

GRAPHIC SCALE
 (IN FEET)
 1 inch = 200 ft.

LEGEND
 RIDGE LINE

TIE INTO EXISTING SCHOOL SIDEWALK
 (APPROXIMATE LOCATION SHOWN)

PROPOSED 10' SHARED USE PATH
 (SEE TYPICAL SECTION ON DWG. B-11)

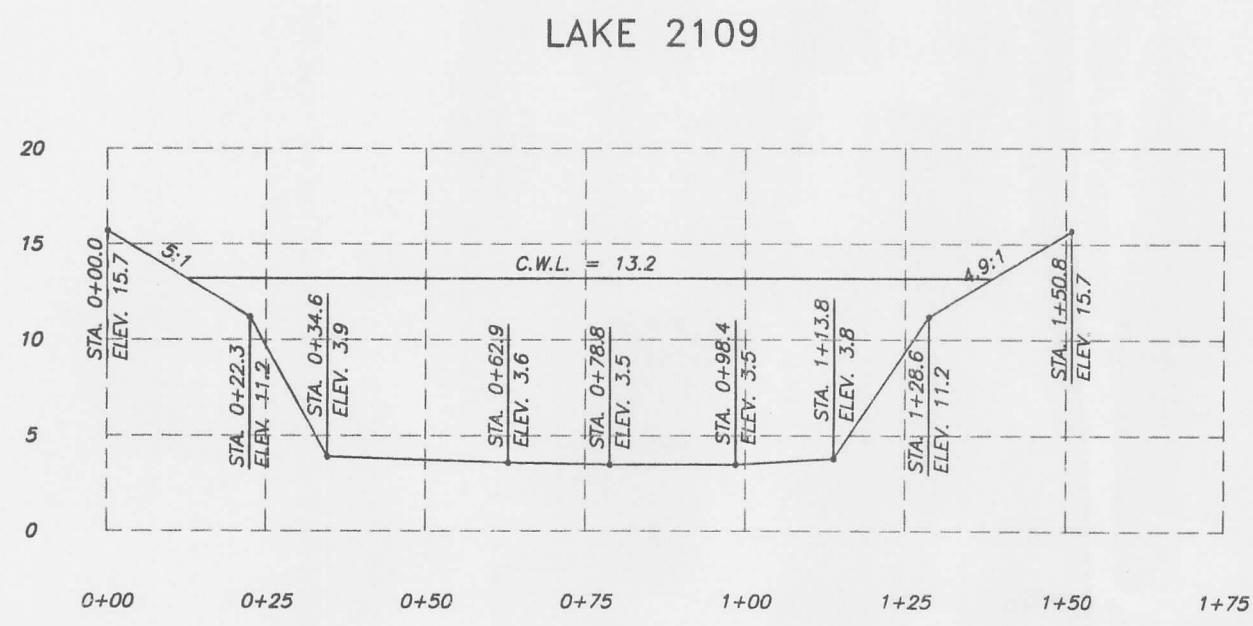
FILE OF RECORD
 PERMIT NO. _____

SEE 02/20/2004
 INSPECTION CONDUCTED BY DISTRICT
 INSPECTION NOT CONDUCTED BY DISTRICT
 RIGHT RESERVED FOR FUTURE INSPECTION



