

**TYPICAL STOCKPILE SECTION**  
 NOTES:  
 1. UPON COMPLETION OF FILING, THE STOCKPILE AREA SHALL BE STABILIZED BY SEEDING.  
 2. AT ALL TIMES DURING THE FILING AND LATER EXCAVATION OF THE STOCKPILE, NO SLOPES STEEPER THAN 4 HORIZONTAL TO 1 VERTICAL SHALL BE ALLOWED OVERNIGHT.

FILE OF RECORD  
 NO.

FILE OF RECORD  
 NO.

Kimley-Horn and Associates, Inc.  
 8666 PCTA DRIVE  
 SARASOTA, FLORIDA 34238  
 TEL (941) 552-8197  
 FAX (941) 552-2351  
 Project No.: CH8009.03  
 Date: 9/97  
 Scale: 1"=150'

**Kimley-Horn and Associates, Inc.**

Design By: DRO  
 Drawn By: DRO  
 Checked By: CAO  
 Plot Index: B-1  
 CADD File: CONST

NO.	REVISION	DATE	BY
A	REVISE STREET 'V' & ADD STOCKPILE LOCATION	9/9/98	DRO
B	REV. STOCKPILE LOCATION & CONFIGURATION	10/28/98	DRO

This document, together with the concepts and designs presented herein, as an instrument of service, is prepared for the sole purpose of client's use for which it was prepared. It is not to be used for any other purpose without the written consent of Kimley-Horn and Associates, Inc. Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

James M. Small, P.E. 001224  
 Engineering License No. 6886  
 State of Florida

FOR: BRANDYWINE LAND COMPANY  
 TITLE: PRELIMINARY/CONSTRUCTION PLANS  
 RIVENDELL, UNIT 3  
 DESC: MASTER DRAINAGE PLAN

**B-1**

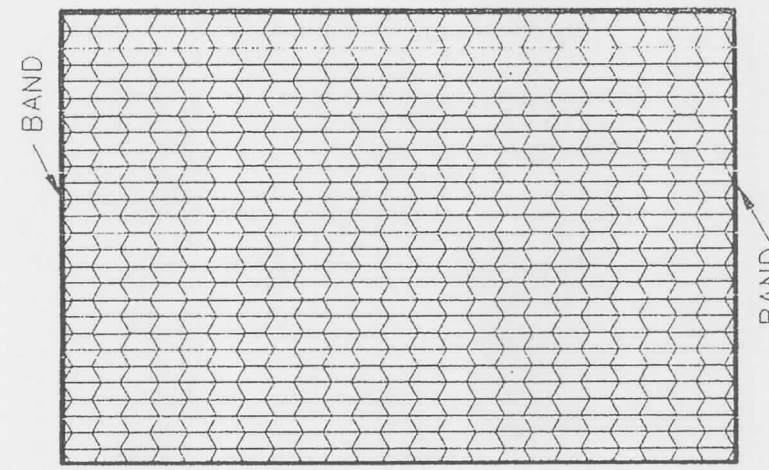
A18 44010445.004

SPE 2/20/2004  
 INSPECTION CONDUCTED BY DISTRICT  
 INSPECTION NOT CONDUCTED BY DISTRICT  
 RIGHT RESERVED FOR FUTURE INSPECTION

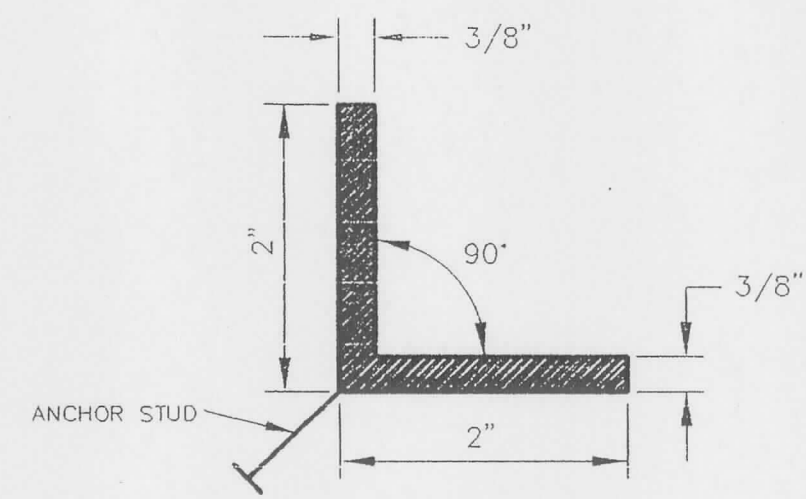


H:\048009.05\CONSTR\B\_00905.dwg Thu Oct 29 11:01:10 1998 DRO





STEEL GRATE USF #6615  
APPLY ASPHALT PAINT



**STEEL FRAME DETAIL**

(ALL FOUR SIDES WELDED TOGETHER)  
N.T.S.  
APPLY ASPHALT PAINT

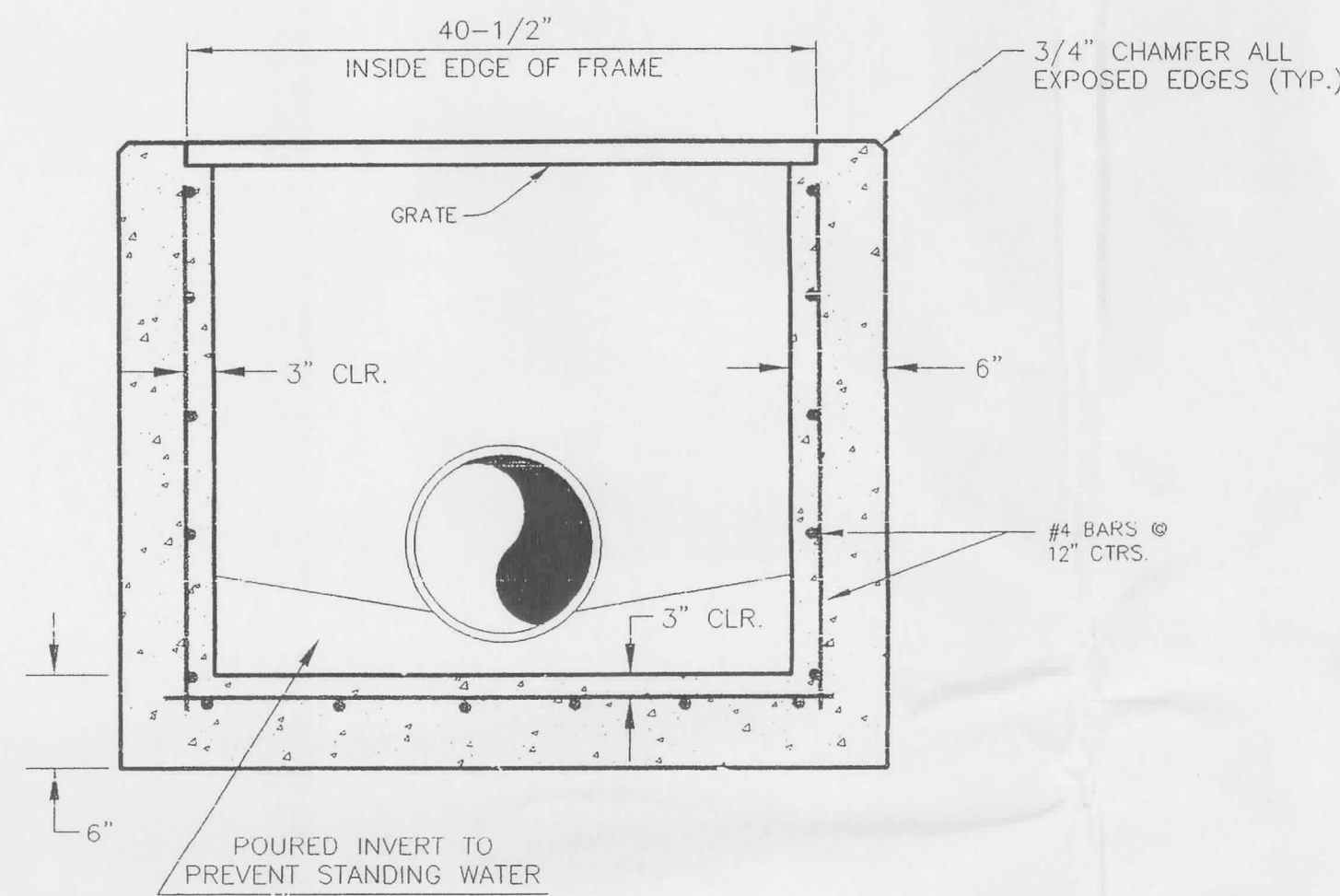
CONTROL STRUCTURE NO.	TOP OF STRUCTURE GRATE ELEV.	WEIR CREST (RECT.)	RECTANGULAR WEIR SIZE (SLOTS) (WINDOWS)			NOTCH ELEV.	NOTCH WIDTH	NOTCH HEIGHT	PIPE SIZE/TYPE	OUTFALL PIPE INVERT	SKIMMER? YES/NO	SPECIAL COMMENT
			FRONT	REAR	SIDES							
CS-8	14.50	13.70	3.00	N/A	N/A	3.00	N/A	N/A	24" RCP	10.50	NO	
(RECORD DATA)	(14.51)	(13.72)	(3.00)						(24" RCP)	(10.46)		
CS-9	14.40	13.70	4.00	N/A	N/A	4.00	N/A	N/A	24" RCP	9.45	NO	
(RECORD DATA)	(14.46)	(13.75)	(4.00)						(24" RCP)	(9.45)		
CS-10	14.40	13.20	4.00	N/A	3.00 (2)	10.00	N/A	N/A	36" RCP	8.70	NO	BUBBLER BOX **
(RECORD DATA)	(14.42)	(13.20)	(4.00)		(3.00(2))				(36" RCP)	(8.67)		
CS SUMP-1	14.40	13.10	4.00	4.00	3.00 (2)	14.00	N/A	N/A	29"x45" RCP	9.30	NO	BUBBLER BOX **
(RECORD DATA)	(14.37)	(13.08)	(4.00)	(4.00)	(3.00(2))				(29"x45" RCP)	(9.30)		
CS SUMP-2	14.40	13.10	4.00	N/A	3.00 (2)	10.00	N/A	N/A	18" N-12	10.00	NO	BUBBLER BOX **
(RECORD DATA)	(14.40)	(13.10)	(4.00)		(3.00(2))				(18")	(9.95)		

RECORD DATA PROVIDED BY DARRELL E. GERKEN, PSM, INC.

