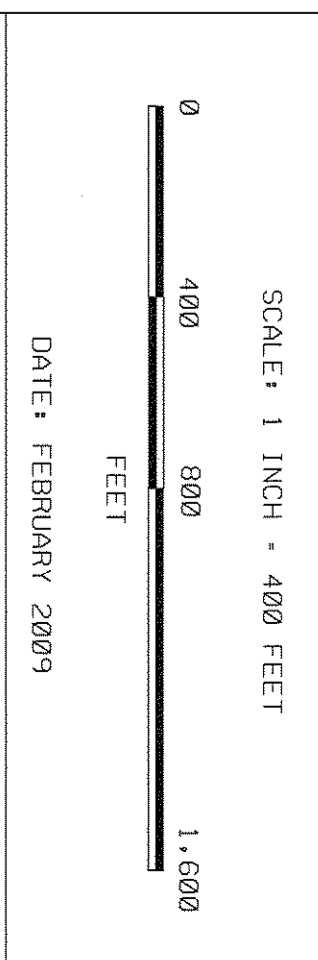
- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- SHEAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 2801 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON WADSWORTH FEET.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE ENGINEER IN CHARGE OF THE PROJECT UNDER THE SUPERVISION OF THE PROJECT BOUNDARY LINE SURVEYOR. THE PROJECT BOUNDARY LINE SURVEYOR'S NAME AND LICENSE NUMBER ARE SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE SURVEYOR'S NAME AND LICENSE NUMBER ARE SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE SURVEYOR'S NAME AND LICENSE NUMBER ARE SHOWN ON THIS MAP.

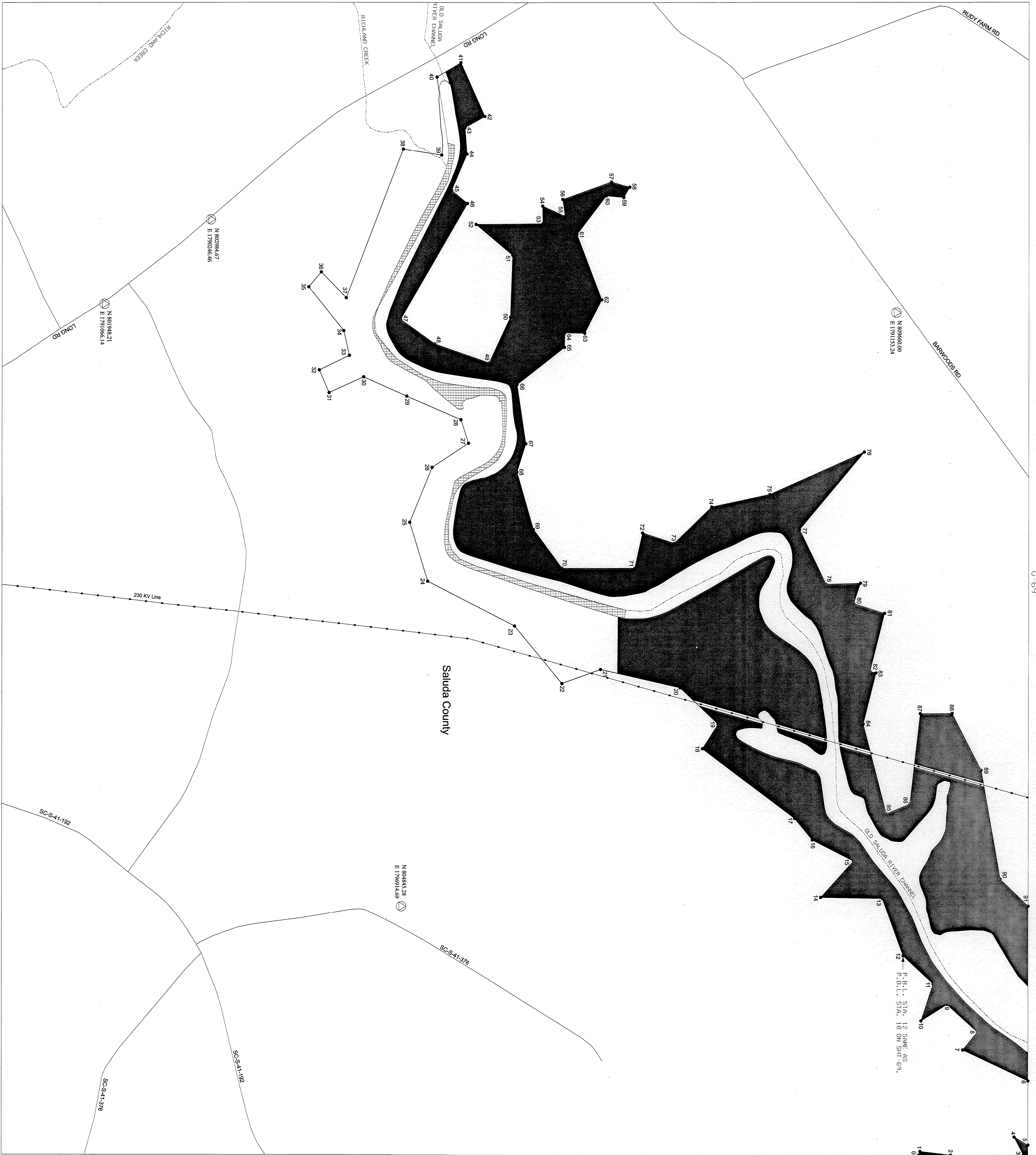
EXHIBIT 6 SHEET G-67

DETAIL MAP OF PROJECT AREA  
 SHEET 67 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY

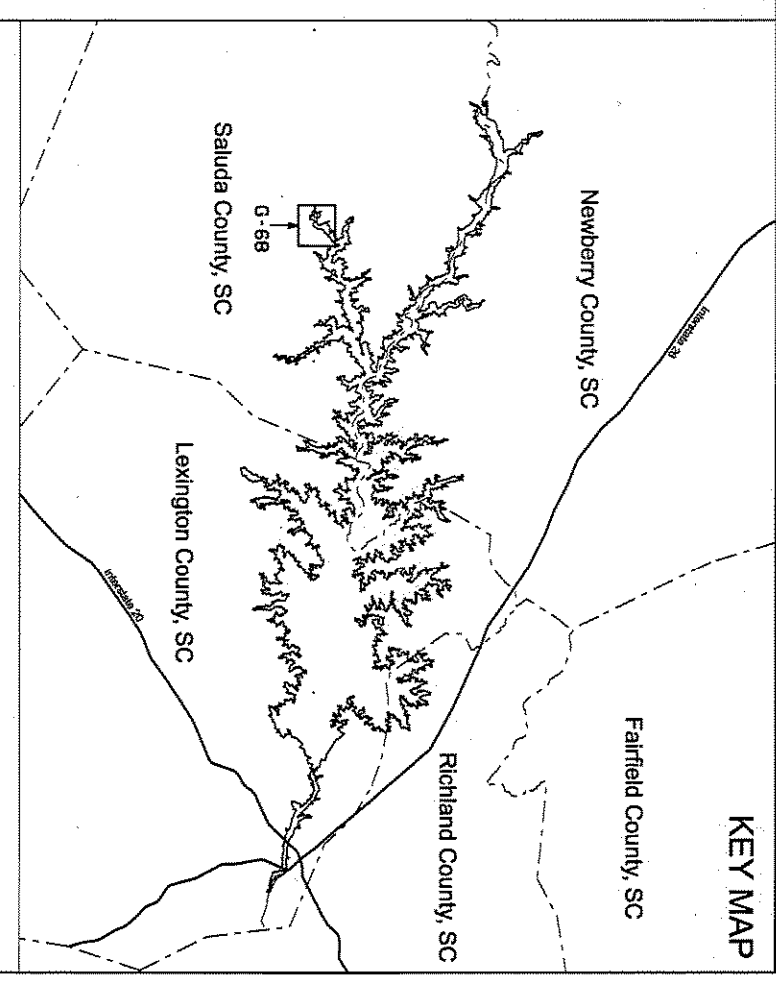


**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 71°00' W	39'
1-2	N 07°00' E	300'
3-4	S 62°30' W	198'
4-5	N 30°00' E	156'
5-6	S 25°30' W	704'
6-7	N 51°00' W	225'
7-8	S 42°30' W	400'
8-9	S 32°30' E	300'
9-10	N 72°00' W	380'
10-11	S 43°00' W	400'
11-12	S 01°00' W	585'
12-13	S 07°00' W	800'
13-14	N 48°00' W	475'
14-15	S 27°00' W	450'
15-16	S 50°30' W	271'
16-17	S 37°00' W	1127'
17-18	N 57°30' W	283'
18-19	S 43°30' W	510'
19-20	S 13°00' W	795'
20-21	S 19°30' E	400'
21-22	S 50°30' W	725'
22-23	S 27°00' W	950'
23-24	S 73°00' W	800'
24-25	N 67°45' W	575'
25-26	N 33°30' W	425'
26-27	S 72°01' W	240'
27-28	S 23°20' W	575'
28-29	S 24°00' W	460'
29-30	S 24°30' E	370'
30-31	S 66°30' W	240'
31-32	S 66°30' W	240'
32-33	N 25°45' W	325'
33-34	S 77°15' W	245'
34-35	S 51°15' W	190'
35-36	N 50°00' W	190'
36-37	N 46°00' W	350'
37-38	N 69°00' W	1550'
38-39	N 09°00' E	378'
40-41	N 31°15' W	273'
41-42	N 66°00' E	572'
42-43	S 29°30' E	220'
43-44	N 85°50' E	280'
44-45	S 67°07' E	382'
45-46	N 40°00' E	200'
46-47	S 60°00' E	1300'
47-48	N 35°30' E	408'
48-49	N 19°00' E	580'
49-50	N 65°00' W	490'
50-51	N 88°00' W	600'
51-52	S 40°00' W	465'
52-53	N 00°45' W	650'
53-54	S 89°15' W	170'
54-55	N 24°15' W	240'
55-56	S 82°15' W	164'
56-57	N 19°45' W	503'
57-58	N 16°15' E	186'
58-59	S 59°40' E	115'
59-60	S 05°20' W	171'
60-61	S 52°40' E	470'
61-62	N 69°10' E	680'
62-63	S 62°50' E	365'
63-64	S 01°00' W	193'
64-65	S 88°30' E	140'
65-66	S 38°00' E	585'
66-67	N 81°30' E	580'
67-68	S 72°39' E	287'
68-69	N 74°00' E	579'
69-70	N 53°30' E	470'
70-71	N 00°00' E	708'
71-72	N 77°30' W	350'
72-73	N 18°00' E	325'
73-74	N 44°15' W	508'
74-75	N 12°00' W	579'
75-76	N 24°00' W	1007'
76-77	S 50°00' E	980'
77-78	N 64°00' E	590'
78-79	N 01°30' W	335'
79-80	S 71°30' E	205'
80-81	N 18°00' E	315'
81-82	S 76°00' E	580'
82-83	N 15°00' E	60'
83-84	S 76°00' E	510'
84-85	N 75°30' E	900'
85-86	N 22°39' W	249'
86-87	N 83°29' W	882'
87-88	N 00°44' W	310'
88-89	N 62°46' E	621'
89-90	N 80°00' E	1075'
90-91	N 44°00' E	380'



G-69



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM ANIMAL OPERATING LEVEL (M.A.O.L.)
- STREAM
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.S.L. & M.N.O.L. OR BETWEEN P.S.L. AND INTERBANK
- PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.S.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. ABOVE M.N.O.L.
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 2891 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON ANGELO (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 ON S.C.E. & G. SPREADS AND RECORDS DRAWING IS TO BE SUBTRACTED FROM THE PLANT DATUM (PD) ELEVATION. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONDITIONS WERE PROVIDED BY S.C.E. & G. AND WETTED BY OVERS. 100.

STEREOREPLICATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR PHOTOGRAMMETRIC INTERPRETATION AND MAPPING AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GENERAL SURVEYOR, A PROFESSIONAL SURVEYOR HAS REVIEWED THIS PROJECT MAPS. THE PLANIMETRIC AND CONDITIONS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS AND THE SURVEYING AND MAPPING ACT OF 1947.

ALL WORK IS BASED ON NUMBER 2891 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM (ANGLO FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SURVEYOR GENERAL OF SOUTH CAROLINA AND IS VALID FOR THE STATE OF SOUTH CAROLINA P.L.S. 13163. HAVE REVIEWED THIS PORTION OF THE LINE SURVEY PROJECT BOUNDARY SHOWN HEREIN. THE ESSENTIAL RIGHTS, THE LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOT BOUNDARY LINES WERE BASED ON S.C.E. & G. SPREADS AND RECORDS DRAWING IS TO BE SUBTRACTED FROM THE PLANT DATUM (PD) ELEVATION.

*Handwritten Signature*  
S.C. 1928.13163

EXHIBIT 6 SHEET G-68

DETAIL MAP OF PROJECT AREA

SHEET 68 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

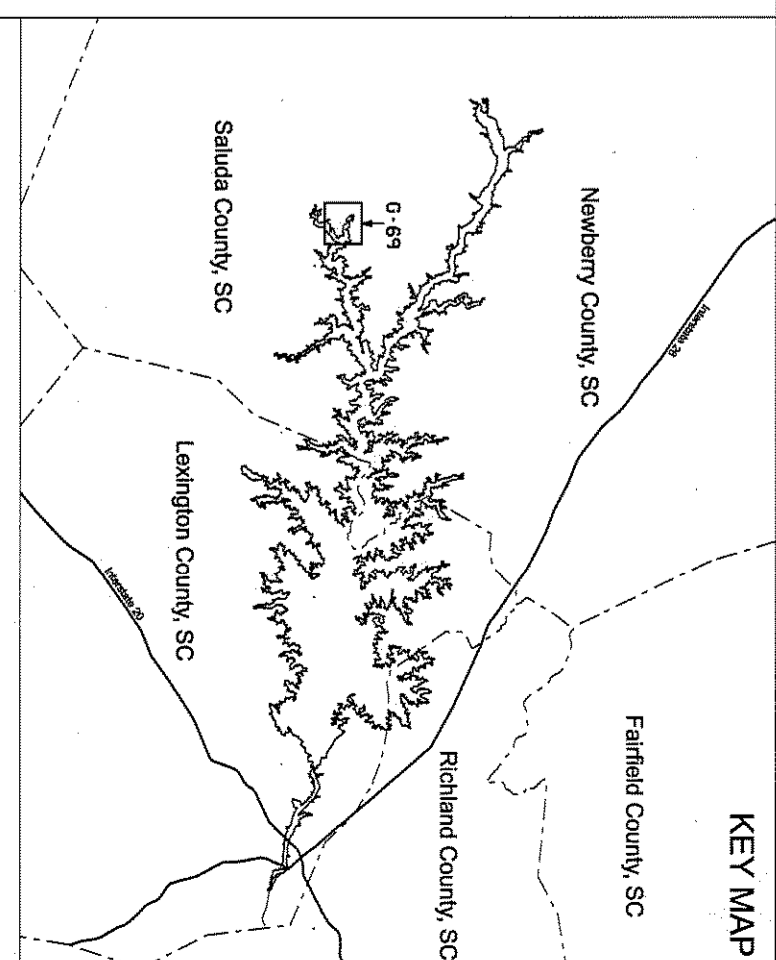
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 71°00' W	39'
1-2	N 07°00' E	300'
2-3	S 62°30' W	198'
3-4	N 30°00' E	352'
4-5	N 67°30' W	317'
5-6	N 74°00' E	305'
6-7	N 36°30' W	325'
7-8	N 74°00' E	350'
8-9	N 36°30' W	500'
9-10	S 64°00' E	500'
10-11	S 00°00' E	500'
11-12	S 25°30' W	1200'
12-13	N 51°00' W	225'
13-14	S 42°30' W	400'
14-15	S 32°30' E	300'
15-16	N 72°00' W	380'
16-17	S 43°00' W	400'
17-18	S 70°00' W	595'
18-19	S 01°00' W	600'
19-20	N 48°00' W	475'
20-21	S 27°00' W	450'
21-22	S 30°30' W	271'
22-23	S 37°00' W	819'
23-24	N 12°00' W	418'
25-26	N 24°00' W	1007'
26-27	S 50°00' E	980'
27-28	N 64°00' E	590'
28-29	N 01°30' W	335'
29-30	S 71°30' E	205'
30-31	N 18°00' E	315'
31-32	S 76°00' E	580'
32-33	N 15°00' E	60'
33-34	S 76°00' E	510'
34-35	S 75°30' E	900'
35-36	N 22°39' W	249'
36-37	N 83°29' W	882'
37-38	N 22°39' W	882'
38-39	N 00°44' W	310'
39-40	N 82°46' E	621'
40-41	N 80°00' E	1075'
41-42	N 44°00' E	946'
42-43	S 49°00' E	388'
43-44	N 53°00' E	410'
44-45	N 12°00' E	550'
45-46	N 79°30' W	410'
46-47	N 36°00' W	535'
47-48	N 13°15' E	650'
48-49	S 81°00' W	450'
49-50	N 33°30' E	280'
50-51	S 74°30' W	867'
51-52	S 1°15' E	380'
52-53	N 64°00' W	1160'
53-54	S 42°30' W	270'
54-55	S 83°30' W	490'
55-56	N 38°00' W	1188'
56-57	N 54°00' W	700'
57-58	S 40°15' W	596'
58-59	N 51°30' W	710'
59-60	N 40°00' W	1330'
60-61	S 88°00' E	942'
61-62	N 70°00' E	340'
62-63	N 74°30' W	690'
63-64	N 87°00' W	675'
64-65	N 01°15' E	320'
65-66	S 87°00' E	742'
66-67	S 74°30' E	890'
67-68	S 07°00' E	470'
68-69	S 08°00' W	530'
69-70	S 79°00' E	490'
70-71	N 18°00' E	240'
71-72	S 89°00' E	1040'
72-73	S 49°00' E	580'
73-74	S 35°30' E	580'
74-75	S 77°00' E	358'
75-76	N 19°00' W	450'
76-77	N 63°00' E	550'
77-78	S 80°30' E	610'
78-79	N 32°00' E	650'
79-80	S 74°30' E	630'
80-81	S 28°15' E	340'
81-82	N 48°15' E	1345'
82-83	S 09°40' E	1055'
83-84	S 22°30' W	740'
84-85	N 87°00' E	415'
85-86	S 80°40' E	397'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSITION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE WARE COORDINATE SYSTEM (NAD83/2011) (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MANDRA (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO MANDRA (M) ON S.C.E. & G. SHEETS AND RECORDS, SEE THE PROJECT RECORD BOOK. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROL ARE PROVIDED BY S.C.E. & G. AND MARKED BY 09015, 100.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARDS FOR PHOTOGRAMMETRY.

1. GENERAL SURVEYOR, A PROFESSIONAL SURVEYOR HAS CONDUCTED A PHOTOGRAMMETRIC SURVEY OF THE PROJECT BOUNDARY AND CONTROL MARKS ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PHOTOGRAMMETRIC AND CONTROL MARKS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS. THE PHOTOGRAMMETRIC SURVEY WAS CONDUCTED USING PHOTOGRAMMETRIC METHODS UNDER THE DIRECT SUPERVISION OF THE SURVEYOR. THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON SAID MAPS ARE BASED ON S.C.E. & G. SHEETS AND RECORDS.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE SURVEYOR ON FEBRUARY 2009. THIS DOCUMENT IS A COPY OF THE ORIGINAL DOCUMENT AND SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAS REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE SURVEYOR HAS REVIEWED THE PHOTOGRAMMETRIC SURVEY AND THE PHOTOGRAMMETRIC SURVEY LINES SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE SHOWN ON SAID MAPS ARE BASED ON S.C.E. & G. SHEETS AND RECORDS.