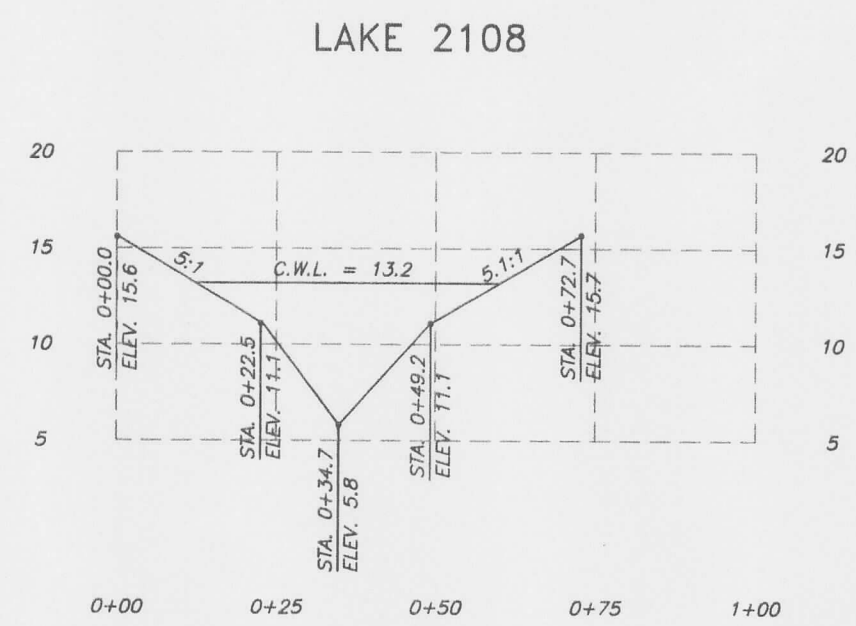
U.S. HOME CORPORATION CONSTRUCTION PLANS RIVENDELL, UNITS 4 & 5 MASTER DRAINAGE PLAN		Project No: 048113.02 Scale: 1" = 200' Date: 3/00	
FOR:	TITLE:	DESC:	DATE:
NO.	REVISION	BY:	DATE:
1	ADDED CONSERVATION HATCH AT SA-18B AND ADDED STREET NAMES	TES	4/17/00
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THOMAS W. STOWALL, P.E. F.L.A. CERT. NO. 43224 DATE: 1/17/04			

A/B 14010445.007



SECTION A - A

SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 10'



SECTION A - A



SCALE = 1" = 30'