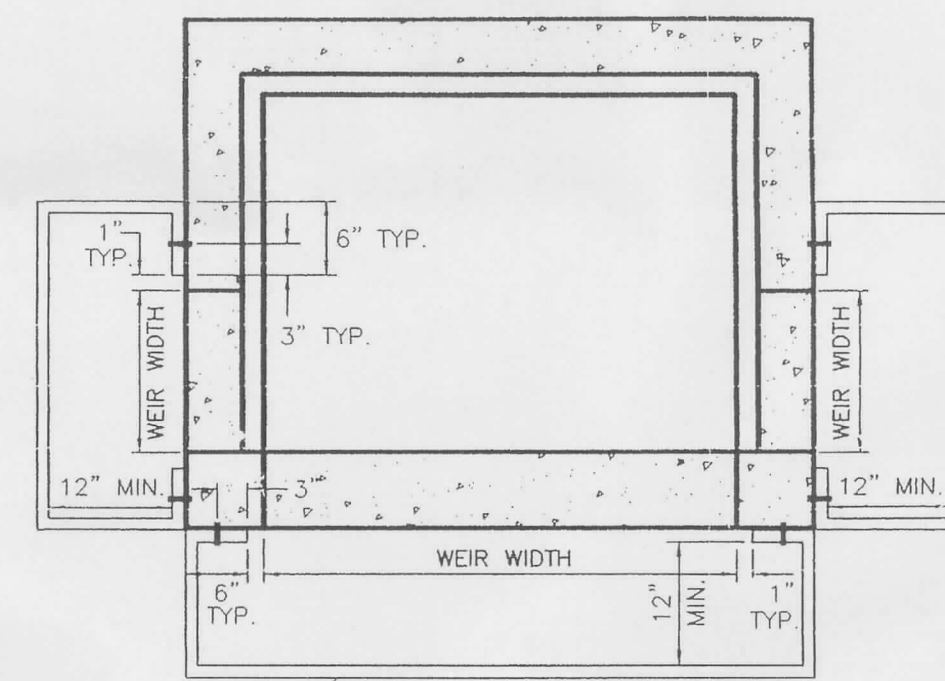
CONSTRUCTION IN WETLANDS SHOULD BE ACCESSED FROM THE UPLAND SIDE. ANY TEMPORARY IMPACT AREAS IN THE WETLAND SHOULD BE REGRADED AND RESTORED TO THEIR NATURAL CONDITION. CONSTRUCTION LIMITS IN WETLAND SHOULD NOT EXTEND MORE THAN 10 FEET FROM THE EDGE OF THE STRUCTURE UNLESS WETLAND SWALE IS REQUIRED.

\*\* 6" TO 12" ROCK RIP-RAP ON FILTER FABRIC EMBEDDED AND LAID UNIFORMLY FLUSH WITH GROUND 5' WIDE AROUND ALL 4 SIDES OF THE STRUCTURE. TOP OF ROCK RIP-RAP TO BE A MINIMUM OF 6" BELOW WINDOW FLOW LINES OR FLUSH WITH GROUND WHICH EVER IS LOWEST.

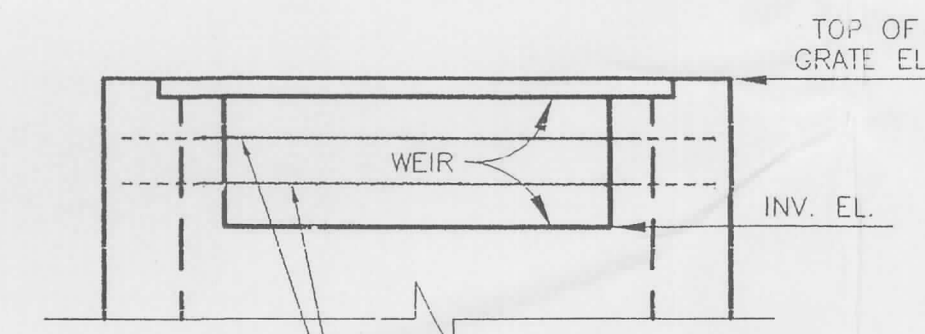
\*\* ALL BUBBLER BOXES SHALL HAVE AN INSIDE BOTTOM ELEVATION 18" BELOW PIPE INVERT. THE CONTRACTOR IS REQUIRED TO PROTECT THESE SUMPS AND PIPES FROM DEBRIS AND SILTATION. ALL PIPES AND SUMPS SHALL BE FREE OF DEBRIS AND SILTATION AT FINAL PROJECT ACCEPTANCE. DO NOT POUR INVERTS ON BUBBLER BOXES.



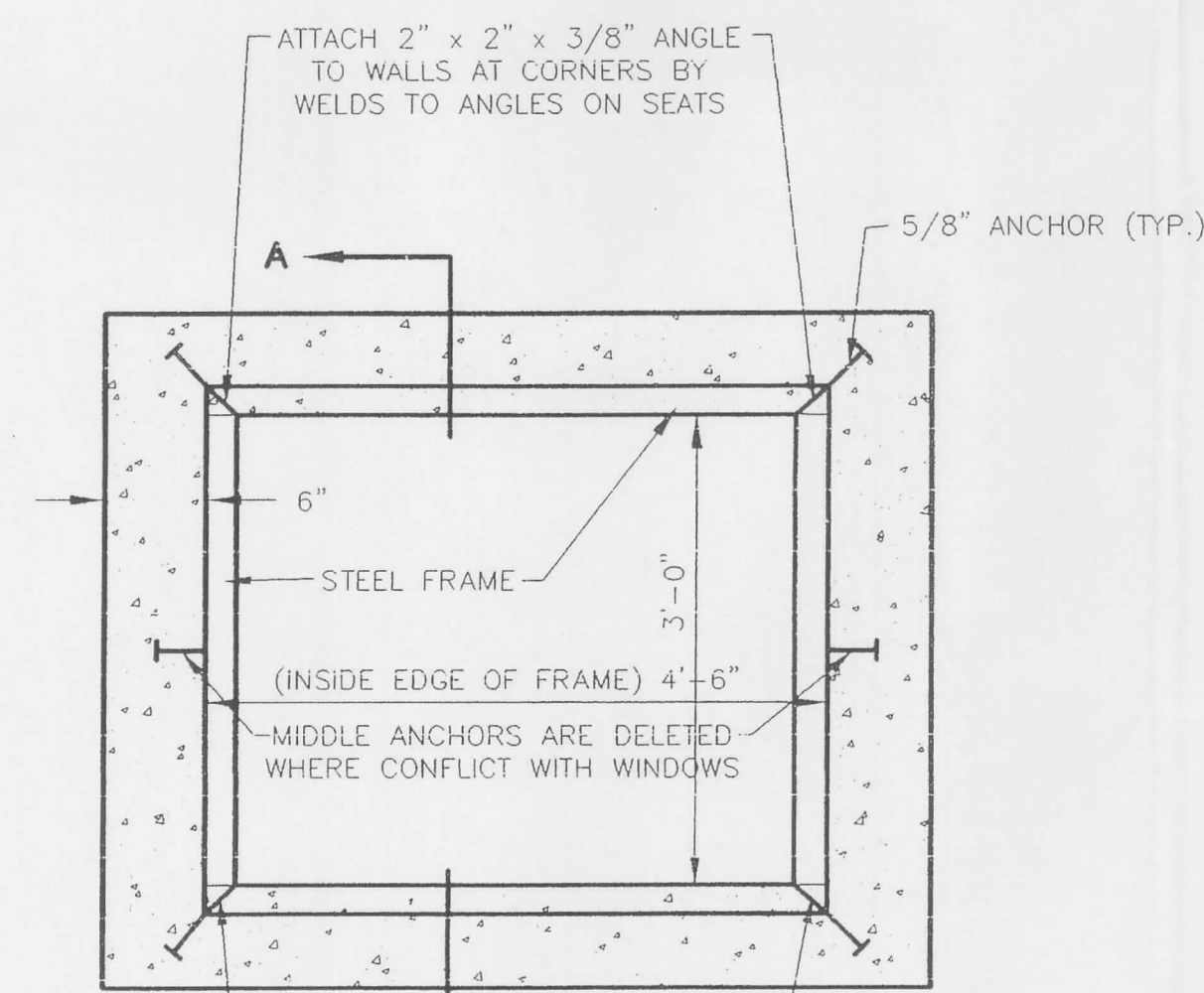
SECTION "A-A"



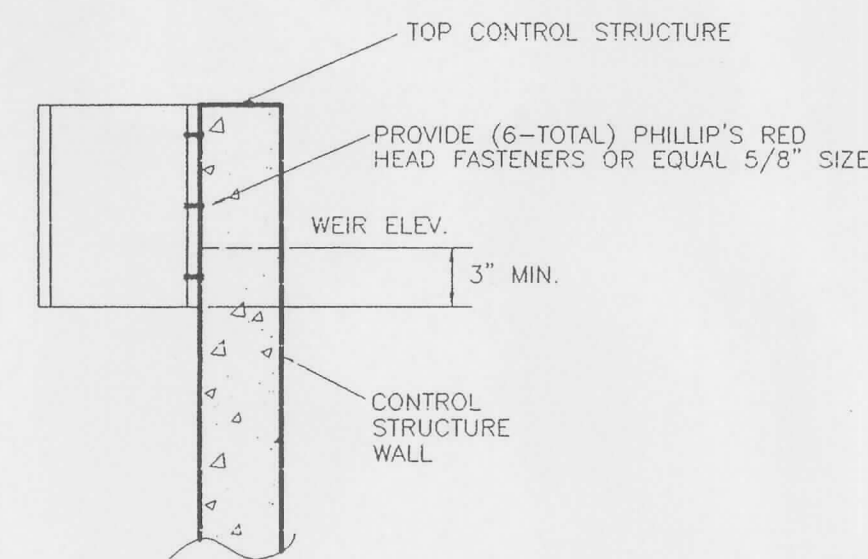
TOP VIEW



SECTION



PLAN



SIDE VIEW SKIMMER PLATE DETAIL

NOTES:

1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 4000 P.S.I. @ 28 DAYS.
2. ALL STEEL TO HAVE A MINIMUM 2 1/2" CLEARANCE UNLESS OTHERWISE NOTED.
3. STEEL REINFORCEMENT SHALL MEET ASTM SPECIFICATIONS (A-615), DEFORMED BARS.
4. ALL INLETS TO HAVE FIELD POURED INVERTS TO ELIMINATE STANDING WATER.
5. 3/4" CHAMFER ALL EXPOSED EDGES.

SEE PAVING, DRAINAGE AND GRADING PLANS FOR PIPE SIZES, LOCATIONS AND INVERT ELEVATIONS

Kimley-Horn and Associates, Inc. 11/97

SHEET NO. 3  
BRANDYWINE LAND COMPANY  
SARASOTA, FLORIDA 34238  
TEL (841) 922-8187  
FAX (841) 922-2551  
Project No. 48009.05  
SCALE: AS SHOWN

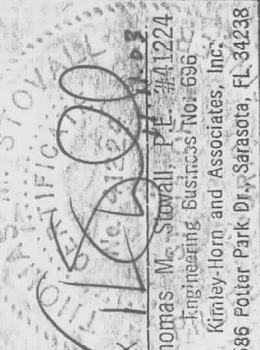
Kimley-Horn and Associates, Inc.



Drawn By: S.M.P. Checked By: [Blank]  
Date: 9/97  
Design By: [Blank]  
CADD File: CONST. Plot Index: DETAIL

NO.	REVISION	DATE
1	ADD RECORD DATA CHART	3.9.99

This document, together with the contract and specifications, is intended only for the specific project and site identified herein. It is not to be used for any other project or site without the written authorization and approval of Kimley-Horn and Associates, Inc. The user assumes all liability to Kimley-Horn and Associates, Inc.