DATE: FEBRUARY 2009

SC. PLS. 13163

EXHIBIT G SHEET G-69

DETAIL MAP OF PROJECT AREA

SHEET 69 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

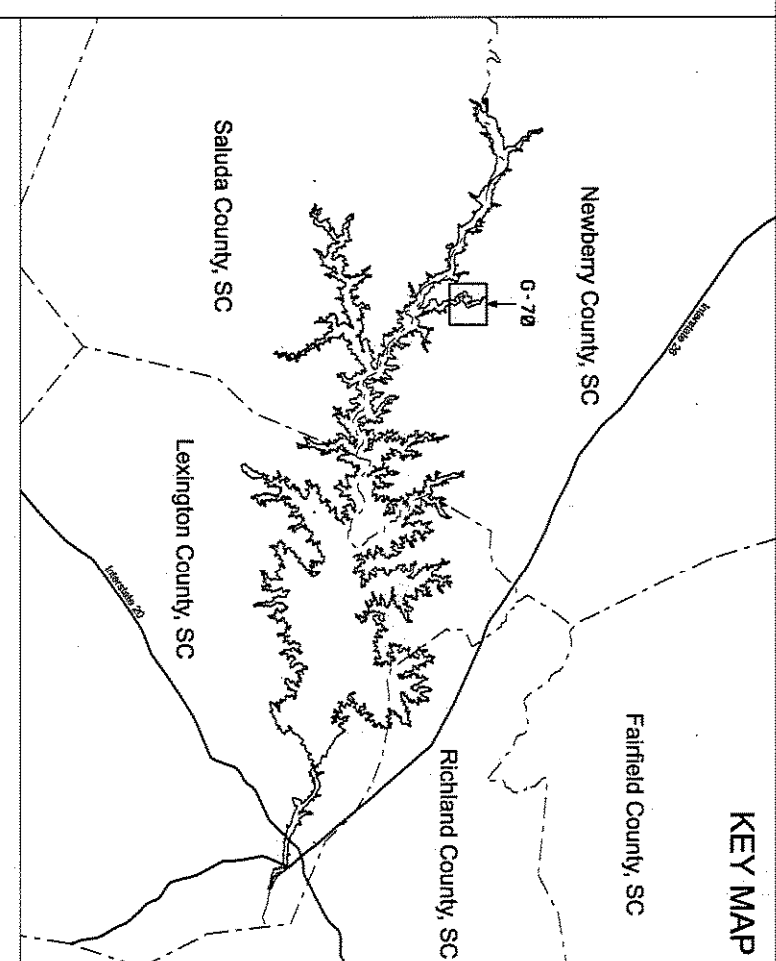
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 37°00' W	43
1-2	N 20°00' E	1907
2-3	S 64°30' W	1080
3-4	N 37°30' W	1130
4-5	N 62°15' W	325
5-6	N 06°30' W	516
6-7	N 46°00' W	475
7-8	N 57°45' E	175
8-9	N 38°00' W	332
9-10	N 73°15' W	285
10-11	N 05°15' W	410
11-12	N 36°15' E	270
12-13	N 39°30' E	685
13-14	N 90°00' E	700
14-15	N 14°00' E	330
15-16	N 02°00' E	880
16-17	N 83°30' E	650
17-18	S 82°30' E	560
18-19	S 18°30' E	1020
19-20	N 62°30' E	608
20-21	N 30°00' W	500
21-22	N 41°30' W	690
22-23	N 23°30' W	690
23-24	N 03°00' W	550
24-25	N 09°30' W	450
25-26	N 11°45' E	550
26-27	N 11°00' W	375
27-28	N 73°30' W	700
28-29	N 31°30' W	758
29-30	N 71°15' E	163
30-31	N 79°28' E	64
31-32	S 75°08' E	180
32-33	N 64°34' E	151
33-34	S 09°30' E	418
34-35	S 01°00' W	1124
35-36	S 74°30' E	348
36-37	S 11°00' W	315
37-38	S 31°00' E	1118
38-39	S 09°15' E	785
39-40	S 63°00' W	891
40-41	S 50°00' W	240
41-42	N 50°00' W	944
42-43	N 66°30' W	715
43-44	N 54°00' W	620
44-45	S 75°45' W	420
45-46	S 29°00' E	1755
46-47	N 52°30' E	100
47-48	S 73°00' E	810
48-49	S 30°30' E	1540
49-50	S 28°00' W	1160
50-51	S 05°45' W	367



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND IRONHORSE
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MAMMERS FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD). TO CONVERT FROM S.C.E. & G. PLAIN DATUM (PD) TO MAMMERS ON S.C.E. & G. SPINDERS AND RECORDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN ON THIS MAP SHOULD BE BASED ON S.C.E. & G. SPINDERS AND RECORDS SHOWN ON THIS MAP.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY ME/DA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY EATON, A PROFESSIONAL LAND SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE REVIEWED THIS PORTION OF THE LINE MAMMERS PROJECT BOUNDARY SHOWN HEREIN. THE ESSEMENT RIGHTS ARE SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN ON THIS MAP SHOULD BE BASED ON S.C.E. & G. SPINDERS AND RECORDS SHOWN ON THIS MAP.

DATE: FEBRUARY 2009

EXHIBIT G SHEET G-70

DETAIL MAP OF PROJECT AREA

SHEET 70 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

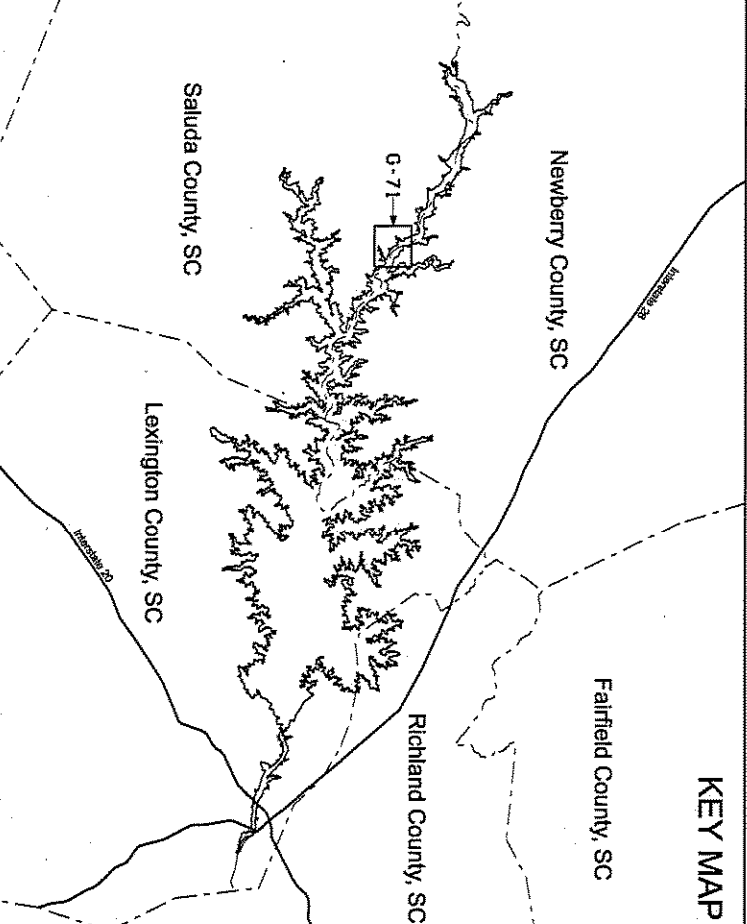
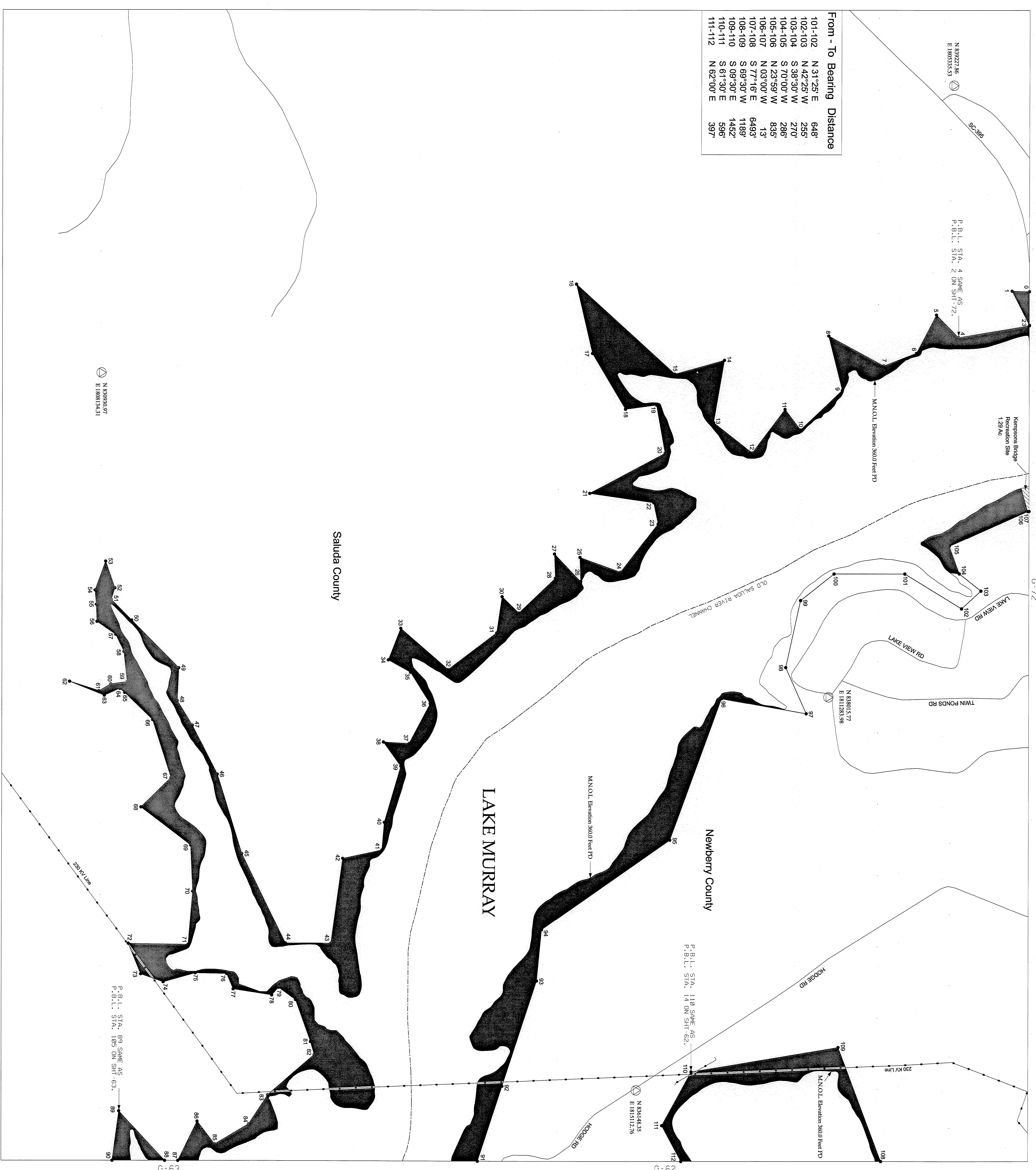