LAKE 2108 & 2109 RIVENDELL RECORD DRAWING



SHEET
L-1

CERTIFIED TO:
KIMLEY-HORN & ASSOCIATES

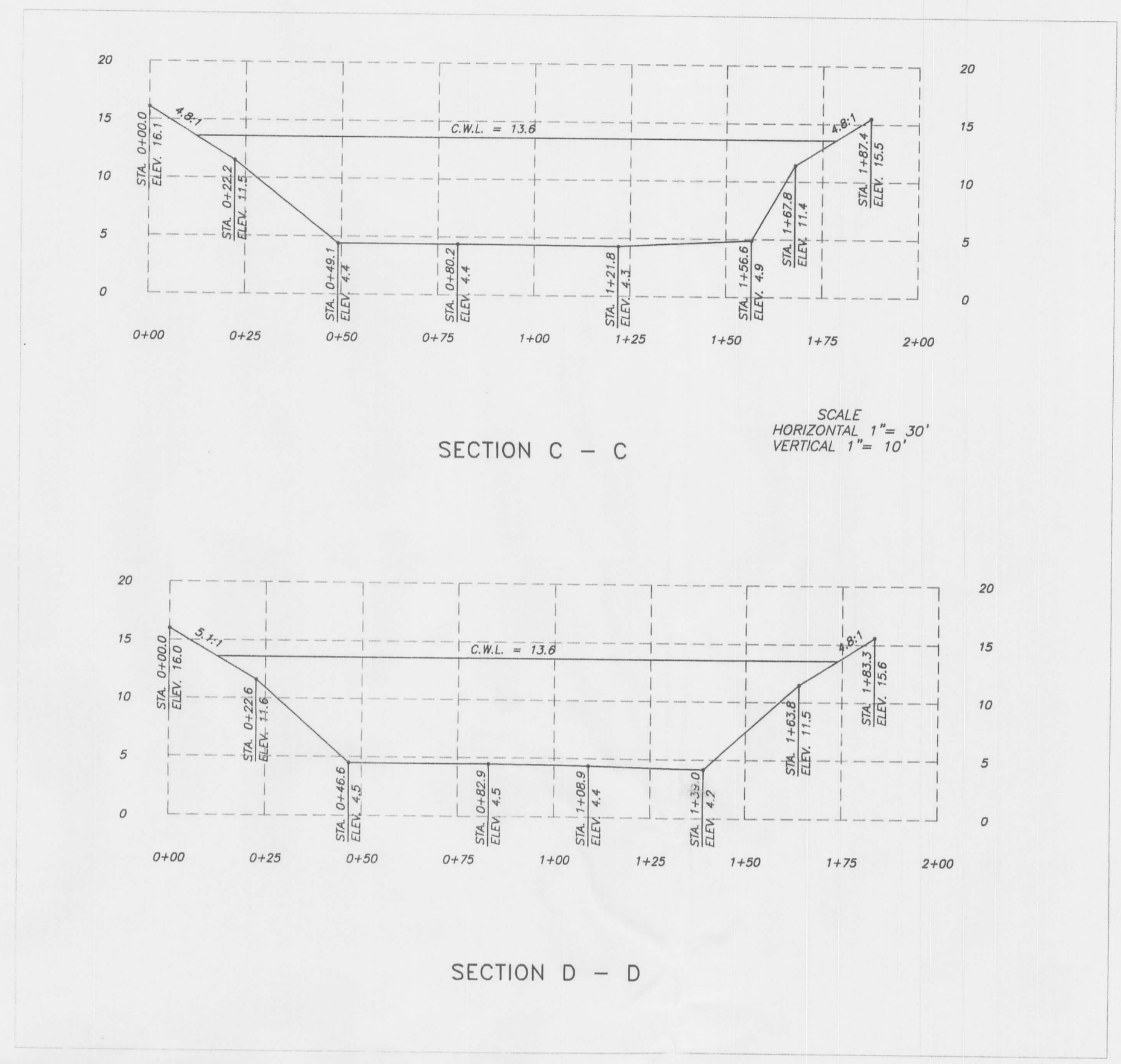
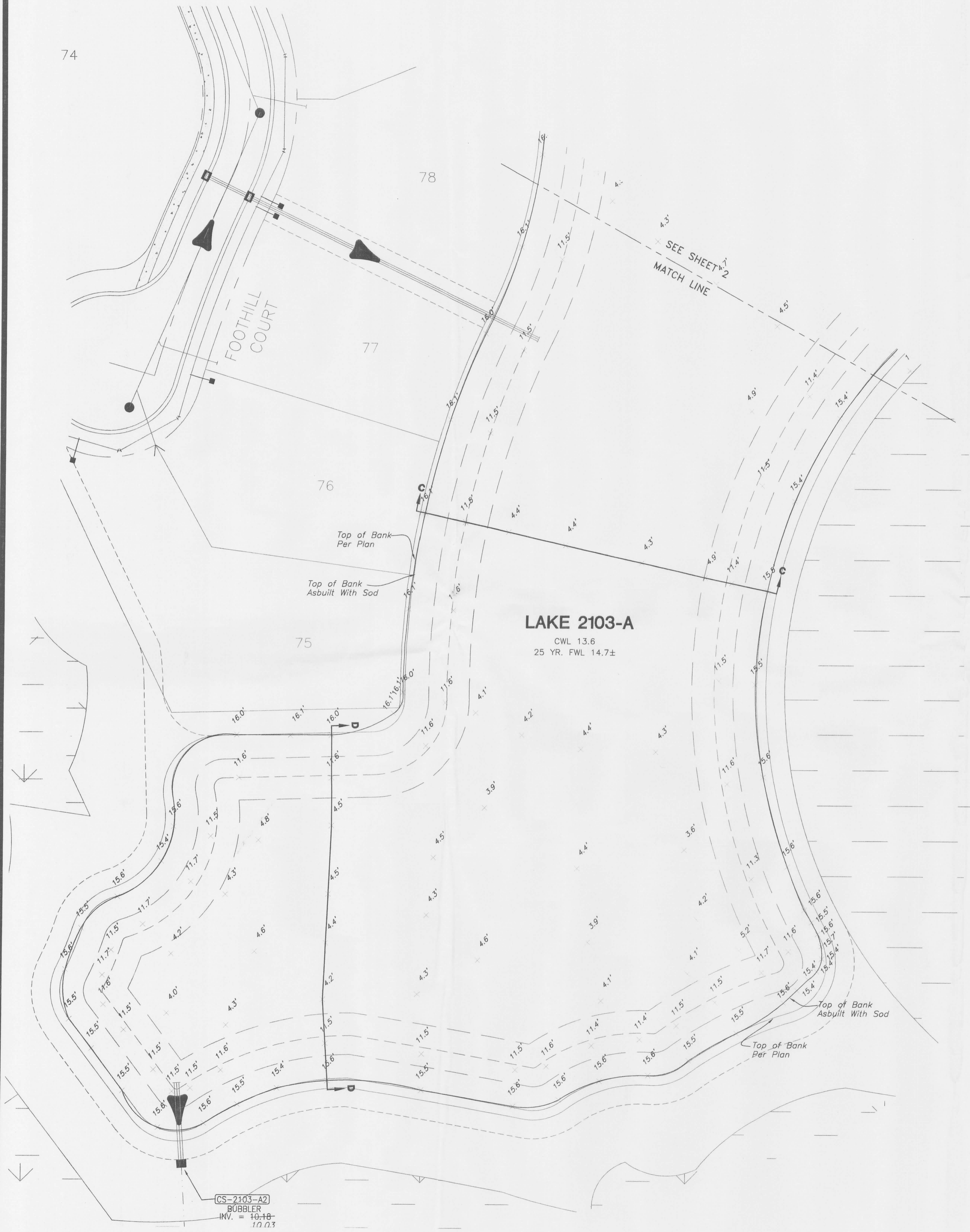
FIELD BOOK: _____ PAGE(S): _____
JOB NUMBER: 00-06-26