BRANDYWINE LAND COMPANY  
PRELIMINARY/CONSTRUCTION PLANS  
RIVENDELL, UNIT 3 F  
GRATED FLOW CONTROL STRUCTURE DETAILS

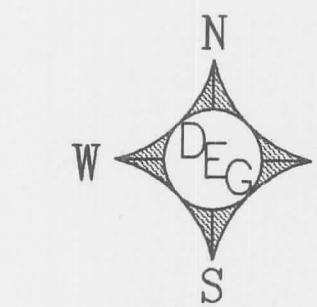
FOR FILE  
REVISED  
NOV 12 2003  
R.E. SARASOTA  
DISTRICT

B-10

44 10445.04

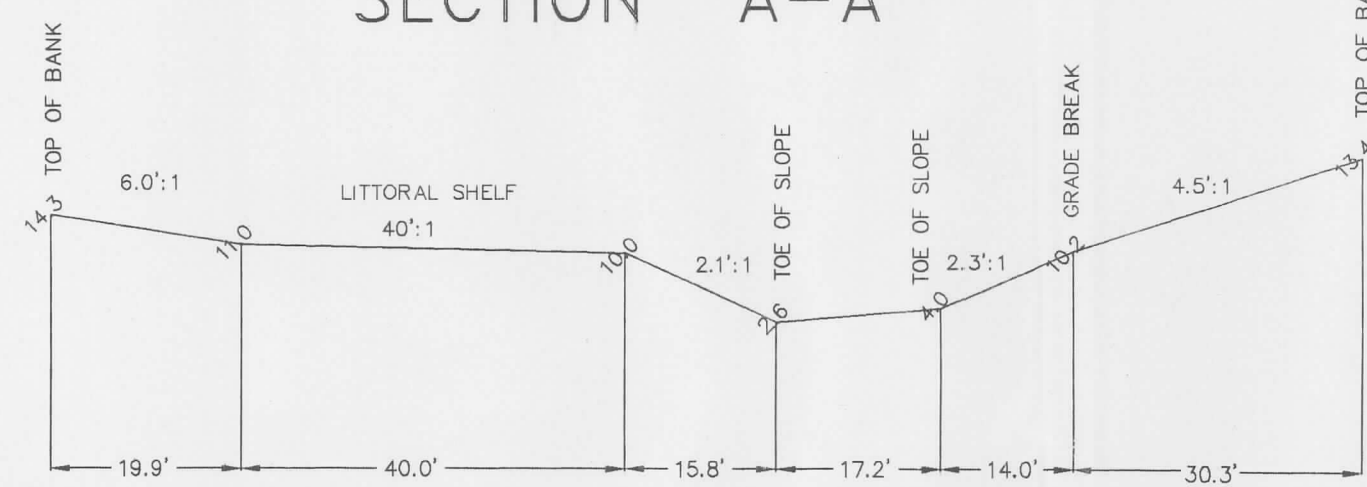
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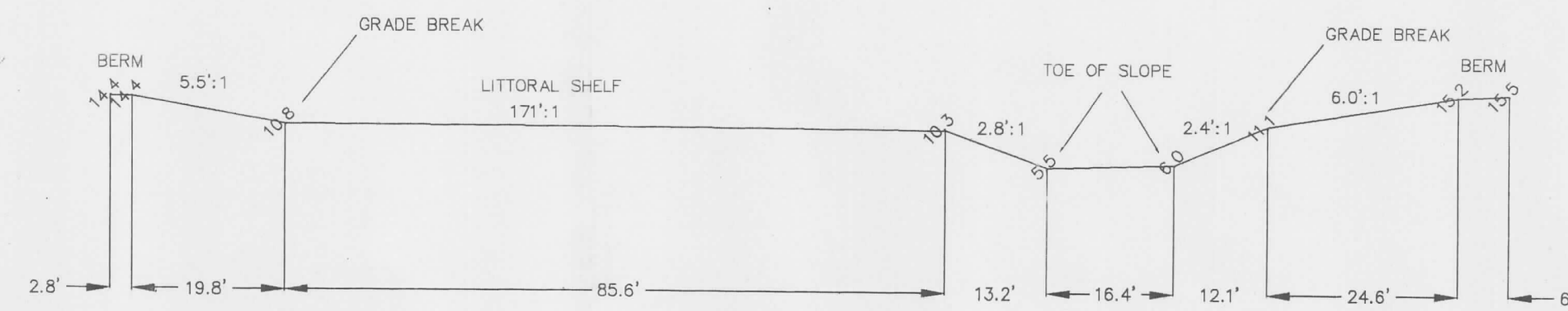


# RIVENDELL 2 LAKE 2102A AS-BUILT

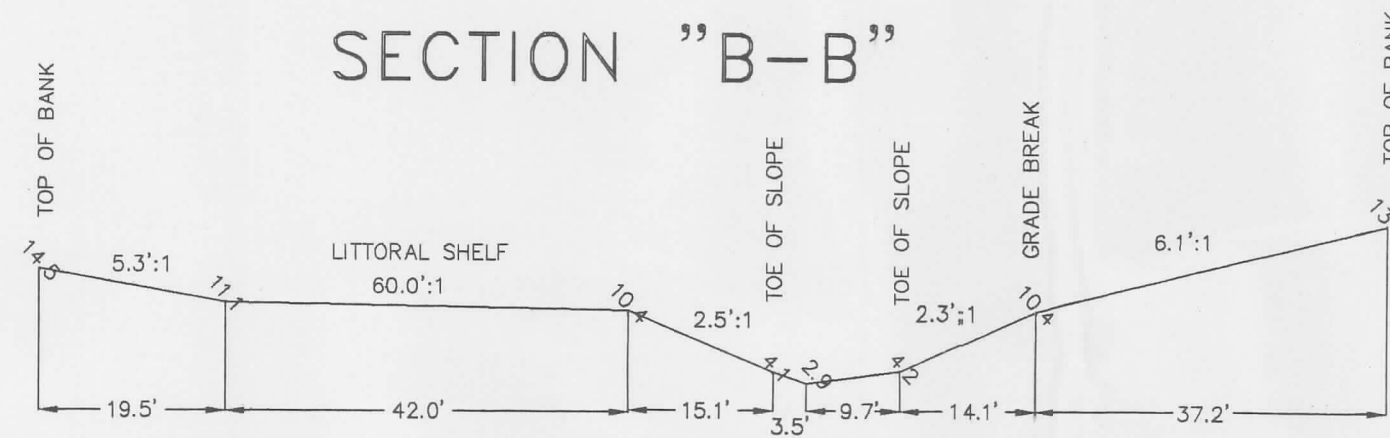
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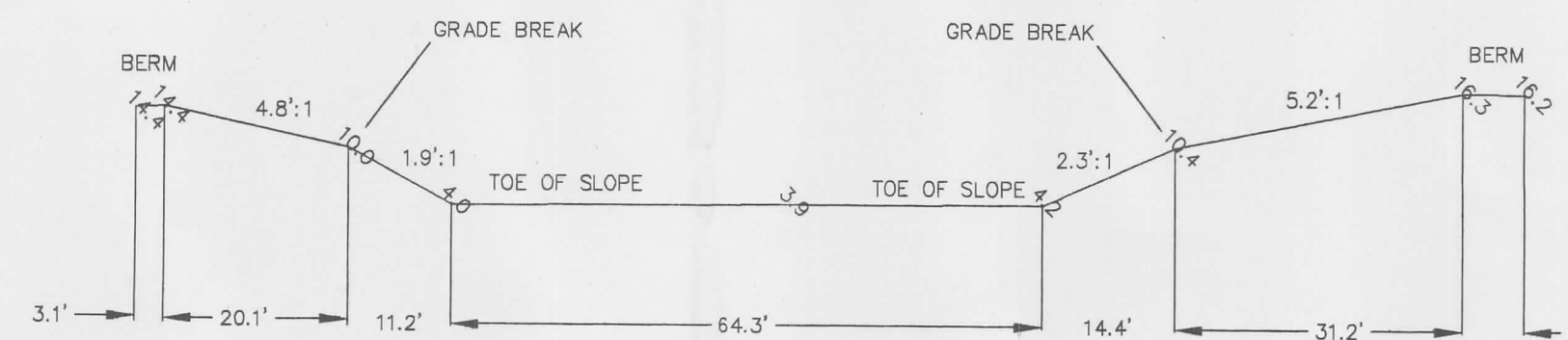
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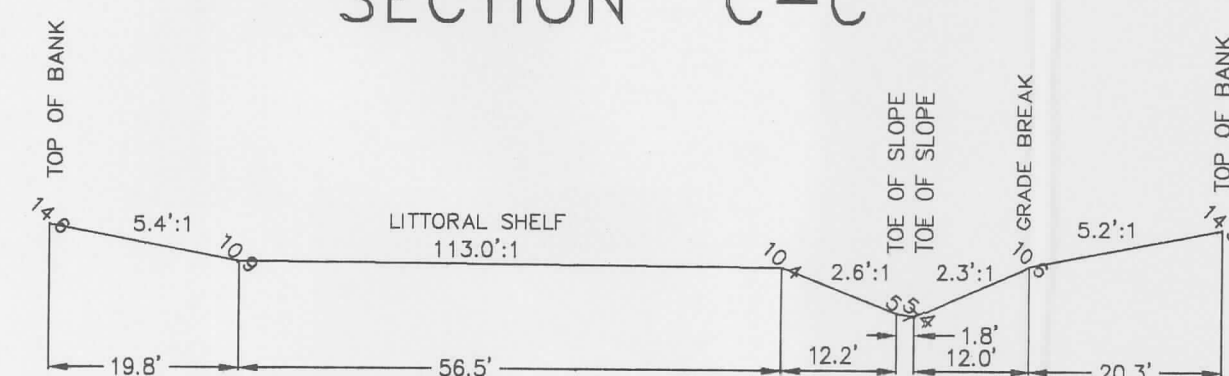
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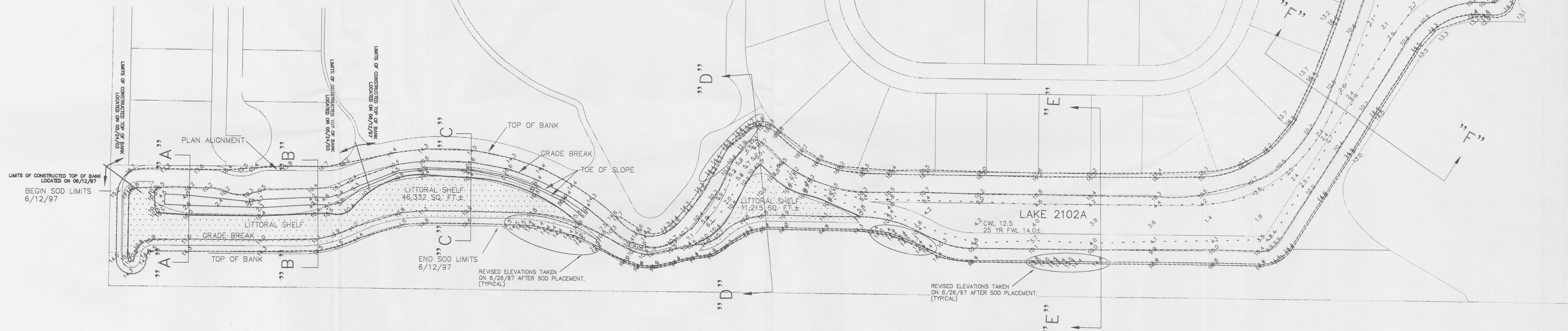
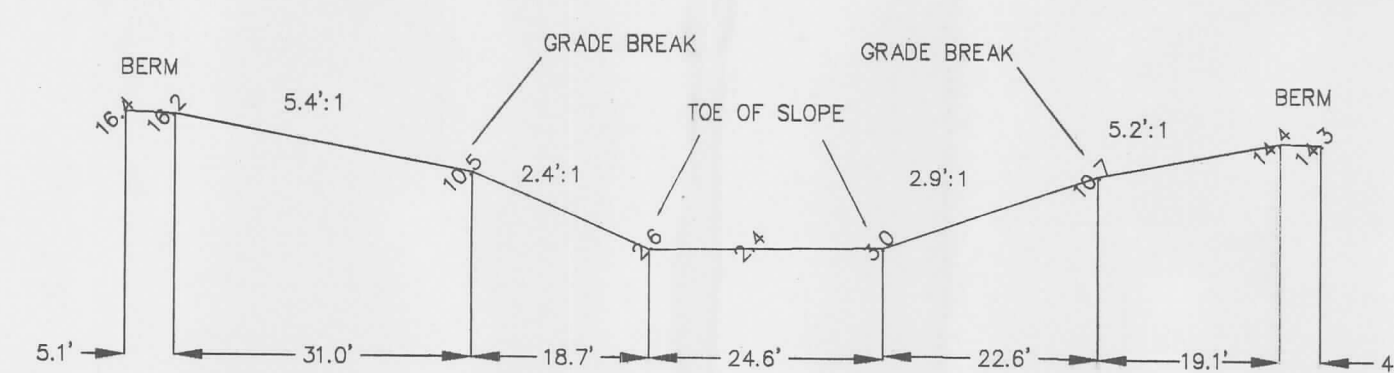
### SECTION "E-E"



### SECTION "C-C"



### SECTION "F-F"



#### NOTES:

1. THIS DRAWING REPRESENTS AN AS-BUILT SURVEY FOR THE PURPOSE OF SHOWING AS CONSTRUCTED ELEVATIONS AND DIMENSIONS IN RELATION TO THE PROPOSED IMPROVEMENT SHOWN HEREON.
2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK No. 157B WITH A PUBLISHED ELEVATION OF 16.38 FEET.
3. SOD NOT IN PLACE EXCEPT AS SHOWN.
3. COMBINED LITTORAL SHELF ARE 57,547 SQUARE FEET MORTE OR LESS.