**Project Boundary Line**

From - To	Bearing	Distance
0-1	S 01°32' W	169'
1-2	N 63°02' E	372'
2-3	S 09°25' E	697'
3-4	S 45°05' W	307'
4-5	S 52°25' E	420'
5-6	S 20°55' E	340'
6-7	S 28°20' W	610'
7-8	N 75°50' E	545'
8-9	S 43°40' E	560'
9-10	S 52°50' W	252'
10-11	S 53°10' E	530'
11-12	S 38°05' W	480'
12-13	N 80°10' W	615'
13-14	S 15°40' E	500'
14-15	S 42°20' W	1300'
15-16	N 76°50' E	693'
16-17	N 59°20' E	630'
17-18	N 07°40' W	305'
18-19	N 79°50' E	477'
19-20	S 27°55' E	830'
20-21	N 08°20' E	630'
21-22	N 78°05' E	210'
22-23	S 52°10' E	595'
23-24	S 19°50' W	420'
24-25	N 88°05' E	235'
25-26	S 46°20' W	370'
26-27	N 87°50' E	235'
27-28	S 43°40' E	490'
28-29	S 43°50' W	227'
29-30	S 81°40' E	355'
30-31	S 37°10' E	593'
31-32	S 40°50' W	610'
32-33	S 68°40' E	330'
33-34	N 29°05' E	247'
34-35	N 57°50' E	360'
35-36	S 62°10' E	437'
36-37	S 02°50' W	250'
37-38	N 54°20' E	290'
38-39	S 73°40' E	570'
39-40	S 65°10' E	270'
40-41	S 12°10' E	390'
41-42	S 82°10' E	835'
42-43	S 00°10' E	441'
43-44	S 63°50' W	973'
44-45	S 72°50' W	808'
45-46	S 62°50' W	537'
46-47	S 58°20' W	280'
47-48	N 87°25' W	320'
48-49	S 45°10' W	652'
49-50	S 45°10' W	283'
50-51	N 72°45' W	117'
51-52	S 70°50' W	275'
52-53	S 69°55' E	299'
53-54	N 84°50' E	139'
54-55	N 87°40' E	166'
55-56	N 34°35' E	222'
56-57	N 64°05' E	194'
57-58	N 83°50' E	296'
58-59	S 08°00' E	161'
59-60	S 30°10' E	134'
60-61	S 17°50' W	300'
61-62	N 21°50' E	365'
62-63	N 24°10' W	163'
63-64	N 38°20' E	63'
64-65	N 44°05' E	380'
65-66	N 72°20' E	590'
66-67	S 44°40' E	410'
67-68	N 37°20' E	610'
68-69	N 87°20' E	450'
69-70	S 85°10' E	520'
70-71	S 00°50' W	582'
71-72	N 67°50' E	320'
72-73	N 19°30' E	233'
73-74	N 15°40' W	325'
74-75	N 01°05' E	305'
75-76	N 66°35' E	163'
76-77	N 08°50' E	380'
77-78	N 48°10' W	100'
78-79	N 35°50' E	204'
79-80	N 70°20' E	435'
80-81	N 73°35' E	130'
81-82	S 41°00' E	600'
82-83	S 56°40' E	340'
83-84	S 30°55' E	384'
84-85	S 52°35' W	282'
85-86	S 64°10' E	430'
86-87	S 47°20' W	660'
88-89	S 82°25' E	490'
89-90	N 72°00' W	772'
91-92	N 72°00' W	1060'
92-93	N 84°30' W	500'
93-94	N 35°00' W	1522'
94-95	N 70°00' W	1464'
95-96	N 10°00' E	838'
96-97	S 66°00' W	492'
97-98	N 77°35' W	667'
98-99	N 38°30' W	416'
99-100	N 00°00' E	699'

From - To	Bearing	Distance
101-102	N 31°25' E	648'
102-103	N 42°25' W	285'
103-104	S 38°30' W	270'
104-105	S 70°00' W	286'
105-106	N 23°59' W	835'
106-107	N 03°00' W	13'
107-108	S 77°16' E	6493'
108-109	S 69°30' W	1489'
109-110	S 09°30' E	1482'
110-111	S 61°30' E	596'
111-112	N 62°00' E	397'



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. & RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. ABOVE M.N.O.L.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 (M.N.O.L.), THE PROJECT BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD) AND THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD) AND THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD). ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND WETTED BY OVERS. THE.

STEREOREGISTRATION PROCESS IN ACCORDANCE WITH NATIONAL SURVEYING STANDARDS (N.S.S.) SHALL BE USED TO REGISTER THIS DOCUMENT AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GEORGE BENNETT, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS DOCUMENT AND HAS DETERMINED THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE AND COMPLETE AND THAT THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD) AND THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD). ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND WETTED BY OVERS. THE.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SIGNED BY GEORGE BENNETT, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, ON 02/20/2009. THE INFORMATION CONTAINED HEREIN IS ACCURATE AND COMPLETE AND THAT THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD) AND THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD). ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND WETTED BY OVERS. THE.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 11133, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING WORK-SHEET LANDS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN ON THIS MAP ARE BASED ON S.C.E. & G. SURVEYS AND ARE BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD) AND THE BOUNDARY LINE IS BEING DERIVED ON S.C.E. & G. PLANT DATUM (PD).

DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**EXHIBIT G SHEET G-71**

DETAIL MAP OF PROJECT AREA

SHEET 71 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

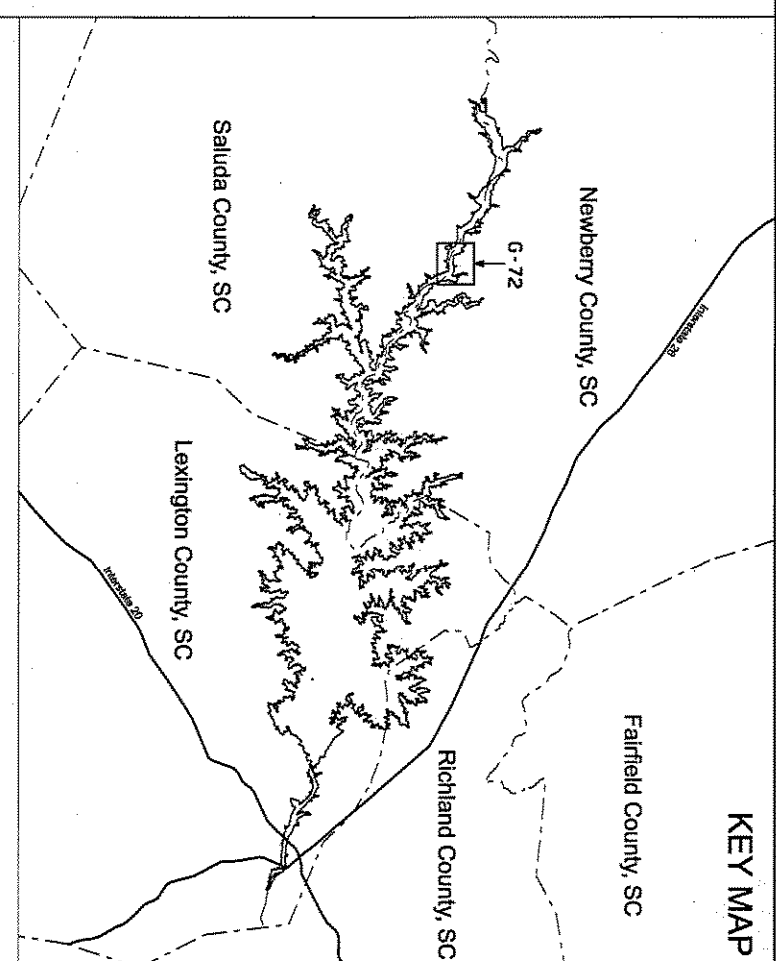
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 82°25' W	344'
1-2	N 45°05' E	307'
2-3	N 09°23' W	700'
3-4	S 53°02' W	377'
4-5	N 01°32' E	816'
5-6	N 37°28' W	705'
6-7	N 36°32' E	205'
7-8	N 22°28' W	630'
8-9	N 79°28' W	322'
9-10	S 78°02' W	600'
10-11	S 19°28' E	479'
11-12	S 53°32' W	245'
12-13	N 37°28' W	720'
13-14	S 49°02' W	665'
14-15	N 82°28' W	570'
15-16	S 14°32' W	759'
16-17	N 78°28' W	280'
17-18	N 03°58' W	940'
18-19	N 77°58' W	1371'
19-20	S 33°58' E	301'
20-21	S 89°02' W	912'
21-22	N 38°02' E	485'
22-23	N 72°58' W	430'
23-24	S 66°02' W	640'
24-25	S 13°02' W	873'
25-26	N 74°58' W	810'
26-27	N 14°02' E	672'
27-28	N 50°43' W	850'
28-29	N 31°17' E	955'
29-30	S 57°58' E	950'
30-31	N 81°17' E	347'
31-32	N 34°43' W	1262'
32-33	N 45°28' W	746'
33-34	N 66°58' W	545'
34-35	S 08°32' W	225'
35-36	N 77°58' W	411'
36-37	S 88°00' E	426'
37-38	N 23°00' E	327'
38-39	N 17°30' W	406'
39-40	S 71°15' E	267'
40-41	S 38°30' E	1343'
41-42	S 80°45' E	340'
42-43	N 16°30' E	790'
43-44	S 46°00' E	570'
44-45	S 20°00' W	380'
45-46	S 59°00' E	428'
46-47	N 03°30' E	333'
47-48	S 03°30' E	505'
48-49	S 00°30' E	300'
49-50	S 15°30' E	880'
50-51	S 51°30' E	442'
51-52	N 86°45' E	400'
52-53	S 83°00' E	1381'
53-54	N 25°00' E	174'
54-55	S 53°40' E	390'
55-56	N 48°30' E	420'
56-57	S 55°00' E	312'
57-58	N 10°30' W	990'
58-59	S 35°00' E	755'
59-60	S 48°30' E	470'
60-61	N 77°30' E	510'
61-62	S 81°30' E	325'
62-63	S 57°30' E	472'
63-64	S 77°00' E	804'
64-65	N 18°00' W	565'
65-66	N 08°30' W	790'
66-67	N 08°30' W	500'
67-68	N 43°30' W	320'
68-69	N 49°00' E	320'
69-70	N 29°15' W	1130'
70-71	N 03°00' E	445'
71-72	N 41°15' E	350'
72-73	N 36°15' W	352'
73-74	N 54°00' E	250'
74-75	N 68°00' E	430'
75-76	S 31°00' W	300'
76-77	S 01°30' E	671'
77-78	S 73°00' W	340'
78-79	S 04°00' E	220'
79-80	S 38°45' E	845'
80-81	S 15°00' E	400'
81-82	N 80°00' E	348'
82-83	S 07°45' E	1049'
83-84	N 19°30' E	588'
84-85	S 85°30' E	860'
85-86	S 26°30' E	811'
86-87	S 30°30' W	1281'
87-88	S 86°30' E	435'
88-89	S 20°30' E	150'
89-90	S 63°00' W	792'
90-91	S 16°00' E	580'
91-92	S 77°30' E	350'
92-93	S 10°30' W	501'
93-94	S 03°00' E	962'
94-95	S 23°59' E	835'
95-96	N 70°00' E	286'
96-97	N 38°30' E	176'
97-98	S 42°25' E	176'
98-99	S 31°25' W	378'
99-100		



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREEM
  - COUNTY BOUNDARY
  - EASEMENT RIGHTS - FLOODGATE AT A MINIMUM BETWEEN P.B.L.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 2881 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MGD88 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM TO NAVD 88 OR S.C.E. & G. PLANT DATUM TO NAVD 88, THE PROJECT BOUNDARY LINE IS NOT RECORDED ON S.C.E. & G. RECORDS. THEREFORE, THE PROJECT BOUNDARY LINE IS NOT RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY 600'S, 10'S.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD FOR GRAPHIC REPRODUCTION OF PHOTOGRAPHS (ANSI Z39.18) AT A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. DRAWING SYMBOLS, A PROFESSIONAL SOUTH CAROLINA ENGINEER'S SEAL, AND A PROFESSIONAL LAND SURVEYOR'S SEAL ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP REVISION ACT OF 1992. THE PROFESSIONAL ENGINEER'S SEAL IS NOT RECORDED ON S.C.E. & G. RECORDS. THEREFORE, THE PROFESSIONAL ENGINEER'S SEAL IS NOT RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY 600'S, 10'S.