CERTIFICATE OF SURVEYOR
I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS AND REQUIREMENTS OF THE STATE OF FLORIDA (CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE) PURSUANT TO SECTION 472.027, FLORIDA STATUTES.
RANDALL E. BRITTS, PROFESSIONAL LAND SURVEYOR, P.L.A. CERT. NO. 1979
NOTE: NOT VALID UNLESS IMPRINTED WITH UNEXPRESSED LAND SURVEYOR'S SEAL.

NOVEMBER 1, 2000
DATE OF SURVEY

BRITT SURVEYING, INC.
LAND SURVEYORS AND MAPPERS
CERTIFICATE OF AUTHORIZATION NO. L.B. 6638
TAMPA, FLORIDA 33622 (941) 493-1396
UNIT 3 SARASOTA, FLORIDA 34240 (941) 377-8654
606 OPRESS AVENUE
6398 DANAGER DRIVE

4410445.07



SCALE = 1" = 30'

LAKE 2103-A RIVENDELL RECORD DRAWING

CERTIFIED TO:
KIMLEY-HORN & ASSOCIATES

FIELD BOOK: _____ PAGE(S): _____
JOB NUMBER: 00-06-26

SHEET
L-4

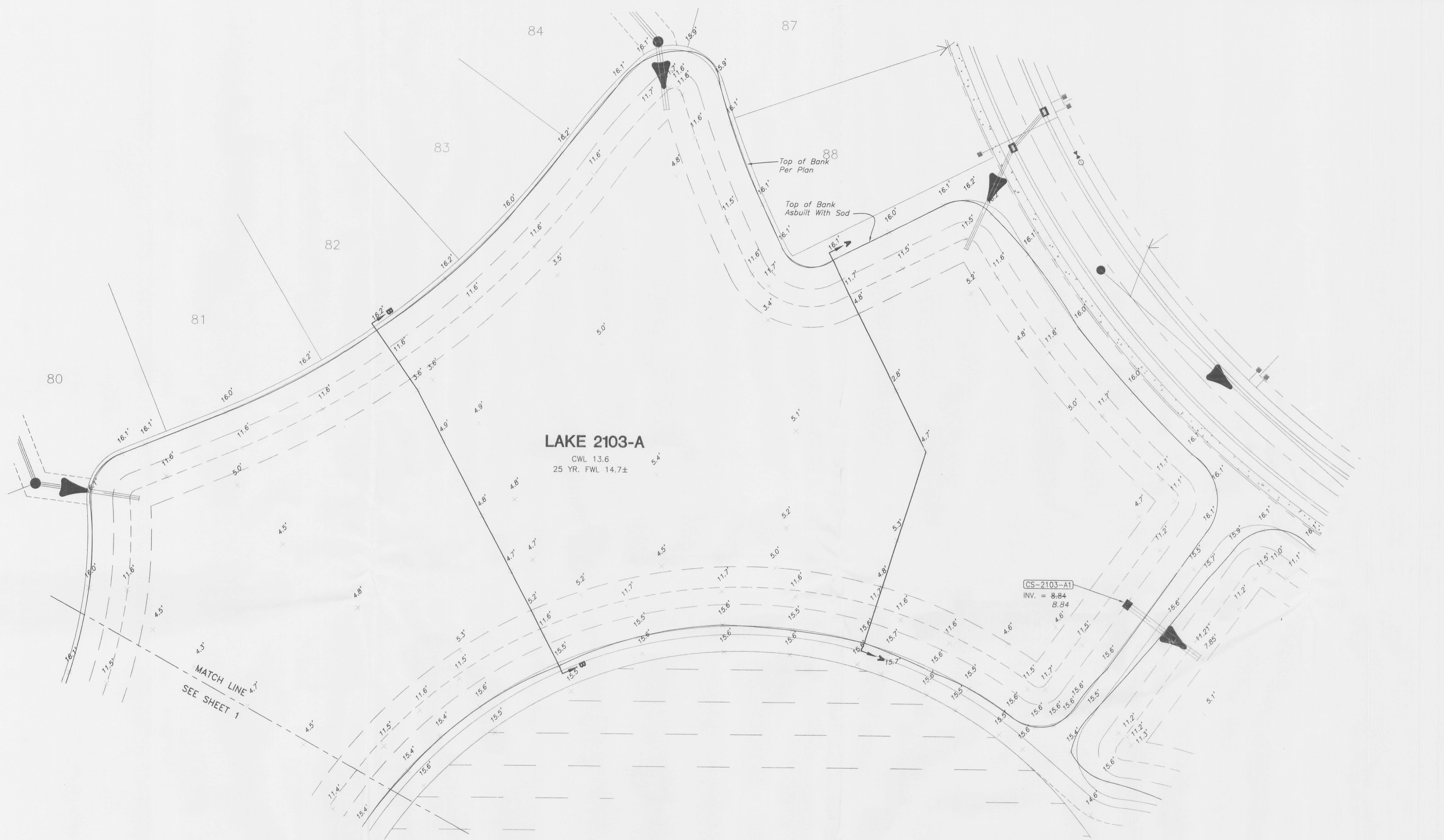


CERTIFICATE OF SURVEYOR
 I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES).

NOVEMBER 1, 2000
 DATE OF SURVEY

RANDALL E. BRITT, PROFESSIONAL LAND SURVEYOR, P.L.A. CERT. NO. 34292
 NOTE: NOT VALID UNLESS ACCOMPANIED BY THE ENCLOSED LAND SURVEYOR'S SEAL.

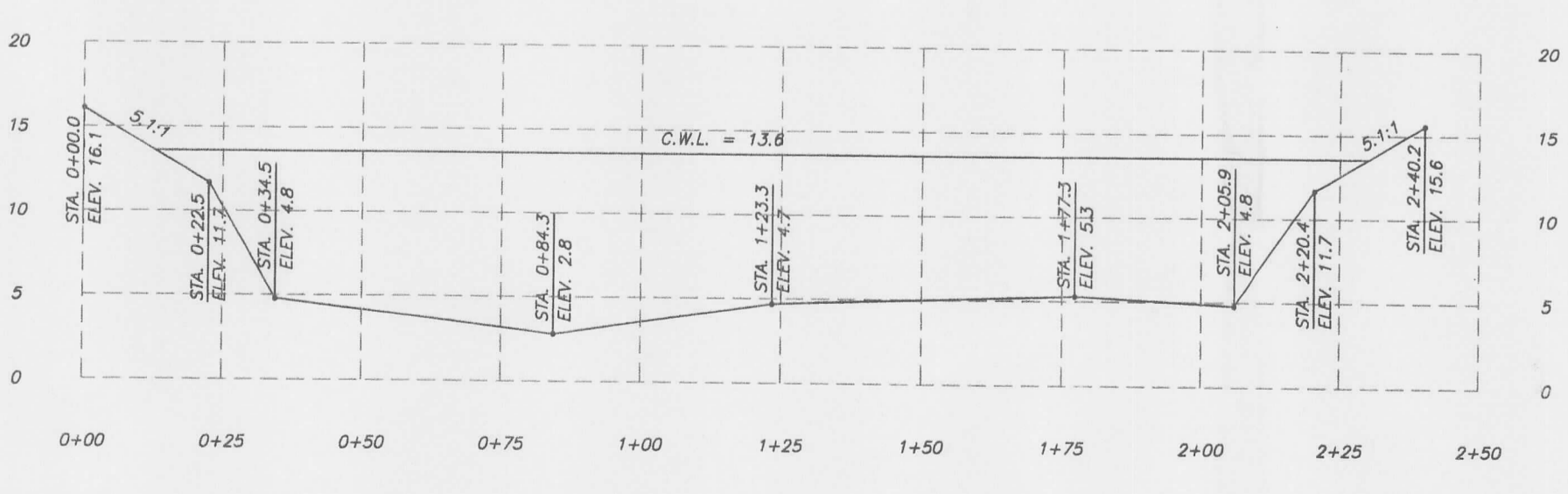
BRITT SURVEYING, INC.
 LAND SURVEYORS AND MAPPERS
 CERTIFICATE OF AUTHORIZATION NO. L.B. 68638
 VENICE, FLORIDA 34292 (941) 481-1396
 SARASOTA, FLORIDA 34240 (941) 377-8454
 606 CYPRESS AVENUE
 6398 DANNER DRIVE
 UNIT 3