**CERTIFICATE OF SURVEYOR**

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAT IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 6107-9, F.A.C.)

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY: 6/12/97

WILLIAM J. MAULSTER, REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 62827

---

CERTIFIED TO:  
KIMLEY-HORN AND ASSOCIATES

SCALE: 1"=80'  
DATE: 6/21/97

JOB NUMBER:  
96-03-02-S

DRAWN BY:  
JMD

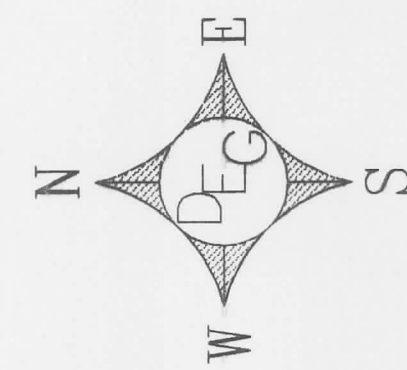
FIELD BOOK/PAGE:  
153/19 - 148/60

**DARRELL E. GERKEN PSM, INC.**  
PROFESSIONAL SURVEYORS & MAPPERS  
CERTIFICATE No. LB 6754  
5730A JASON LEE PLACE SARASOTA, FLORIDA 34233  
(941) 924-7465 (941) 922-3946 (FAX)

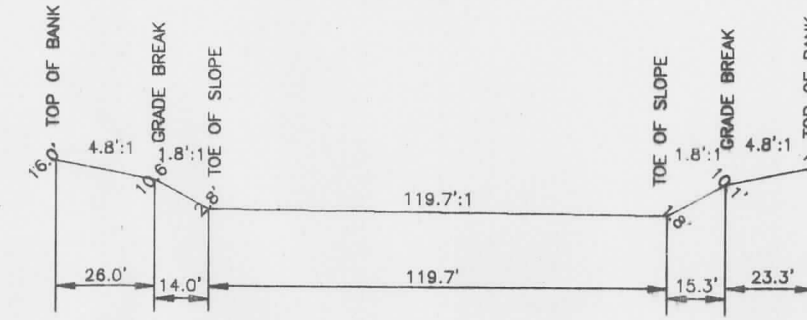
REVISIONS:  
ADDITIONAL ELEVATIONS 8/28/97  
ADDITIONAL ELEVATIONS 7/31/97  
AREA OF LT SHELF 06-03-03  
AS-BUILT LAKE TOP OF BANK 05/24/98  
REVISED 08/13/03  
REVISED LT SHELF 08/17/03 SPV

4410445-04

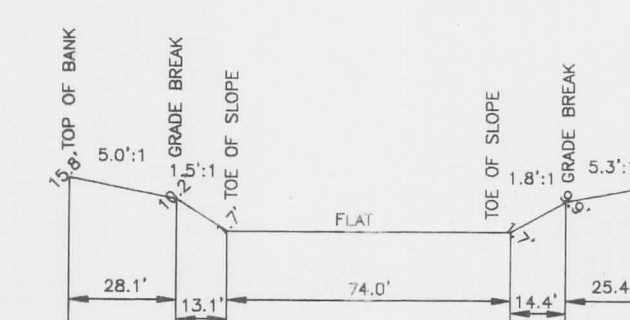




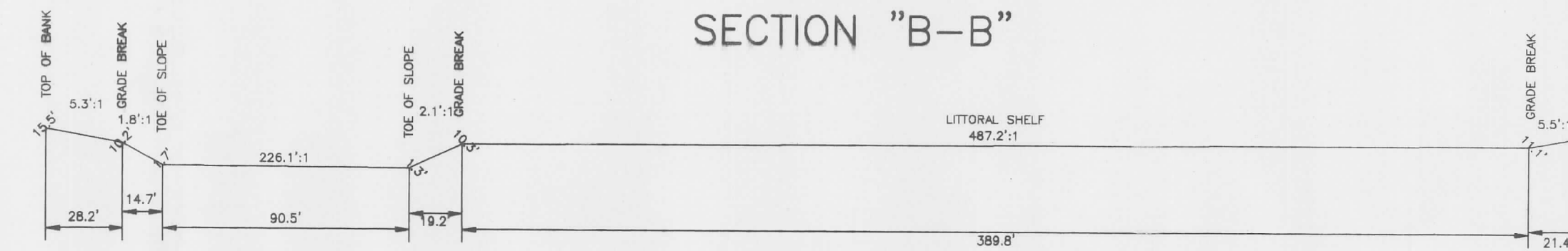
SECTION "A-A"



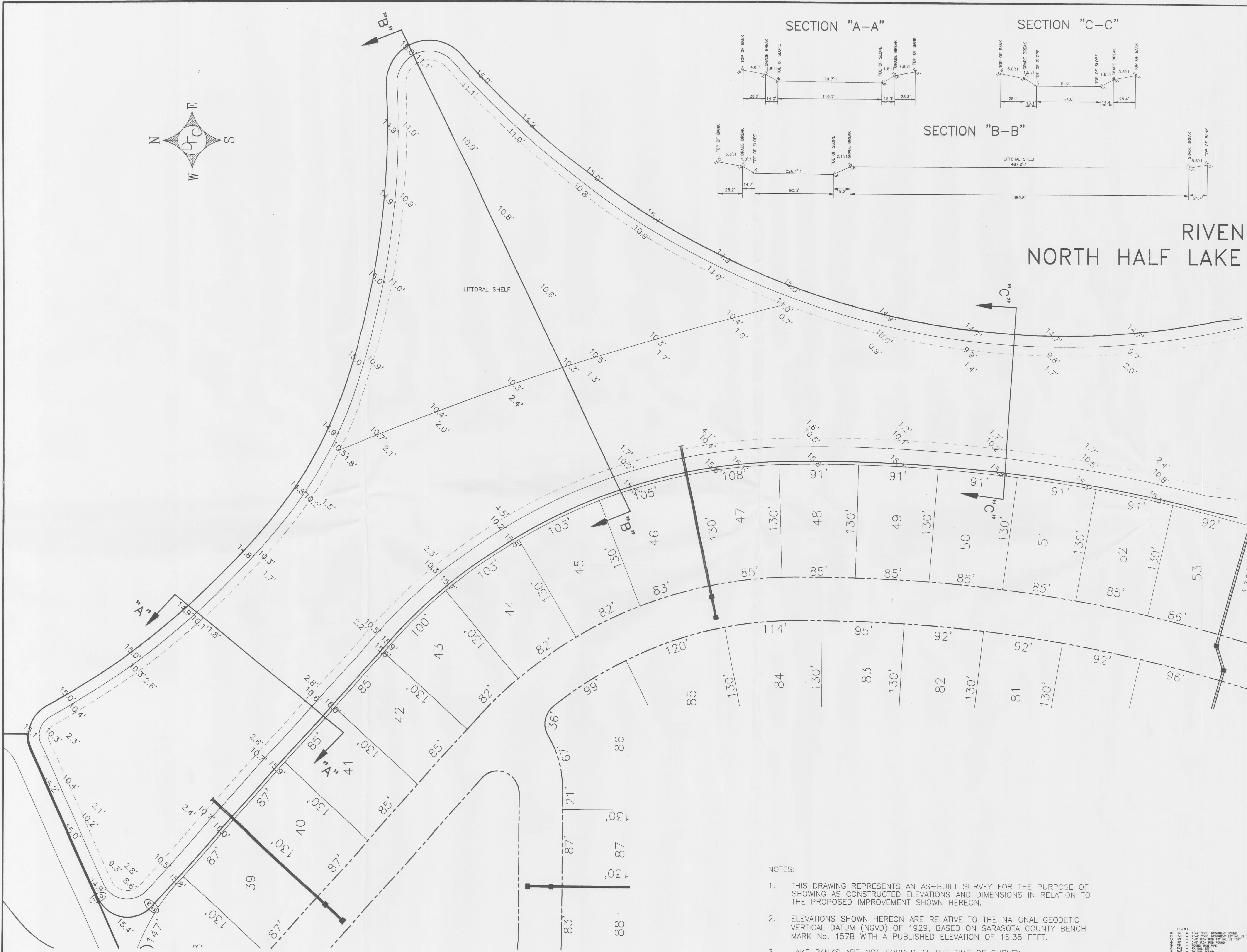
SECTION "C-C"



SECTION "B-B"



RIVENDELL 3  
NORTH HALF LAKE 2102A AS-BUILT



NOTES:

1. THIS DRAWING REPRESENTS AN AS-BUILT SURVEY FOR THE PURPOSE OF SHOWING AS CONSTRUCTED ELEVATIONS AND DIMENSIONS IN RELATION TO THE PROPOSED IMPROVEMENT SHOWN HEREON.
2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK No. 157B WITH A PUBLISHED ELEVATION OF 16.38 FEET.
3. LAKE BANKS ARE NOT SODDED AT THE TIME OF SURVEY, EXCEPT AS SHOWN.

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYS IN THE STATE OF FLORIDA. (CHAPTER 81017-6 F.A.C.)

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL INKED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY 01/20/99

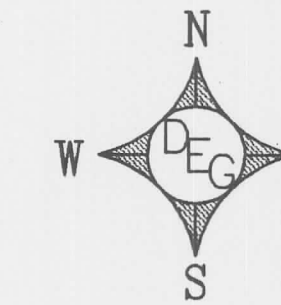
*Darrell E. Gerken*  
DARRELL E. GERKEN, REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 1747

CERTIFIED TO:			
RIVENDELL JOINT VENTURE			
SCALE: 1"=50'	JOB NUMBER: 97-09-02S	STATE OF FLORIDA	DRAWN BY: BRY
DATE: 02/18/99			
DARRELL E. GERKEN PSM, INC. PROFESSIONAL SURVEYORS & MAPPERS		FIELD BOOK/PAGE: 160 / 66	
5730A JASON LEE PLACE SARASOTA, FLORIDA 34233 (941) 924-7465 (941) 922-3846 (FAX)		REVISIONS: ADDITIONAL TOPO 04/16/99	