THIS DOCUMENT WAS ORIGINALLY PREPARED AND SEALED BY THE PROFESSIONAL ENGINEER AND PROFESSIONAL LAND SURVEYOR. IT SHALL NOT BE CONSIDERED A CERTIFIED INSTRUMENT.

1. GARY FATH, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13153, HAVE REVIEWED THIS PORTION OF THE LAKE MURRAY PROJECT BOUNDARY SHOWN HEREIN. THE PROFESSIONAL LAND SURVEYOR'S SEAL IS NOT RECORDED ON S.C.E. & G. RECORDS. THEREFORE, THE PROFESSIONAL LAND SURVEYOR'S SEAL IS NOT RECORDED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND MARKED BY 600'S, 10'S.

DATE: FEBRUARY 2009

S.C. PLS. 13163

**EXHIBIT G SHEET G-72**

DETAIL MAP OF PROJECT AREA

SHEET 72 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

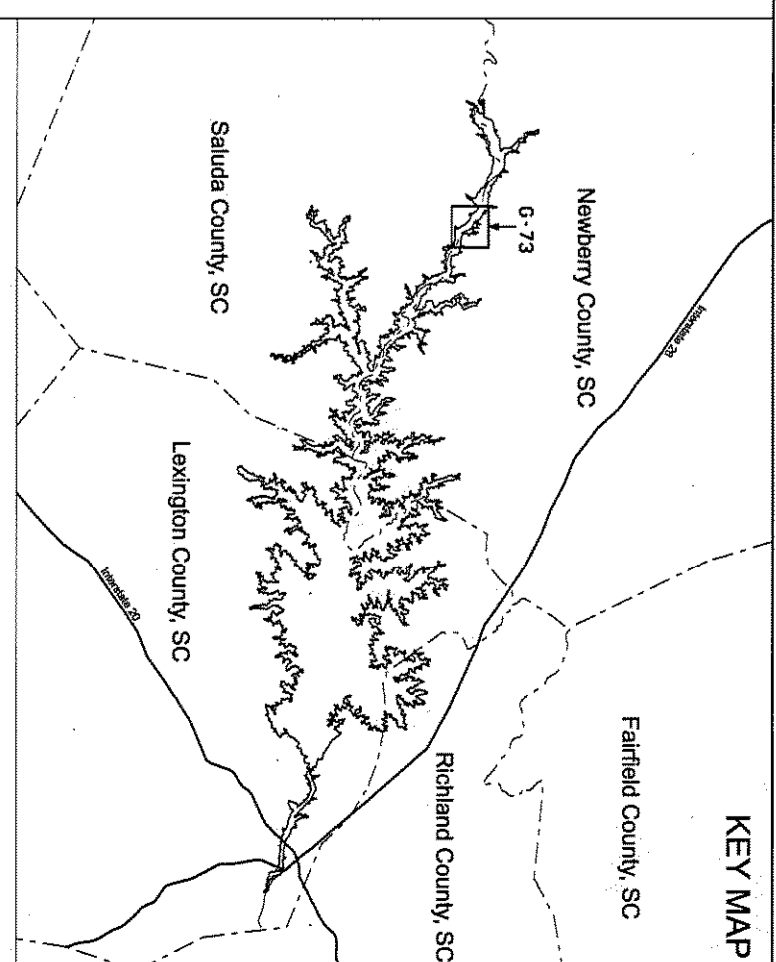
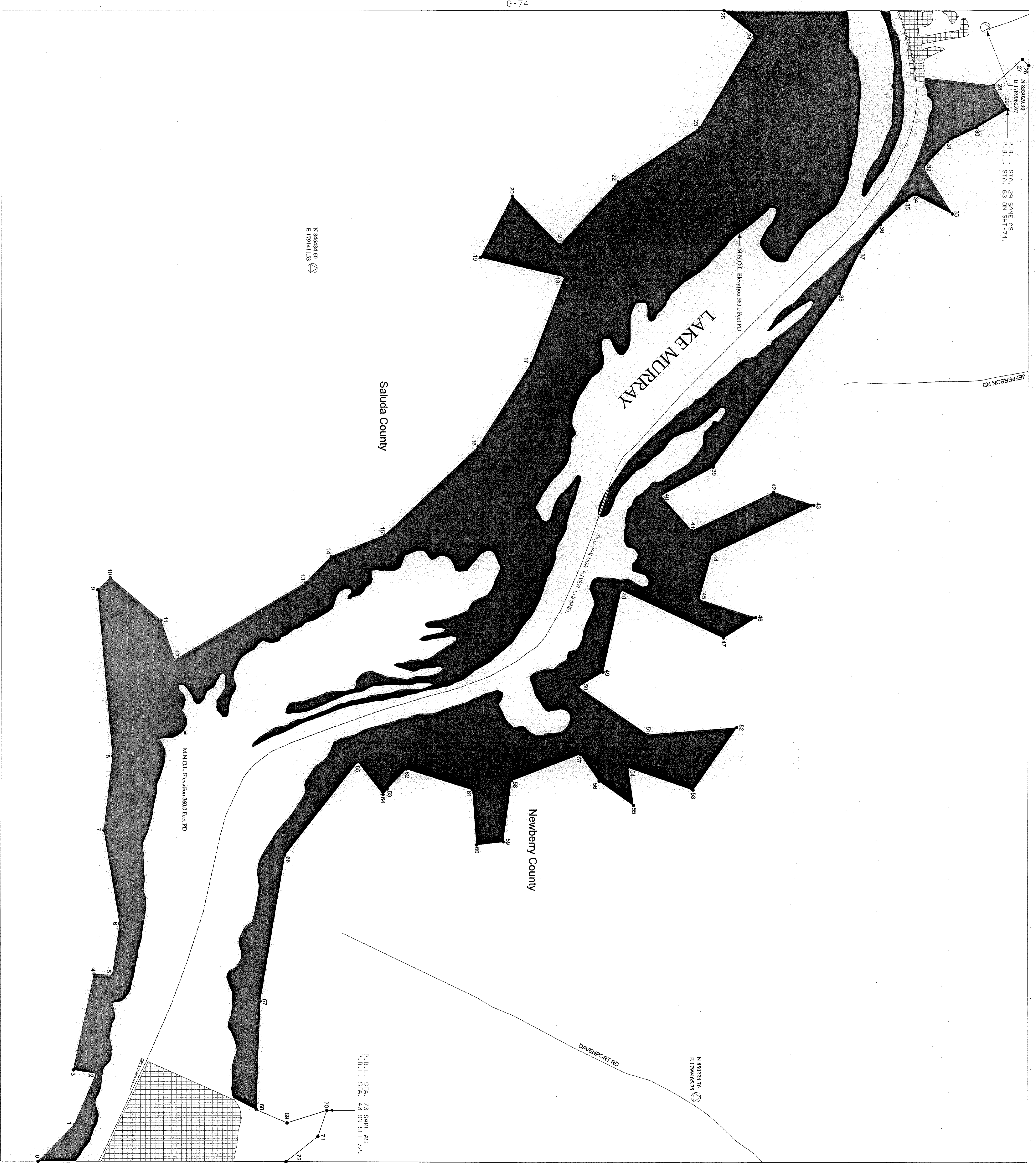
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

0 400 800 1,600 FEET

Project Boundary Line Traverse

From	To	Bearing	Distance
0-1		N 45°28' W	501'
1-2		N 68°58' W	545'
2-3		S 08°32' W	228'
3-4		N 77°58' W	950'
4-5		N 02°47' E	180'
5-6		N 81°58' W	505'
6-7		S 30°17' W	923'
7-8		N 83°28' W	727'
8-9		S 84°47' W	1620'
9-10		N 43°30' W	170'
10-11		N 40°00' E	642'
11-12		N 70°30' E	410'
12-13		N 30°30' W	1480'
13-14		N 46°00' W	355'
14-15		N 22°00' W	565'
15-16		N 43°30' W	1250'
16-17		N 57°30' W	960'
17-18		N 69°00' W	900'
18-19		S 13°00' W	839'
19-20		N 62°30' W	670'
20-21		N 45°30' E	658'
21-22		N 47°00' W	835'
22-23		N 33°45' W	950'
23-24		N 59°00' W	1040'
24-25		S 39°00' W	386'
25-26		S 45°00' W	89'
26-27		S 42°00' W	380'
27-28		N 69°00' E	270'
28-29		S 30°30' E	350'
29-30		S 25°30' E	310'
30-31		S 47°30' E	350'
31-32		S 58°00' E	530'
32-33		S 27°00' W	410'
33-34		S 35°30' E	100'
34-35		S 43°00' E	345'
35-36		S 52°30' E	330'
36-37		S 64°00' E	450'
37-38		S 54°00' E	2087'
38-39		S 28°37' E	579'
39-40		N 48°30' E	453'
40-41		N 25°00' W	880'
41-42		N 18°00' E	410'
42-43		S 25°30' E	1100'
43-44		S 74°30' E	480'
44-45		N 18°00' E	580'
45-46		S 32°00' E	370'
46-47		S 25°00' W	1100'
47-48		S 77°30' E	815'
48-49		S 31°00' E	280'
49-50		N 34°30' E	820'
50-51		N 04°30' W	870'
51-52		S 55°00' E	740'
52-53		S 19°00' W	670'
53-54		N 81°30' E	370'
54-55		S 33°00' W	410'
55-56		S 54°45' W	320'
56-57		S 21°00' E	718'
57-58		S 82°30' E	596'
58-59		S 07°00' E	280'
59-60		S 35°30' W	535'
60-61		S 17°15' W	675'
61-62		S 46°00' E	270'
62-63		S 55°00' E	403'
63-64		S 52°00' W	663'
64-65		S 52°00' E	1152'
65-66		S 80°30' E	1442'
66-67		S 38°00' E	1052'
67-68		N 23°00' E	327'
68-69		N 17°30' W	406'
69-70		S 71°15' E	287'
70-71		S 38°30' E	398'
71-72			



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREET
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND RIVERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G.
  - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 2281 (INTERNATIONAL FOOT).