SCALE = 1" = 30'

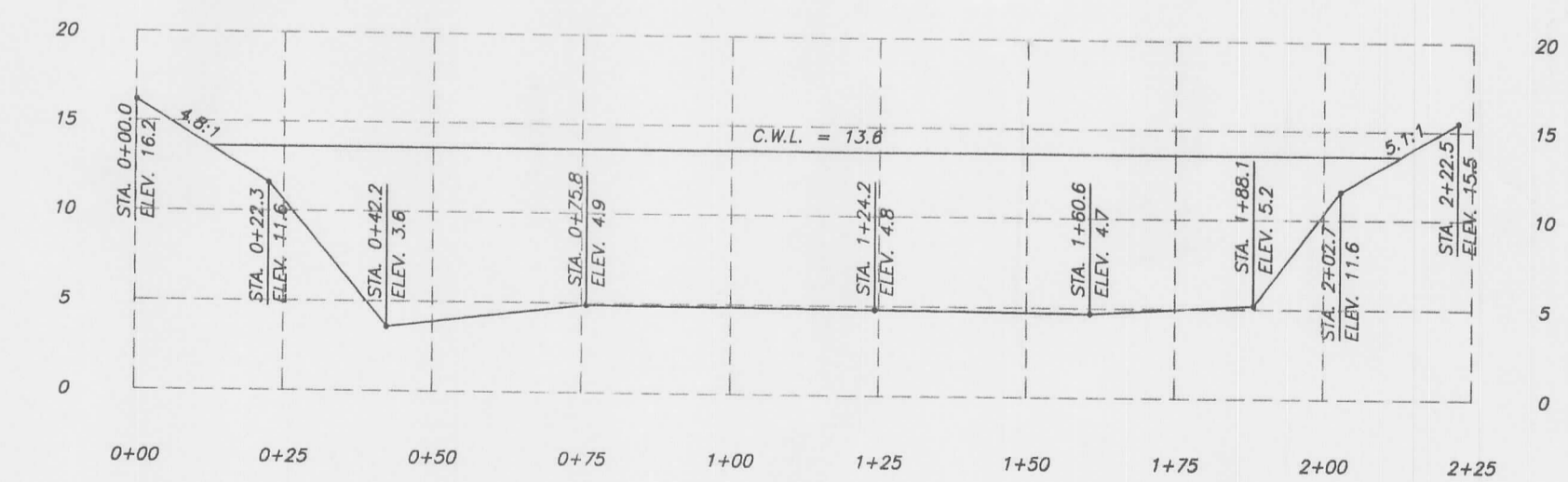
LAKE 2103-A
 CWL 13.6
 25 YR. FWL 14.7±

MATCH LINE A-A
 SEE SHEET 1



SECTION A - A

SCALE
 HORIZONTAL 1" = 30'
 VERTICAL 1" = 10'