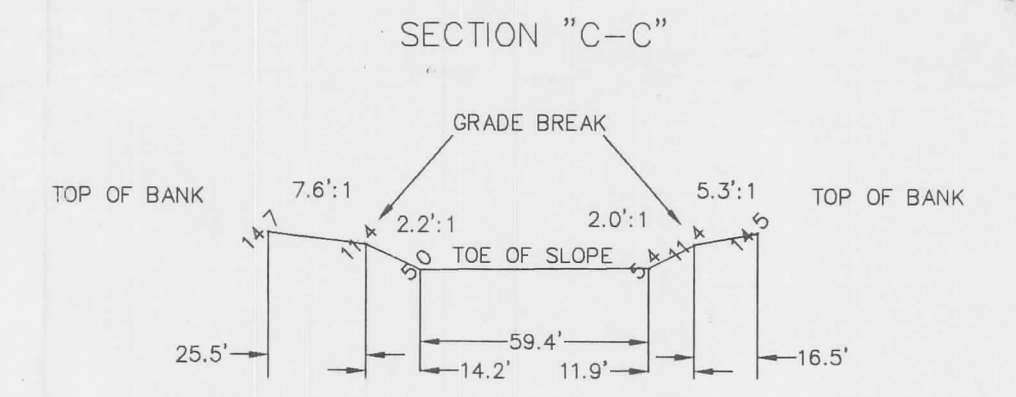
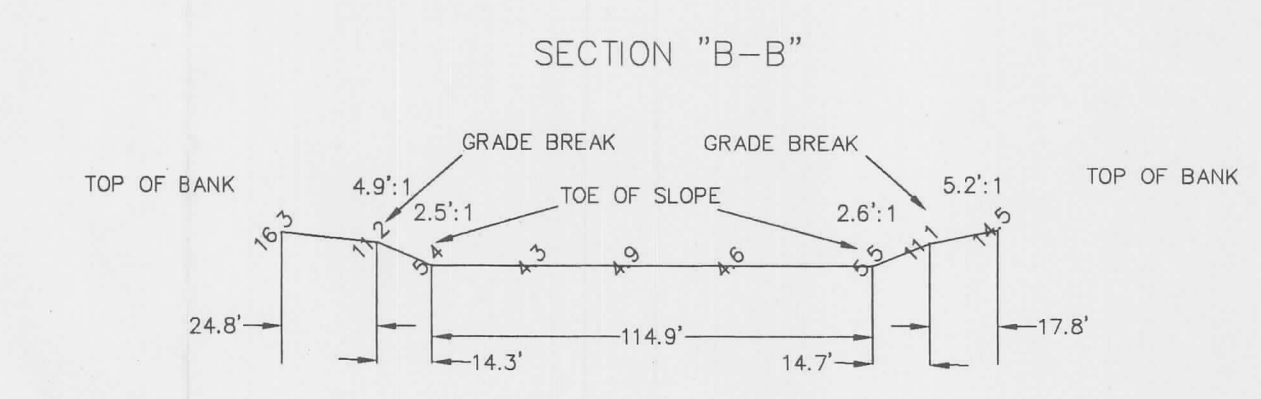
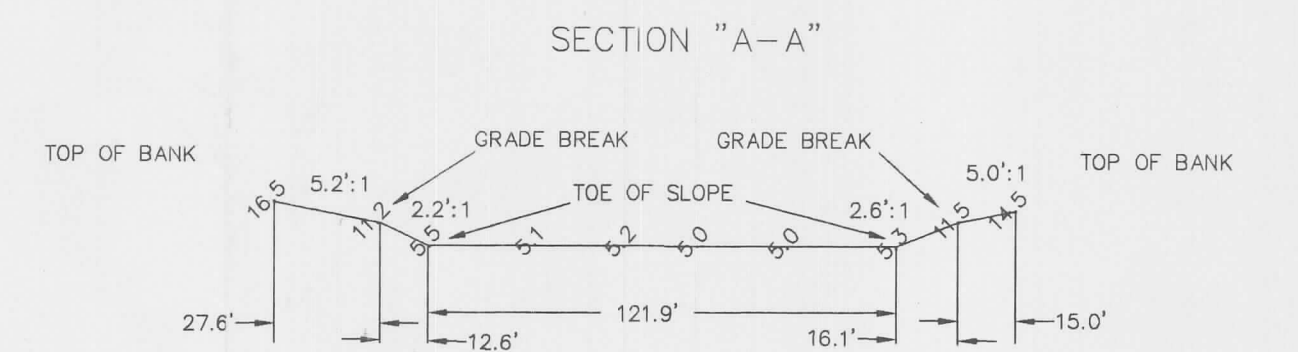
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  - 744" CONC. MONUMENT FOUND
  - 748" CONC. MONUMENT FOUND
  - 752" CONC. MONUMENT FOUND
  - 756" CONC. MONUMENT FOUND
  - 760" CONC. MONUMENT FOUND
  - 764" CONC. MONUMENT FOUND
  - 768" CONC. MONUMENT FOUND
  - 772" CONC. MONUMENT FOUND
  - 776" CONC. MONUMENT FOUND
  - 780" CONC. MONUMENT FOUND
  - 784" CONC. MONUMENT FOUND
  - 788" CONC. MONUMENT FOUND
  - 792" CONC. MONUMENT FOUND
  - 796" CONC. MONUMENT FOUND
  - 800" CONC. MONUMENT FOUND
  - 804" CONC. MONUMENT FOUND
  - 808" CONC. MONUMENT FOUND
  - 812" CONC. MONUMENT FOUND
  - 816" CONC. MONUMENT FOUND
  - 820" CONC. MONUMENT FOUND
  - 824" CONC. MONUMENT FOUND
  - 828" CONC. MONUMENT FOUND
  - 832" CONC. MONUMENT FOUND
  - 836" CONC. MONUMENT FOUND
  - 840" CONC. MONUMENT FOUND
  - 844" CONC. MONUMENT FOUND
  - 848" CONC. MONUMENT FOUND
  - 852" CONC. MONUMENT FOUND
  - 856" CONC. MONUMENT FOUND
  - 860" CONC. MONUMENT FOUND
  - 864" CONC. MONUMENT FOUND
  - 868" CONC. MONUMENT FOUND
  - 872" CONC. MONUMENT FOUND
  - 876" CONC. MONUMENT FOUND
  - 880" CONC. MONUMENT FOUND
  - 884" CONC. MONUMENT FOUND
  - 888" CONC. MONUMENT FOUND
  - 892" CONC. MONUMENT FOUND
  - 896" CONC. MONUMENT FOUND
  - 900" CONC. MONUMENT FOUND
  - 904" CONC. MONUMENT FOUND
  - 908" CONC. MONUMENT FOUND
  - 912" CONC. MONUMENT FOUND
  - 916" CONC. MONUMENT FOUND
  - 920" CONC. MONUMENT FOUND
  - 924" CONC. MONUMENT FOUND
  - 928" CONC. MONUMENT FOUND
  - 932" CONC. MONUMENT FOUND
  - 936" CONC. MONUMENT FOUND
  - 940" CONC. MONUMENT FOUND
  - 944" CONC. MONUMENT FOUND
  - 948" CONC. MONUMENT FOUND
  - 952" CONC. MONUMENT FOUND
  - 956" CONC. MONUMENT FOUND
  - 960" CONC. MONUMENT FOUND
  - 964" CONC. MONUMENT FOUND
  - 968" CONC. MONUMENT FOUND
  - 972" CONC. MONUMENT FOUND
  - 976" CONC. MONUMENT FOUND
  - 980" CONC. MONUMENT FOUND
  - 984" CONC. MONUMENT FOUND
  - 988" CONC. MONUMENT FOUND
  - 992" CONC. MONUMENT FOUND
  - 996" CONC. MONUMENT FOUND
  - 1000" CONC. MONUMENT FOUND

4410445.04





# RIVENDELL 2 LAKE 2102B AS-BUILT



NOTES:

1. THIS DRAWING REPRESENTS AN AS-BUILT SURVEY FOR THE PURPOSE OF SHOWING AS CONSTRUCTED ELEVATIONS AND DIMENSIONS IN RELATION TO THE PROPOSED IMPROVEMENT SHOWN HEREON.
2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK NO. 1578 WITH A PUBLISHED ELEVATION OF 16.38 FEET.
3. LAKE BANKS WERE NOT SODDED AS OF 05/16/97 AT THE TIME OF SURVEY. LAKE BANKS WERE SODDED AS OF 05/24/03 AT THE TIME OF SURVEY, EXCEPT AS SHOWN.
4. THE PURPOSE OF THIS AS-BUILT SURVEY IS TO SHOW THE REVISED LIMITS OF THE LAKE TOP OF BANK AS LOCATED ON 05/24/03. THE REMAINDER OF THE AS-BUILT INFORMATION SHOWN REFLECTS THE FIELD CONDITIONS AS OF THE DATE OF SURVEY, 05/16/97, AND HAS NOT BEEN VERIFIED.

LEGEND

1"	CONC. MONUMENT FOUND
2"	WOOD MONUMENT
3"	IRON MONUMENT
4"	CONC. MONUMENT
5"	WOOD MONUMENT
6"	IRON MONUMENT
7"	CONC. MONUMENT
8"	WOOD MONUMENT
9"	IRON MONUMENT
10"	CONC. MONUMENT
11"	WOOD MONUMENT
12"	IRON MONUMENT
13"	CONC. MONUMENT
14"	WOOD MONUMENT
15"	IRON MONUMENT
16"	CONC. MONUMENT
17"	WOOD MONUMENT
18"	IRON MONUMENT
19"	CONC. MONUMENT
20"	WOOD MONUMENT
21"	IRON MONUMENT
22"	CONC. MONUMENT
23"	WOOD MONUMENT
24"	IRON MONUMENT
25"	CONC. MONUMENT
26"	WOOD MONUMENT
27"	IRON MONUMENT
28"	CONC. MONUMENT
29"	WOOD MONUMENT
30"	IRON MONUMENT
31"	CONC. MONUMENT
32"	WOOD MONUMENT
33"	IRON MONUMENT
34"	CONC. MONUMENT
35"	WOOD MONUMENT
36"	IRON MONUMENT
37"	CONC. MONUMENT
38"	WOOD MONUMENT
39"	IRON MONUMENT
40"	CONC. MONUMENT
41"	WOOD MONUMENT
42"	IRON MONUMENT
43"	CONC. MONUMENT
44"	WOOD MONUMENT
45"	IRON MONUMENT
46"	CONC. MONUMENT
47"	WOOD MONUMENT
48"	IRON MONUMENT
49"	CONC. MONUMENT
50"	WOOD MONUMENT
51"	IRON MONUMENT
52"	CONC. MONUMENT
53"	WOOD MONUMENT
54"	IRON MONUMENT
55"	CONC. MONUMENT
56"	WOOD MONUMENT
57"	IRON MONUMENT
58"	CONC. MONUMENT
59"	WOOD MONUMENT
60"	IRON MONUMENT
61"	CONC. MONUMENT
62"	WOOD MONUMENT
63"	IRON MONUMENT
64"	CONC. MONUMENT
65"	WOOD MONUMENT
66"	IRON MONUMENT
67"	CONC. MONUMENT
68"	WOOD MONUMENT
69"	IRON MONUMENT
70"	CONC. MONUMENT
71"	WOOD MONUMENT
72"	IRON MONUMENT
73"	CONC. MONUMENT
74"	WOOD MONUMENT
75"	IRON MONUMENT
76"	CONC. MONUMENT
77"	WOOD MONUMENT
78"	IRON MONUMENT
79"	CONC. MONUMENT
80"	WOOD MONUMENT
81"	IRON MONUMENT
82"	CONC. MONUMENT
83"	WOOD MONUMENT
84"	IRON MONUMENT
85"	CONC. MONUMENT
86"	WOOD MONUMENT
87"	IRON MONUMENT
88"	CONC. MONUMENT
89"	WOOD MONUMENT
90"	IRON MONUMENT
91"	CONC. MONUMENT
92"	WOOD MONUMENT
93"	IRON MONUMENT
94"	CONC. MONUMENT
95"	WOOD MONUMENT
96"	IRON MONUMENT
97"	CONC. MONUMENT
98"	WOOD MONUMENT
99"	IRON MONUMENT
100"	CONC. MONUMENT
101"	WOOD MONUMENT
102"	IRON MONUMENT
103"	CONC. MONUMENT
104"	WOOD MONUMENT
105"	IRON MONUMENT
106"	CONC. MONUMENT
107"	WOOD MONUMENT
108"	IRON MONUMENT
109"	CONC. MONUMENT
110"	WOOD MONUMENT
111"	IRON MONUMENT
112"	CONC. MONUMENT
113"	WOOD MONUMENT
114"	IRON MONUMENT
115"	CONC. MONUMENT
116"	WOOD MONUMENT
117"	IRON MONUMENT
118"	CONC. MONUMENT
119"	WOOD MONUMENT
120"	IRON MONUMENT
121"	CONC. MONUMENT
122"	WOOD MONUMENT
123"	IRON MONUMENT
124"	CONC. MONUMENT
125"	WOOD MONUMENT
126"	IRON MONUMENT
127"	CONC. MONUMENT
128"	WOOD MONUMENT
129"	IRON MONUMENT
130"	CONC. MONUMENT
131"	WOOD MONUMENT
132"	IRON MONUMENT
133"	CONC. MONUMENT
134"	WOOD MONUMENT
135"	IRON MONUMENT
136"	CONC. MONUMENT
137"	WOOD MONUMENT
138"	IRON MONUMENT
139"	CONC. MONUMENT
140"	WOOD MONUMENT
141"	IRON MONUMENT
142"	CONC. MONUMENT
143"	WOOD MONUMENT
144"	IRON MONUMENT
145"	CONC. MONUMENT
146"	WOOD MONUMENT
147"	IRON MONUMENT
148"	CONC. MONUMENT
149"	WOOD MONUMENT
150"	IRON MONUMENT

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYS IN THE STATE OF FLORIDA (CHAPTER 81017-6 F.A.C.).