VERTICAL DATA BASED ON ANODER FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD), TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 88 AND 81.5', THE PROJECT BOUNDARY HEREIN IS BEING BASED ON PHOTOGRAMMETRIC METHODS UNDER AN OVERSIGHT SURVEYS. ALL WORK IS BASED ON NUMBER 2281 SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD88 (FEET).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE PROFESSIONAL ENGINEER, REGISTERED PROFESSIONAL SURVEYOR, AND REGISTERED LAND SURVEYOR, IN ACCORDANCE WITH THE REQUIREMENTS OF THE SOUTH CAROLINA PROFESSIONAL ENGINEERING AND SURVEYING ACT OF 1968, AS AMENDED, AND THE PROFESSIONAL SURVEYOR AND LAND SURVEYOR ACT OF 1968, AS AMENDED, AND THE PROFESSIONAL ENGINEERING AND SURVEYING ACT OF 1968, AS AMENDED, AND THE PROFESSIONAL SURVEYOR AND LAND SURVEYOR ACT OF 1968, AS AMENDED.

DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

EXHIBIT G SHEET G-73

DETAIL MAP OF PROJECT AREA

SHEET 73 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

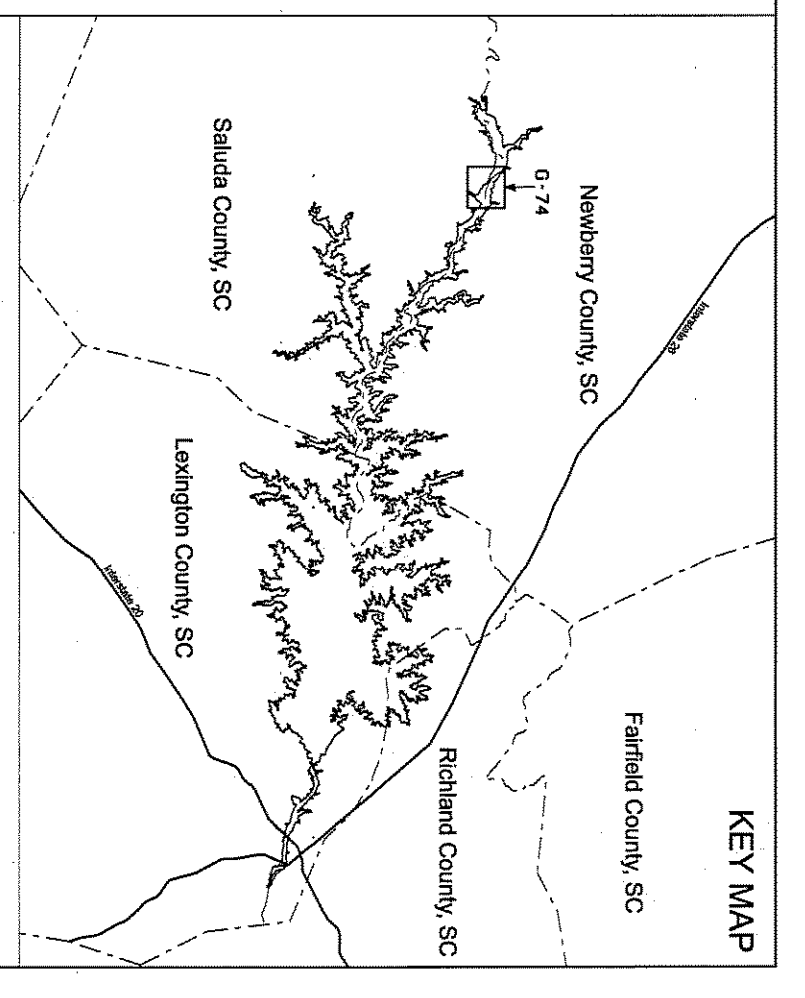
DATE: FEBRUARY 2009

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 33°45' W	482
1-2	N 59°00' W	1040
2-3	S 39°00' W	1790
3-4	S 60°00' W	800
4-5	S 19°00' W	615
5-6	S 34°00' W	750
6-7	S 55°30' W	550
7-8	N 38°30' W	330
8-9	S 27°00' W	470
9-10	S 68°00' W	280
10-11	N 38°30' E	1665
11-12	N 23°30' E	850
12-13	N 34°30' W	940
13-14	N 63°15' W	625
14-15	N 71°00' W	795
15-16	N 07°30' W	460
16-17	N 87°25' W	700
17-18	N 29°45' W	1330
18-19	N 64°00' W	1625
19-20	N 72°30' W	930
20-21	N 60°50' W	583
21-22	N 53°00' W	610
22-23	N 64°22' W	910
23-24	N 85°52' W	412
24-25	S 60°00' E	244
25-26	S 47°00' E	605
26-27	S 31°00' E	285
27-28	N 34°00' E	715
28-29	S 84°40' E	100
29-30	S 18°00' W	865
30-31	S 89°54' E	548
31-32	S 59°30' E	875
32-33	S 43°00' E	536
33-34	S 69°00' E	666
34-35	S 90°30' E	881
35-36	S 10°30' W	285
36-37	S 10°30' W	720
37-38	S 75°00' E	1020
38-39	S 31°00' E	820
39-40	N 80°00' E	545
40-41	N 02°38' E	437
41-42	S 69°30' E	430
42-43	S 69°00' E	1020
43-44	N 76°00' E	674
44-45	S 80°00' E	530
45-46	S 65°30' E	570
46-47	N 08°30' W	648
47-48	N 01°00' W	670
48-49	N 19°00' E	725
49-50	N 48°00' E	190
50-51	N 11°00' W	550
51-52	S 46°30' E	280
52-53	S 01°30' W	735
53-54	N 73°00' E	185
54-55	N 84°00' E	180
55-56	S 59°00' W	420
56-57	S 01°30' W	957
57-58	S 51°30' E	158
58-59	S 51°30' E	170
59-60	S 45°00' W	125
60-61	S 42°00' E	380
61-62	N 59°00' E	270
62-63	S 30°30' E	350
63-64	S 25°30' E	310
64-65	S 47°30' E	187
65-66		



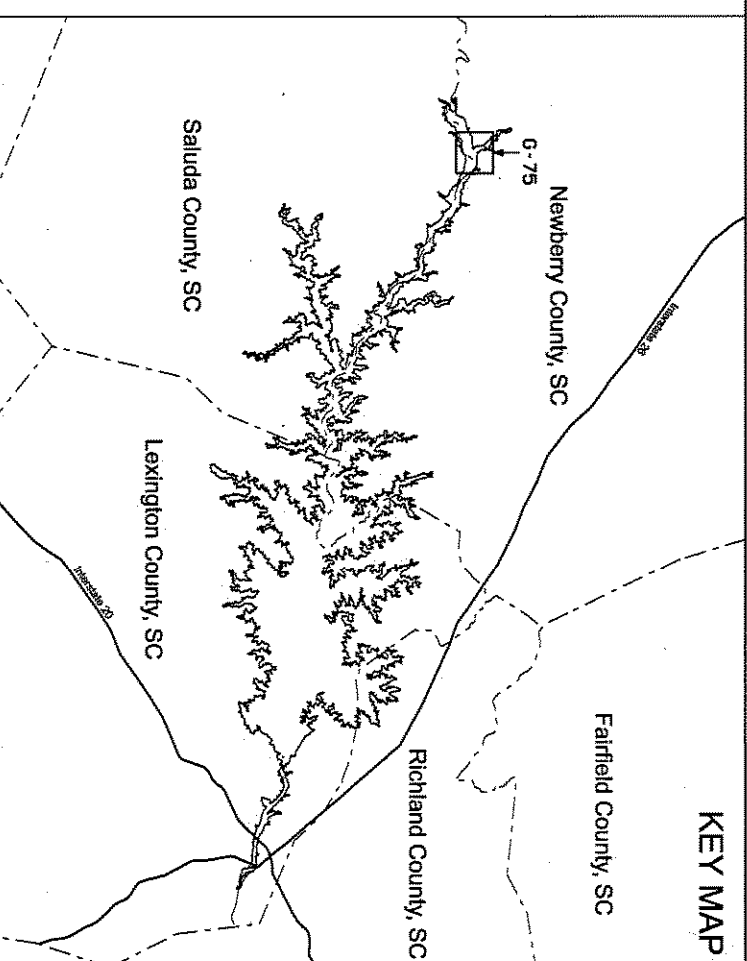
- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).  
 VERTICAL DATUM BASED ON NAVD83 (FEET).  
 ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLAIN DATUM (PD). TO CONVERT FROM S.C.E. & G. PLAIN DATUM TO NAVD83, ADD 5.01'. THE SURVEYING AND RECORDING DEPARTMENT HAS REVIEWED THIS PROJECT RECORD (UNLESS OTHERWISE NOTED, ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROLLED ARE PROVIDED BY S.C.E. & G. AND WETTED BY CROSS-TIE).  
 THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE ENGINEER IN CHARGE OF THE PROJECT, SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (INTERNATIONAL FOOT) AND THE VERTICAL DATUM IS NAVD83 (FEET).  
 I, GARY FAYON, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13130, HAVE REVIEWED THIS PORTION OF THE LAND REBURY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW OF THIS PORTION OF THE PROJECT BOUNDARY IS LIMITED TO THE AREAS SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY. THE PROJECT BOUNDARY LINES THAT ARE NOT SHOWN ON THIS MAP WERE BASED ON S.C.E. & G. SURVEYS AND RECORDS. I HAVE REVIEWED THE RECORDS OF THESE SURVEYS AND RECORDS.  
 H. G. FAYON  
 S.C. REG. 15180

EXHIBIT G SHEET G-74  
 DETAIL MAP OF PROJECT AREA  
 SHEET 74 OF 77  
 SALUDA HYDROELECTRIC PROJECT NO. 516  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 SCALE: 1 INCH = 400 FEET  
 DATE: FEBRUARY 2009