SECTION B - B

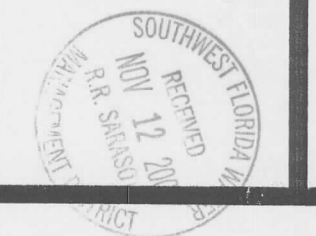
LAKE 2103-A RIVENDELL RECORD DRAWING

CERTIFIED TO:
 KIMLEY-HORN & ASSOCIATES

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 JOB NUMBER: 00-06-26

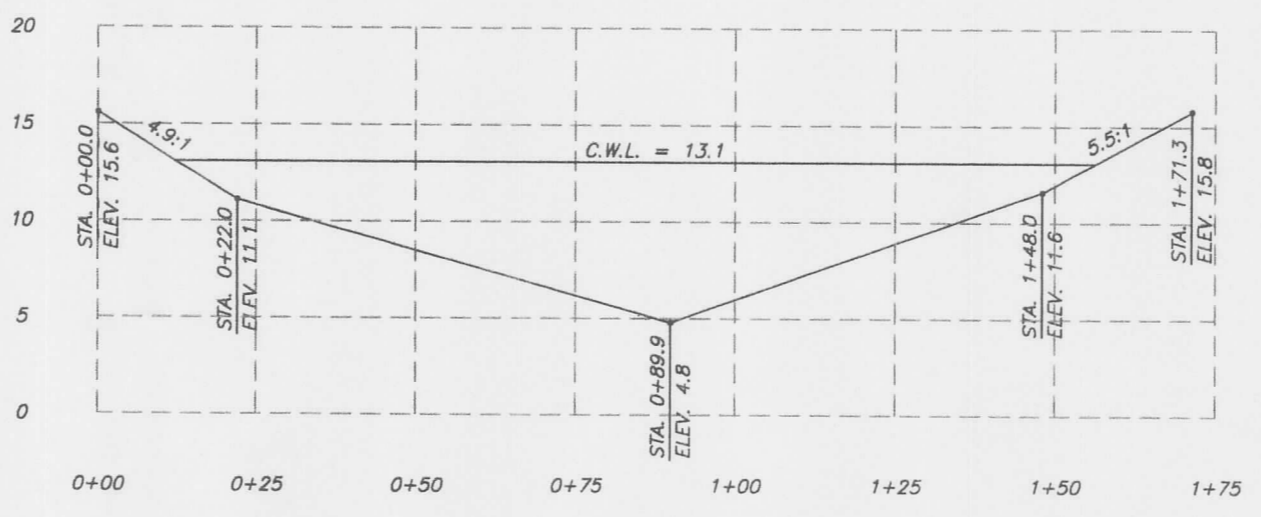
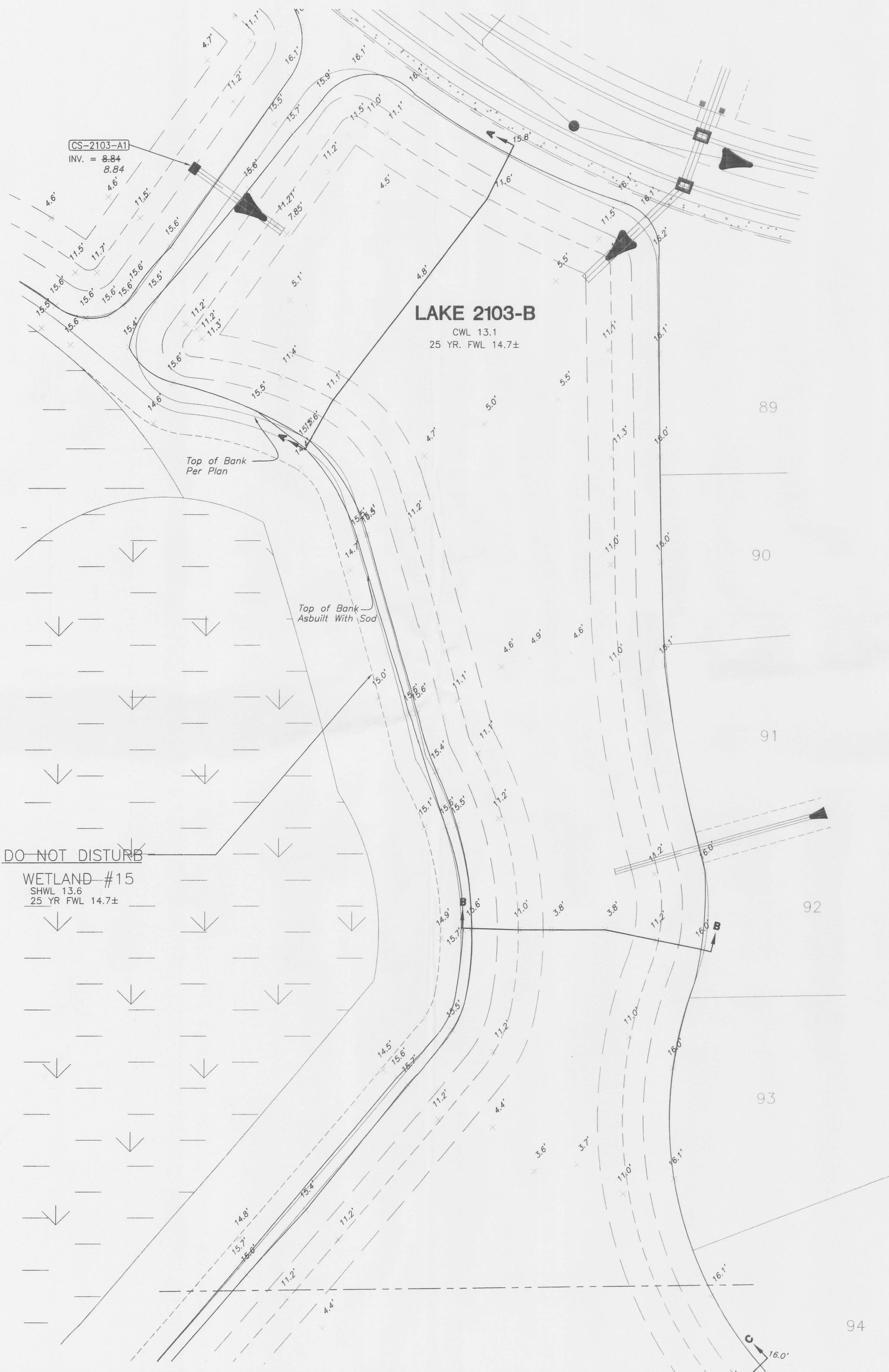
CERTIFICATE OF SURVEYOR
 I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAT IS A TRUE REPRESENTATION OF THE LAND AND SURFACE THEREON AS SHOWN ACCORDING TO A SURVEY MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THE SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE) PURSUANT TO SECTION 472.027, FLORIDA STATUTES.
 DATE OF SURVEY: NOVEMBER 1, 2000
 I, RONALD E. BRITT, PROFESSIONAL LAND SURVEYOR, F.L.A. CERT. NO. 3979
 NOTE: NOT VALID UNLESS IMPRINTED WITH EMBOSSED LAND SURVEYOR'S SEAL.