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL PANDA SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY: 5/16/97

WILLIAM J. McAlister  
REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 4533

CERTIFIED TO: KIMLEY-HORN AND ASSOCIATES

SCALE: 1" = 50' | JOB NUMBER: 96-03-02-S | DRAWN BY: JMB/RRG

DATE: 6/19/97

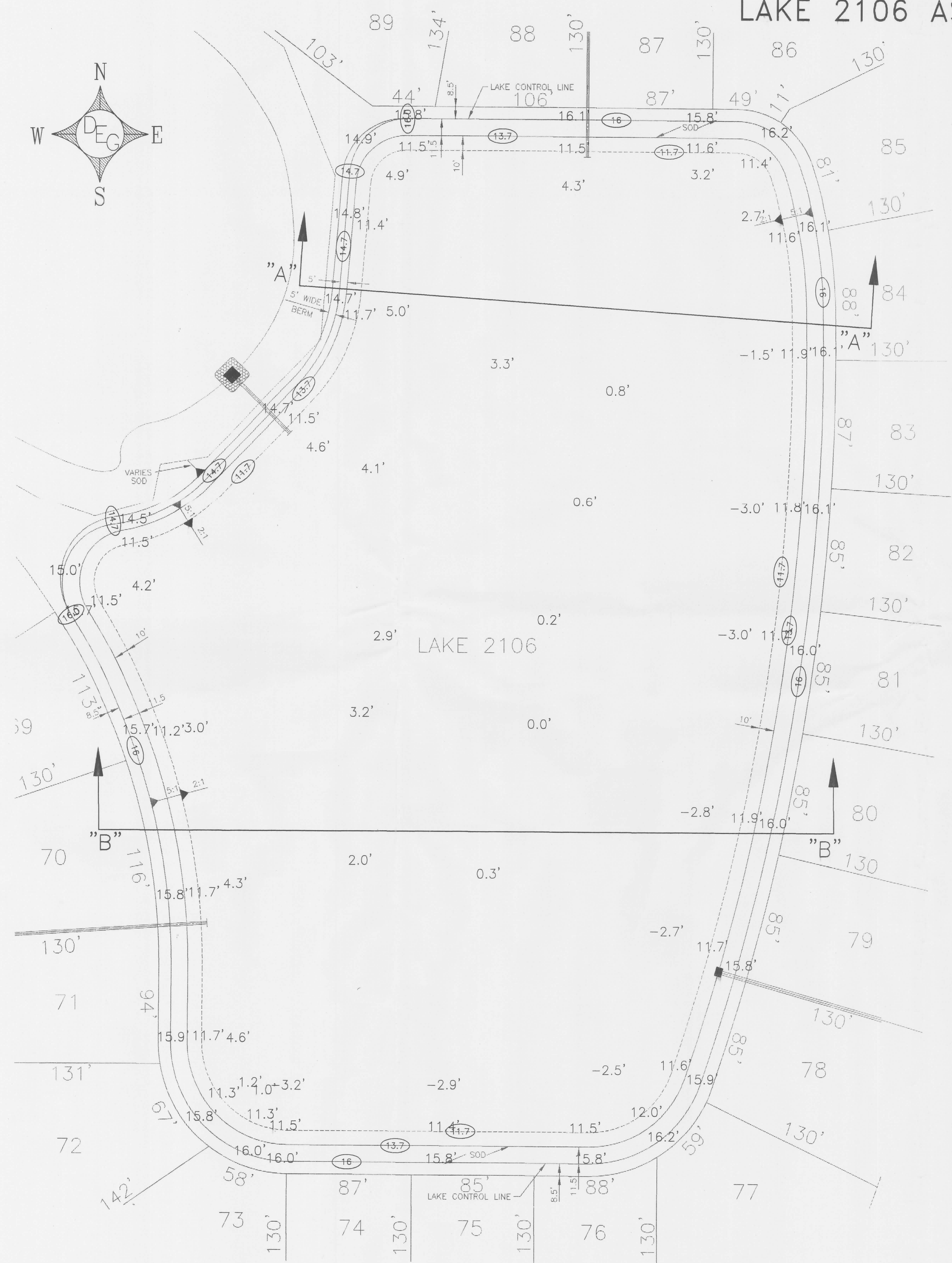
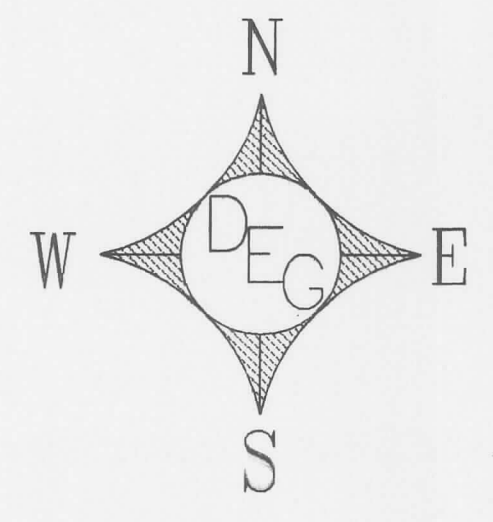
**DARRELL E. GERKEN PSM, INC.**  
PROFESSIONAL SURVEYORS & MAPPERS

REVISIONS:  
ASBUILT LAKE TOP OF BANK 06/07/97  
ASBUILT LAKE TOP OF BANK 05/24/03  
ASBUILT LAKE/WETLAND BERM 10/31/03

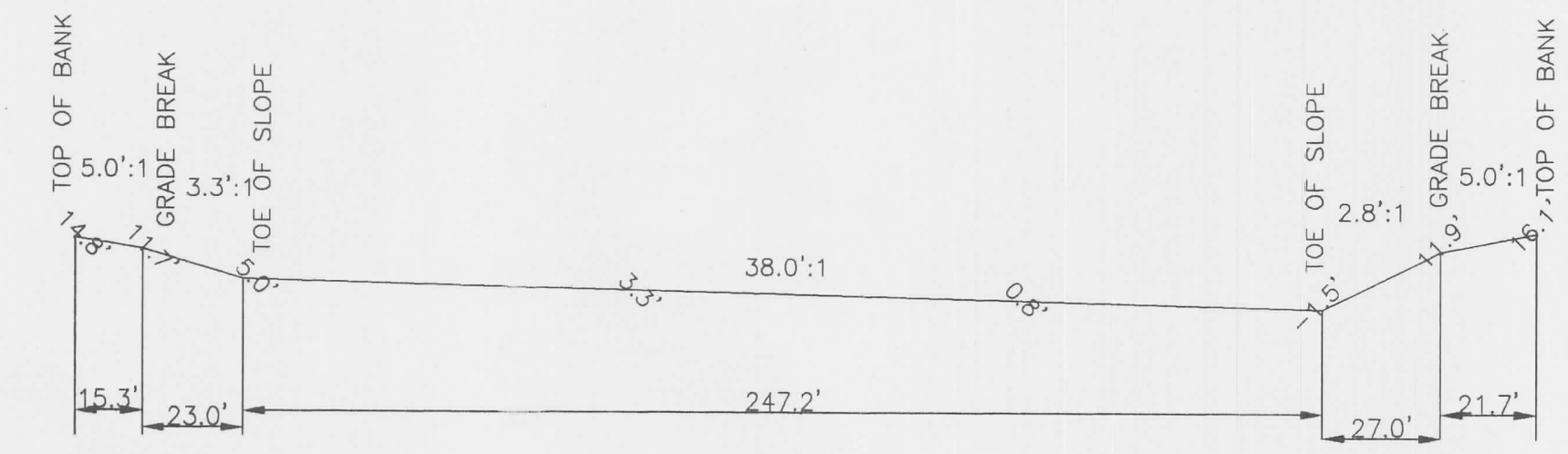
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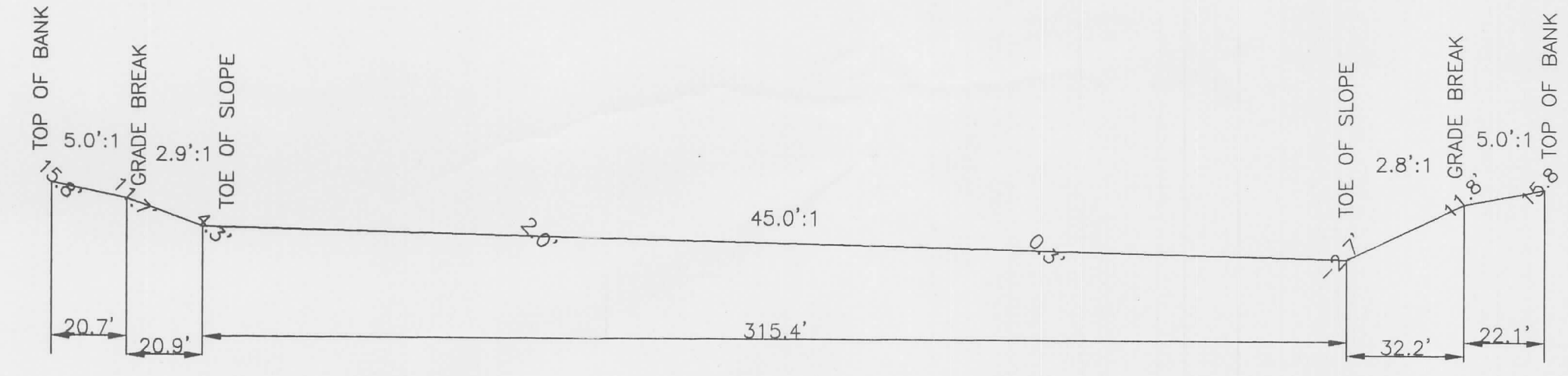
# RIVENDELL 3 LAKE 2106 AS-BUILT



SECTION "A-A"



SECTION "B-B"



2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK No. 157B WITH A PUBLISHED ELEVATION OF 16.38 FEET.
3. LAKE BANKS ARE NOT SODDED AT THE TIME OF SURVEY, EXCEPT AS SHOWN.

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY PERSONAL SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 8531 PART 2, F.S.).