Project Boundary Line Traverse

From - To	Bearing	Distance
0-1	N 53°00' W	227'
1-2	N 64°22' W	910'
2-3	N 85°52' W	895'
3-4	N 76°52' W	850'
4-5	N 63°22' W	570'
5-6	S 77°08' W	670'
6-7	N 82°22' W	1010'
7-8	S 26°08' W	300'
8-9	S 01°38' W	263'
9-10	N 51°52' W	120'
10-11	S 42°08' W	510'
11-12	S 62°38' W	370'
12-13	S 13°22' E	210'
13-14	N 38°22' W	245'
14-15	S 58°38' W	295'
15-16	S 75°08' W	500'
16-17	S 58°53' W	320'
17-18	S 13°08' W	320'
18-19	N 23°07' W	670'
19-20	S 77°38' W	905'
20-21	S 27°38' W	380'
21-22	S 79°38' W	970'
22-23	S 29°03' W	577'
23-24	N 31°08' E	302'
24-25	S 69°08' W	726'
25-26	N 60°00' E	182'
27-28	N 15°00' W	120'
28-29	N 47°10' E	499'
29-30	S 35°30' E	200'
30-31	N 84°32' E	39'
31-32	N 56°21' E	827'
32-33	N 84°30' E	1330'
33-34	S 87°00' E	695'
34-35	N 75°38' E	618'
35-36	N 86°02' E	617'
36-37	N 39°29' E	430'
37-38	N 62°00' W	550'
38-39	N 34°00' W	780'
39-40	N 06°15' W	1588'
40-41	N 44°27' W	197'
41-42	N 44°49' W	218'
42-43	N 41°29' W	1070'
43-44	N 46°12' W	1190'
44-45	N 72°05' W	784'
45-46	N 05°28' W	621'
46-47	S 27°30' E	370'
47-48	S 71°06' E	746'
48-49	S 65°00' E	950'
49-50	S 65°00' E	385'
50-51	N 48°00' E	560'
51-52	N 53°00' E	620'
52-53	S 20°07' W	1041'
53-54	S 44°29' W	1153'
54-55	S 39°00' E	176'
55-56	N 08°09' E	1002'
56-57	N 86°29' E	270'
57-58	S 70°46' W	425'
58-59	S 05°00' W	660'
59-60	S 47°16' E	824'
60-61	S 17°47' E	485'
61-62	S 83°56' E	1070'
62-63	S 83°00' E	431'
63-64	N 79°03' E	1017'
64-65	S 80°02' E	187'
65-66	S 84°40' E	589'
66-67	S 78°16' E	635'
67-68	S 64°00' E	457'
68-69	N 19°30' E	590'
69-70	N 28°00' E	787'
70-71	N 28°00' E	236'
71-72	S 25°00' E	130'
72-73	S 11°30' W	90'
73-74	S 05°00' W	850'
74-75	S 08°30' W	342'
75-76	S 60°00' E	245'
76-77	S 47°00' E	605'
77-78	S 31°00' E	285'
78-79	N 34°00' E	189'



- LEGEND**
- MINIMUM RAILROAD
  - PIPELINE
  - TRANSITION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND INTERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - ESSENTIAL RIGHTS - FLOWAGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATA BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATA BASED ON WADSWORTH (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD 83 (NAD 83), THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE ENGINEER IN CHARGE, A PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA P.E. NO. 11515, WHO HAS REVIEWED THIS PORTION OF THE LATE MARION PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEER'S REVIEW OF THE LATE MARION PROJECT BOUNDARY SHOWN HEREIN IS LIMITED TO THE PORTION OF THE PROJECT BOUNDARY LINE THAT IS SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP. THE PROJECT BOUNDARY LINE IS NOT BEING SHOWN ON THIS MAP.

DATE: FEBRUARY 2009

EXHIBIT G SHEET G-75

DETAIL MAP OF PROJECT AREA

SHEET 75 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

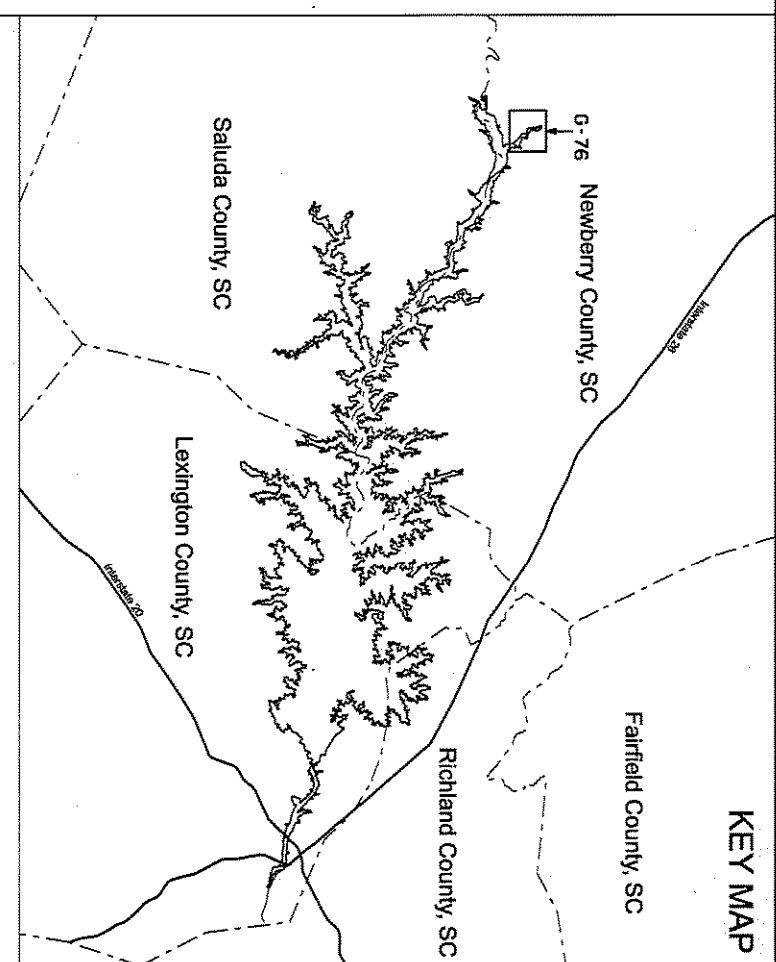
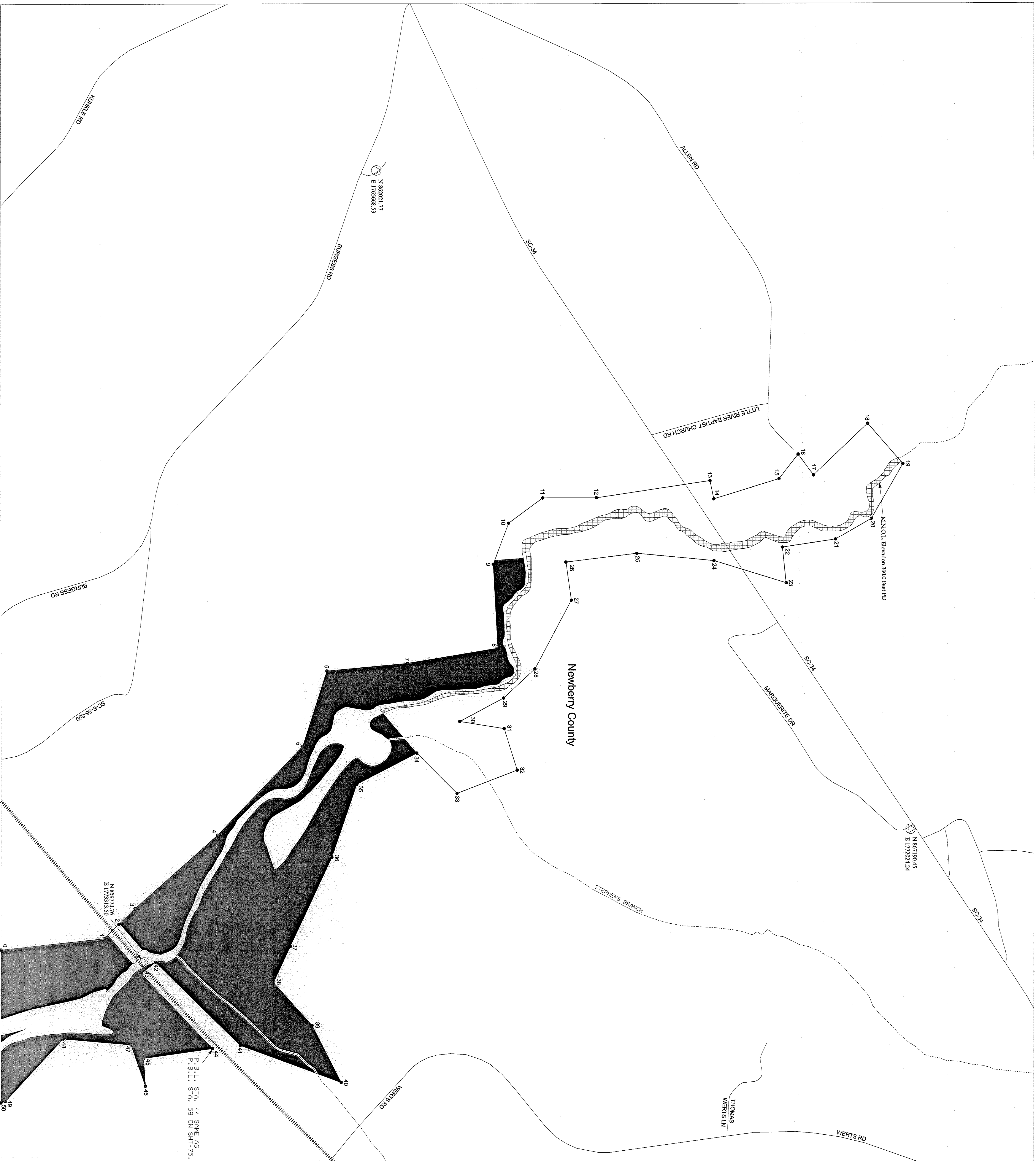
SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009

**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	N 06°15' W	1007'
1-2	N 44°27' W	197'
2-3	N 44°49' W	218'
3-4	N 41°29' W	1070'
4-5	N 46°12' W	1190'
5-6	N 72°05' W	784'
6-7	N 05°28' W	781'
7-8	N 09°36' W	889'
8-9	S 86°53' W	809'
9-10	N 69°30' W	425'
10-11	N 00°00' E	520'
11-12	N 08°30' W	410'
12-13	N 78°00' E	180'
13-14	N 17°00' W	680'
14-15	N 52°00' W	300'
15-16	N 53°30' E	290'
16-17	N 43°30' W	723'
17-18	N 48°45' E	518'
18-19	S 60°00' E	610'
19-20	S 30°00' E	400'
20-21	S 08°30' E	520'
21-22	N 84°00' E	345'
22-23	S 17°00' W	730'
23-24	S 05°30' W	780'
24-25	S 06°57' E	691'
25-26	N 82°00' E	370'
26-27	S 62°00' E	750'
27-28	S 43°00' E	415'
28-29	S 28°00' E	480'
29-30	N 09°00' E	435'
30-31	N 72°30' E	420'
31-32	S 21°15' E	625'
32-33	S 43°00' W	590'
33-34	S 27°30' E	695'
34-35	S 71°06' E	746'
35-36	S 65°00' E	950'
36-37	S 55°00' E	385'
37-38	N 48°00' E	560'
38-39	N 63°00' E	620'
39-40	S 20°07' W	1041'
40-41	S 44°29' W	1153'
41-42	S 39°00' E	176'
42-43	S 08°09' E	1002'
43-44	N 86°25' E	270'
44-45	S 70°46' W	425'
45-46	S 05°00' W	660'
46-47	S 47°16' E	824'
47-48	S 17°47' E	45'
48-49		
49-50		



- LEGEND**
- RAILROAD
  - PIPELINE
  - TRANSMISSION LINE
  - ROAD
  - PROJECT BOUNDARY LINE
  - MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
  - STREAM
  - COUNTY BOUNDARY
  - ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND INTERBANK
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. BELOW M.N.O.L.
  - ESSEMENT RIGHTS - FLOUGE AT A MINIMUM BELOW M.N.O.L.
  - PROPERTY OWNED IN FEE BY S.C.E. & G. - RECREATION AREAS
  - PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NUMBER 22801 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON NAVD83 FEET.

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO NAVD83 ON S.C.E. & G. SURVEYS AND RECORDED SURVEYS AND DEEDS, SEE RECORD (UNLESS OTHERWISE NOTED). ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONDONS WERE PROVIDED BY S.C.E. & G. AND VERIFY BY OWNERS. THE STEREOCORRELATION PROCESS IN ACCORDANCE WITH NATIONAL STANDARD MAP ACTING AS A SCALE APPROXIMATELY 1 INCH = 600 FEET.

1. GEORGE SENESE, A PROFESSIONAL SURVEYOR, SOUTH CAROLINA, HAS REVIEWED THIS PROJECT BOUNDARY AND CONFIRMS THAT THE BOUNDARY LINES SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION ACT AND THE SURVEYING AND MAPPING ACT OF 1992. THE ENGINEERING AND SURVEYING WORK SHOWN HEREIN, INCLUDING THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE OUTSIDE THE PROJECT BOUNDARY, AND THE PROJECT BOUNDARY LINES THAT ARE INSIDE THE PROJECT BOUNDARY, WAS PREPARED BY SENESE AND HIS ASSISTANTS AND IS NOT A REPRODUCTION OF ANY OTHER SURVEYING WORK.

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY SENESE ON FEBRUARY 2009. THE DATE OF THIS DOCUMENT SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

1. GARY FAYON, A PROFESSIONAL LAND SURVEYOR, IN THE STATE OF SOUTH CAROLINA P.L.S. 13130, HAS REVIEWED THIS PORTION OF THE LAKE MARQUETTE PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING WORK SHOWN ON THIS MAP THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE INSIDE THE PROJECT BOUNDARY, THE PROJECT BOUNDARY LINES THAT ARE OUTSIDE THE PROJECT BOUNDARY, AND THE PROJECT BOUNDARY LINES THAT ARE INSIDE THE PROJECT BOUNDARY, WAS PREPARED BY SENESE AND HIS ASSISTANTS AND IS NOT A REPRODUCTION OF ANY OTHER SURVEYING WORK.

DATE: FEBRUARY 2009

S.C. REG. 13130

EXHIBIT 6 SHEET G-76

DETAIL MAP OF PROJECT AREA

SHEET 76 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

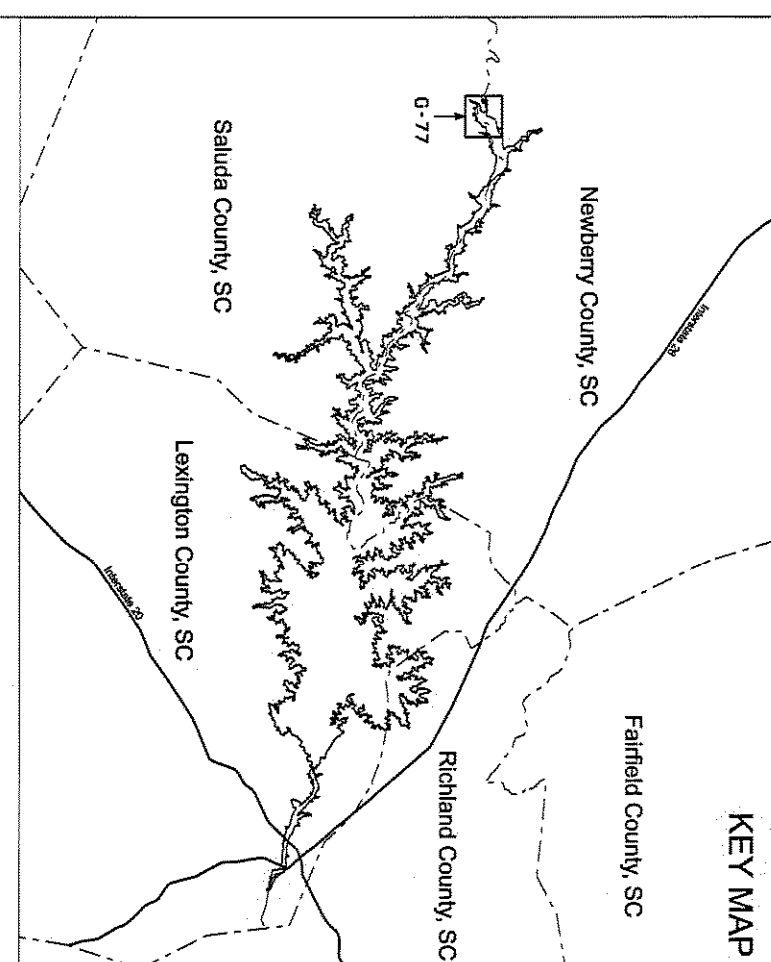
SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009



**Project Boundary Line Traverse**

From - To	Bearing	Distance
0-1	S 29°03' W	113'
1-2	S 92°08' W	940'
2-3	S 72°48' W	333'
3-4	S 11°23' W	960'
4-5	N 79°22' W	230'
5-6	N 10°53' E	1072'
6-7	N 10°53' E	220'
7-8	N 31°08' E	1010'
8-9	S 69°08' W	880'
9-10	S 81°38' W	530'
10-11	S 41°38' W	285'
11-12	N 70°22' W	270'
12-13	S 57°38' W	730'
13-14	S 17°52' E	570'
14-15	S 44°38' W	450'
15-16	N 67°52' W	240'
16-17	S 43°08' W	1200'
17-18	S 31°08' W	1080'
18-19	N 15°08' E	735'
19-20	S 61°08' W	672'
20-21	S 76°08' W	978'
21-22	S 19°52' E	540'
22-23	S 67°38' W	440'
23-24	N 36°22' W	750'
24-25	S 80°38' W	733'
25-26	N 75°52' W	691'
26-27	S 00°53' W	580'
27-28	S 64°08' W	110'
28-29	N 22°52' W	270'
29-30	N 08°37' W	650'
30-31	N 67°52' W	710'
31-32	S 24°08' W	1300'
32-33	S 33°38' W	950'
33-34	S 61°08' W	390'
34-35	N 86°22' W	180'
35-36	N 39°38' E	340'
36-37	N 30°23' E	680'
37-38	N 02°53' E	550'
38-39	N 28°53' E	670'
39-40	S 68°07' E	510'
40-41	N 05°08' E	910'
41-42	N 64°22' E	817'
42-43	E 1.360.00'	2222'
43-44	N 22°30' E	121'
44-45	N 66°20' E	456'
45-46	N 74°30' E	630'
46-47	N 10°00' E	250'
47-48	N 29°30' E	530'
48-49	S 72°30' W	690'
49-50	S 72°30' W	440'
50-51	N 87°30' W	340'
51-52	N 20°00' W	400'
52-53	N 43°00' E	323'
53-54	N 90°00' E	229'
54-55	N 90°00' E	770'
55-56	S 87°00' E	1331'
56-57	N 87°00' E	893'
57-58	S 71°30' E	636'
58-59	N 80°00' E	662'
59-60	N 22°30' E	550'
60-61	N 22°30' E	1694'
61-62	N 56°00' E	330'
62-63	N 65°00' E	300'
63-64	N 74°30' E	500'
64-65	R.R. RW	2233'
65-66	N 30°45' W	200'
66-67	N 42°30' W	600'
67-68	S 42°30' W	390'
68-69	S 36°00' E	300'
69-69	R.R. RW	667'
69-69	R.R. RW	200'
69-69	S 30°45' E	210'
69-69	R.R. RW	210'
70-71	S 70°30' E	80'
71-72	N 60°00' E	370'
72-73	N 15°00' W	120'
73-74	R.R. RW	499'
74-75	S 35°30' E	200'
75-76	N 86°00' E	80'
76-77	N 55°31' E	632'



**LEGEND**

- RAILROAD
- PIPELINE
- TRANSMISSION LINE
- ROAD
- PROJECT BOUNDARY LINE
- MAXIMUM NORMAL OPERATING LEVEL (M.N.O.L.)
- STREAN
- COUNTY BOUNDARY
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BETWEEN P.B.L. & M.N.O.L. OR BETWEEN P.B.L. AND HORIZONTAL RECORD UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROL ARE PROVIDED BY S.C.E. & G. AND MARKED BY SURVEY.
- PROPERTY OWNED IN FEE BY S.C.E. & G. BETWEEN M.N.O.L. AND P.B.L.
- ESSENTIAL RIGHTS - FLOODAGE AT A MINIMUM BELOW M.N.O.L.
- PROPERTY OWNED IN FEE BY S.C.E. & G. RECREATION AREAS
- PROPOSED FUTURE RECREATION AREAS

HORIZONTAL DATUM BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD83/2011 (INTERNATIONAL FOOT).

VERTICAL DATUM BASED ON MGD88 (FEET).

ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN PLANT DATUM (PD). TO CONVERT FROM S.C.E. & G. PLANT DATUM (PD) TO MGD88 (FEET), S.C.E. & G. SURVEYS AND RECORDS SHOULD BE USED UNLESS OTHERWISE NOTED. ALL AREAS OF THE PROJECT BOUNDARY THAT ARE ELEVATION CONTROL ARE PROVIDED BY S.C.E. & G. AND MARKED BY SURVEY.

STEREOREDUCTION PROCESS IN ACCORDANCE WITH NATIONAL STEREOREDUCTION PROCEDURE (N.S.P.) SHALL BE USED FOR ALL PHOTOGRAPHS.

1. GENERAL SURVEYING - A PROFESSIONAL SURVEYOR HAS PHOTOGRAPHIC STEREOPAIRS OF THE PROJECT AREA AND HAD THEM REPRODUCED ON A 1:1 SCALE. THE REPRODUCTION AND CONTROLS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS (N.M.P.S.) AND THE SURVEYING AND RECORDS SHOWN ON SAID MAPS ARE IN ACCORDANCE WITH THE NATIONAL MAP PRODUCTION STANDARDS (N.M.P.S.).

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY THE PROFESSIONAL SURVEYOR IN THE STATE OF SOUTH CAROLINA P.L.S. 13163, HAVE RECEIVED THIS PORTION OF THE LAND SURVEY PROJECT BOUNDARY SHOWN HEREIN. THE ENGINEERING AND SURVEYING SERVICES AND RECORDS SHOWN ON THIS MAP ARE THE PROPERTY OF THE ENGINEERING AND SURVEYING COMPANY AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF THE ENGINEERING AND SURVEYING COMPANY.

DATE: FEBRUARY 2009

SC. BLS 4163

**EXHIBIT G SHEET G-77**

DETAIL MAP OF PROJECT AREA

SHEET 77 OF 77

SALUDA HYDROELECTRIC PROJECT NO. 516

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SCALE: 1 INCH = 400 FEET

DATE: FEBRUARY 2009