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

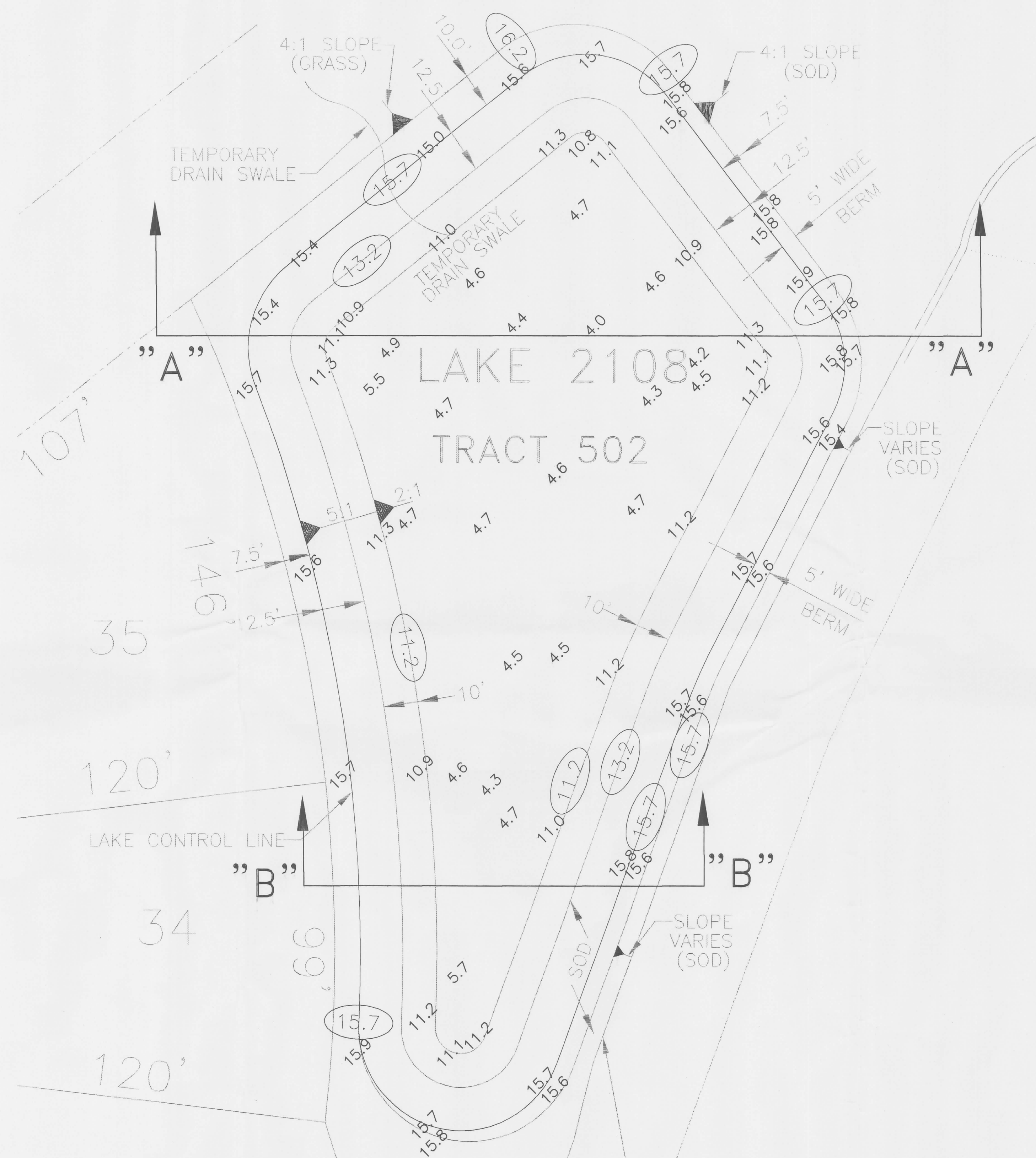
DATE OF SURVEY: 01/20/99

*Willis D. McAllister*  
WILLIS D. McALLISTER, REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 5281

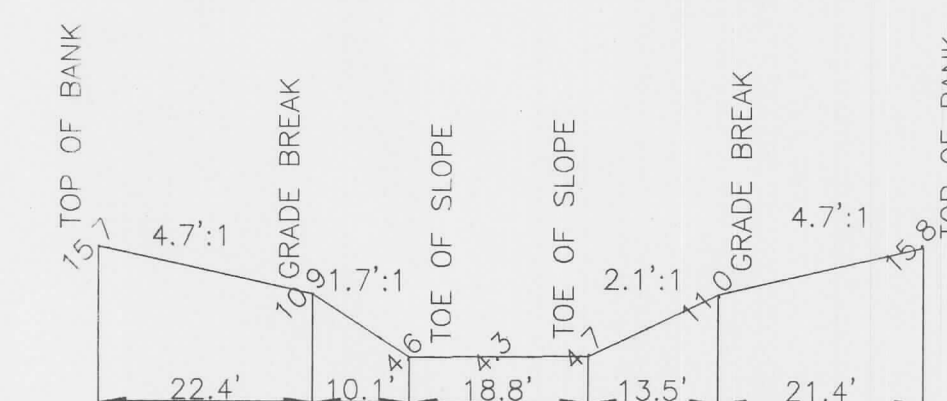
CERTIFIED TO: <b>RIVENDELL JOINT VENTURE</b>	
SCALE: 1"=40'	JOB NUMBER: <b>97-09-02S</b>
DATE: 02/22/99	DRAWN BY: <i>gpm</i>
<b>DARRELL E. GERKEN PSM, INC.</b> PROFESSIONAL SURVEYORS & MAPPERS CERTIFICATE No. LB 6754 5750A JASON LEE PLACE SARASOTA, FLORIDA 34233 (813) 924-7405 (813) 922-3646 (FAX)	FIELD BOOK/PAGE: 150 / 66  REVISIONS: ADDITIONAL TOPO 04/16/99 TURN ON TS 05/14/03

4410445.04

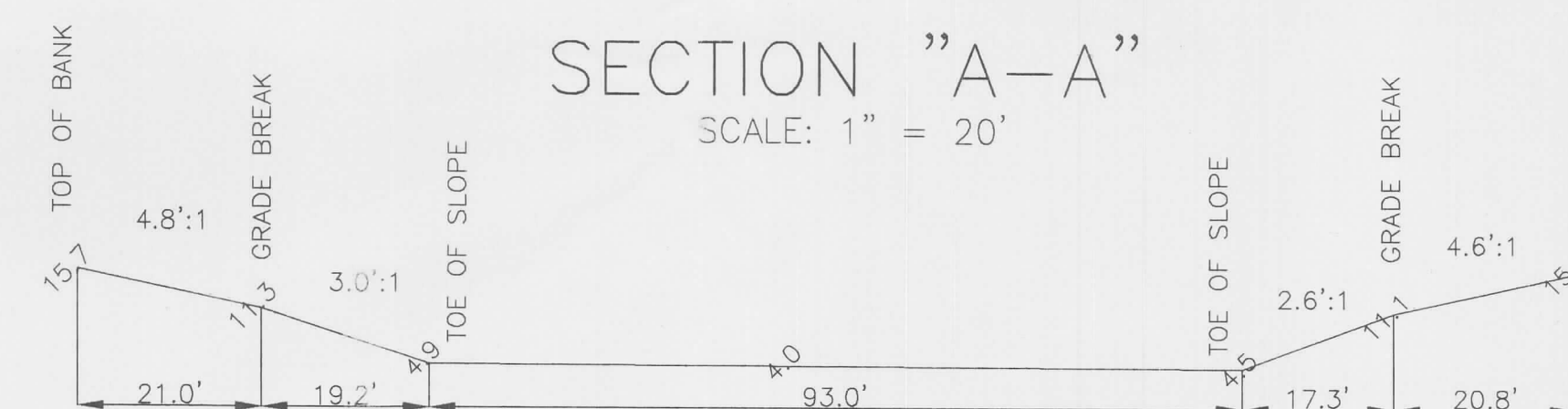




SECTION "B-B"  
SCALE: 1" = 20'



SECTION "A-A"  
SCALE: 1" = 20'



NOTES:

1. THIS DRAWING REPRESENTS AN AS-BUILT SURVEY FOR THE PURPOSE OF SHOWING AS CONSTRUCTED ELEVATIONS AND DIMENSIONS IN RELATION TO THE PROPOSED IMPROVEMENT SHOWN HEREON.
2. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK No. 157B WITH A PUBLISHED ELEVATION OF 16.38 FEET.
3. LAKE BANKS ARE NOT SODDED AT THE TIME OF SURVEY, EXCEPT AS SHOWN.

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 819.17-8, F.A.C.)

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY 03/25/99

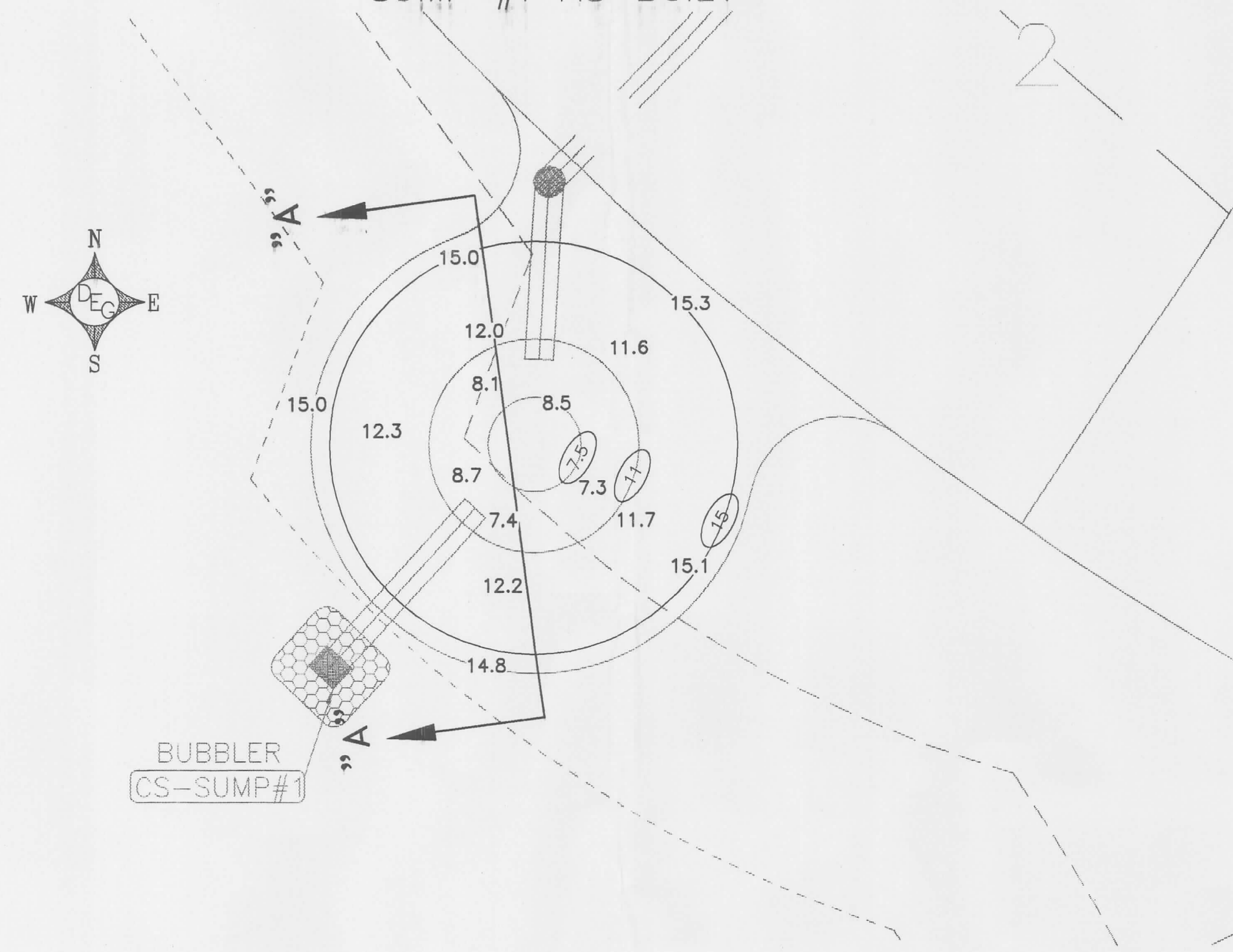
DARRELL E. GERKEN REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. LS 1747

CERTIFIED TO:		RIVENDELL JOINT VENTURE		
SCALE: 1"=20'	JOB NUMBER:	97-09-02S		
DATE: 04/13/99	DRAWN BY: BPY		FIELD BOOK/PAGE: 160 / 66	
<b>DARRELL E. GERKEN P.S.M., INC.</b> PROFESSIONAL SURVEYORS & MAPPERS 5730A JASON LEE PLACE SARASOTA, FLORIDA 34233 (941) 924-7465 (941) 922-3846 (FAX)			REVISIONS: ADDITIONAL TOPO 04/16/99 REVISED 08/13/03 BPY	

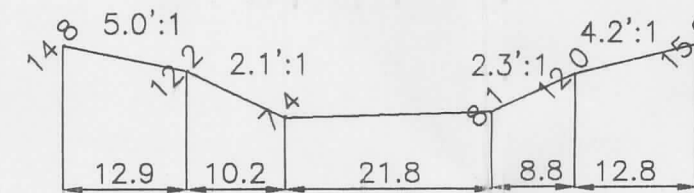
- LEGEND
- CM = 1" X 1" CONCRETE MONUMENT FOUND
  - CM\* = 4" X 4" CONCRETE MONUMENT SET IN PLACE PER 8754
  - IP = 1/2" IRON PIPE SET IN PLACE PER 8754
  - IP\* = 2" IRON PIPE SET IN PLACE PER 8754
  - PP = 1/2" GALVANIZED PIPERIP
  - PP\* = 1/2" GALVANIZED PIPERIP SET IN PLACE
  - PM = 1" X 1" METAL PIPERIP
  - PC = 1" X 1" CONCRETE PIPERIP FOUND
  - PC\* = 1" X 1" CONCRETE PIPERIP SET IN PLACE
  - PC\*\* = 1" X 1" CONCRETE PIPERIP FOUND & SET IN PLACE
  - PM\* = 1" X 1" METAL PIPERIP SET IN PLACE
  - PC\*\* = 1" X 1" CONCRETE PIPERIP FOUND & SET IN PLACE
  - PM\*\* = 1" X 1" METAL PIPERIP SET IN PLACE
  - PC\*\*\* = 1" X 1" CONCRETE PIPERIP FOUND & SET IN PLACE
  - PM\*\*\* = 1" X 1" METAL PIPERIP SET IN PLACE
  - PC\*\*\*\* = 1" X 1" CONCRETE PIPERIP FOUND & SET IN PLACE
  - PM\*\*\*\* = 1" X 1" METAL PIPERIP SET IN PLACE
  - PC\*\*\*\*\* = 1" X 1" CONCRETE PIPERIP FOUND & SET IN PLACE
  - PM\*\*\*\*\* = 1" X 1" METAL PIPERIP SET IN PLACE
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  - PM\*\*\*\*\* = 1" X 1" METAL PIPERIP SET IN PLACE



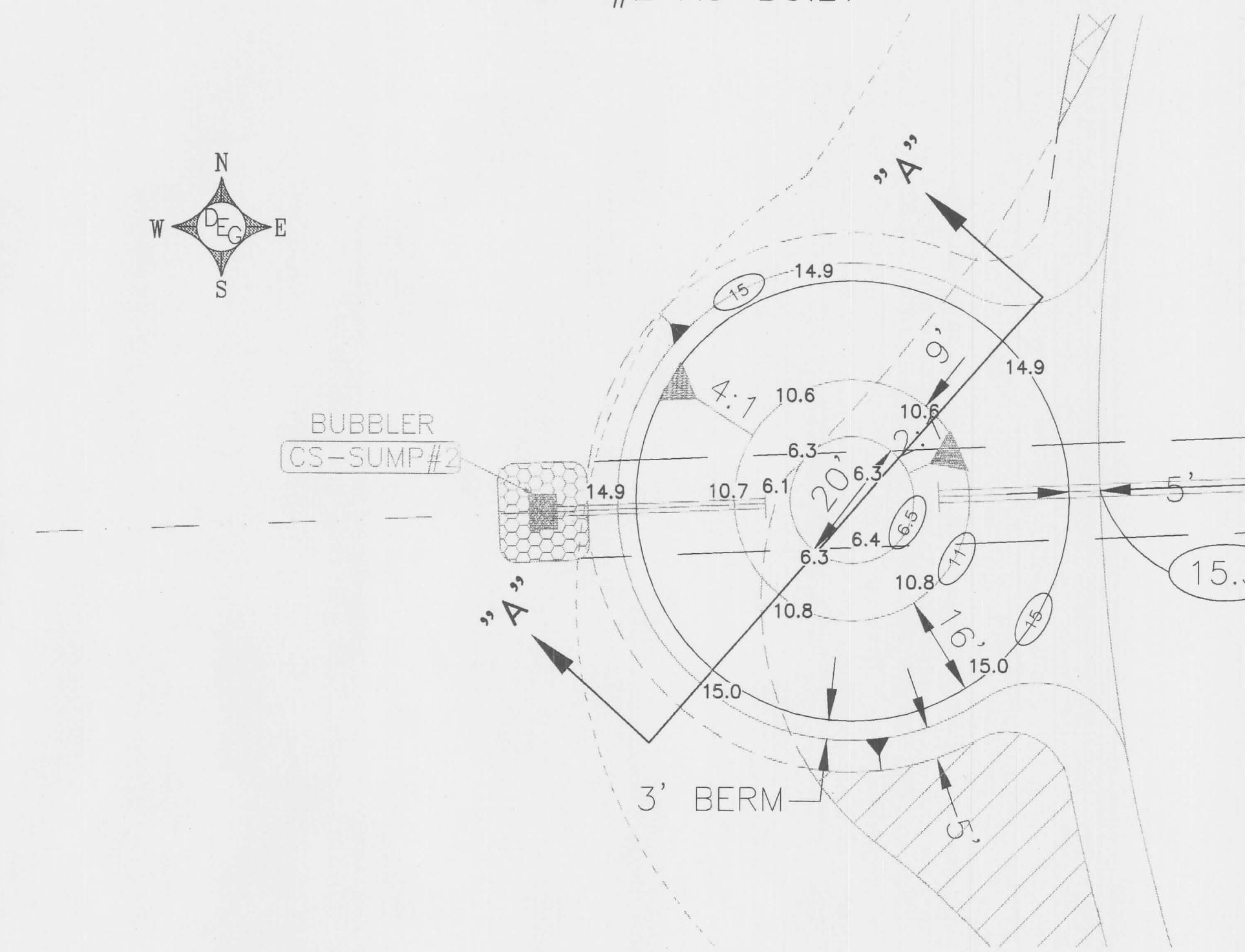
RIVENDELL 3  
SUMP #1 AS-BUILT



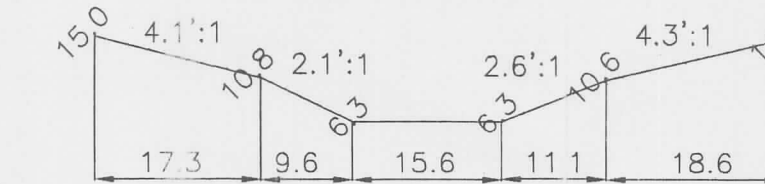
SECTION "A-A"



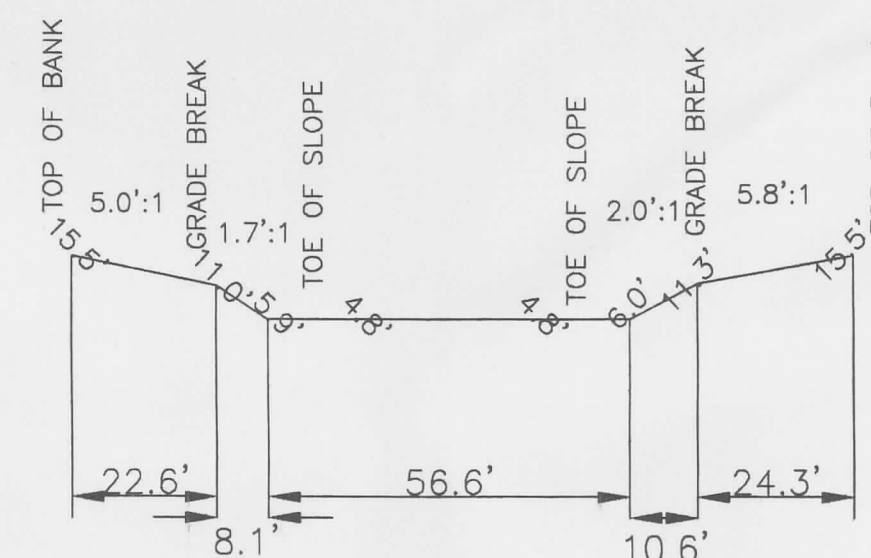
RIVENDELL 3  
SUMP #2 AS-BUILT



SECTION "A-A"



SECTION "A-A"



NOTES:

- THIS DRAWING REPRESENTS AN AS-BUILT SURVEY FOR THE PURPOSE OF SHOWING AS CONSTRUCTED ELEVATIONS AND DIMENSIONS IN RELATION TO THE PROPOSED IMPROVEMENT SHOWN HEREON.
- ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929, BASED ON SARASOTA COUNTY BENCH MARK No. 157B WITH A PUBLISHED ELEVATION OF 16.38 FEET.
- LAKE BANKS ARE NOT SODDED AT THE TIME OF SURVEY, EXCEPT AS SHOWN.

Not Sealed

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 81G17-6 F.A.C.).

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY 01/20/99

*Darrell E. Gerken*  
DARRELL E. GERKEN, REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 13 1147

CERTIFIED TO: RIVENDELL JOINT VENTURE		
SCALE: 1"=30'	JOB NUMBER: 97-09-02S	DRAWN BY: BPY
DATE: 02/22/99		
DARRELL E. GERKEN PSM, INC. PROFESSIONAL SURVEYORS & MAPPERS CERTIFICATE No. 13 6754 5730A JASON LEE PLACE SARASOTA, FLORIDA 34233 (941) 924-7465 (941) 922-3846 (FAX)		FIELD BOOK/PAGE: 150 / 66
REVISIONS: ADDITIONAL TOPO 04/16/99 REVISED 08/13/03 BPY		

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED REGISTERED SURVEYOR AND MAPPER, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 81G17-6 F.A.C.).

NOTE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

DATE OF SURVEY 11/4/98

*Darrell E. Gerken*  
DARRELL E. GERKEN, REGISTERED SURVEYOR & MAPPER  
FLORIDA CERTIFICATE NO. 13 1147

CERTIFIED TO: RIVENDELL JOINT VENTURE		
SCALE: 1"=20'	JOB NUMBER: 97-09-02S	DRAWN BY: BPY
DATE: 3/1/99		
DARRELL E. GERKEN PSM, INC. PROFESSIONAL SURVEYORS & MAPPERS CERTIFICATE No. 13 6754 5730A JASON LEE PLACE SARASOTA, FLORIDA 34233 (941) 924-7465 (941) 922-3846 (FAX)		FIELD BOOK/PAGE: 150 / 66
REVISIONS: REVISED 08/13/03 BPY		

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