BRITT SURVEYING, INC.
 LAND SURVEYORS AND MAPPERS
 CERTIFICATE OF AUTHORIZATION NO. L.B. 6638
 FLORIDA
 606 CYPRESS AVENUE UNIT 3 SARASOTA, FLORIDA 34240
 (941) 552-1396
 (941) 577-8434



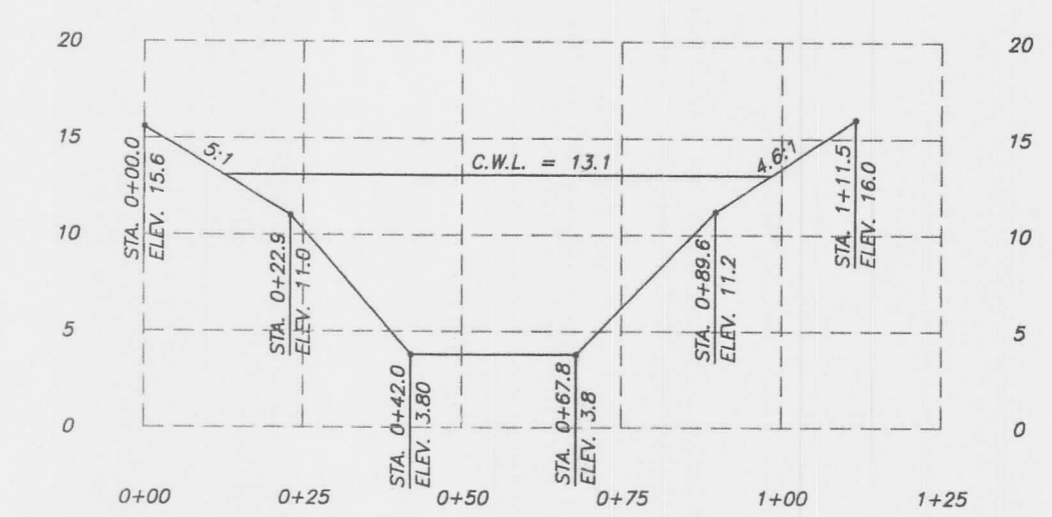
SHEET
L-5

44 10 445.07



SECTION A - A

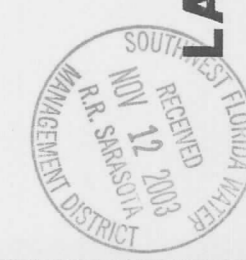
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 10'



SECTION B - B

SCALE = 1" = 30'

LAKE 2103-B RIVENDELL RECORD DRAWING



CERTIFIED TO:
KIMLEY-HORN & ASSOCIATES

FIELD BOOK: _____ PAGE(S): _____
JOB NUMBER: 00-06-26

SHEET
L-6

I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LANDS DESCRIBED AND SHOWN HEREON ACCORDING TO THE SURVEY MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE - PURSUANT TO SECTION 472.027, FLORIDA STATUTES)

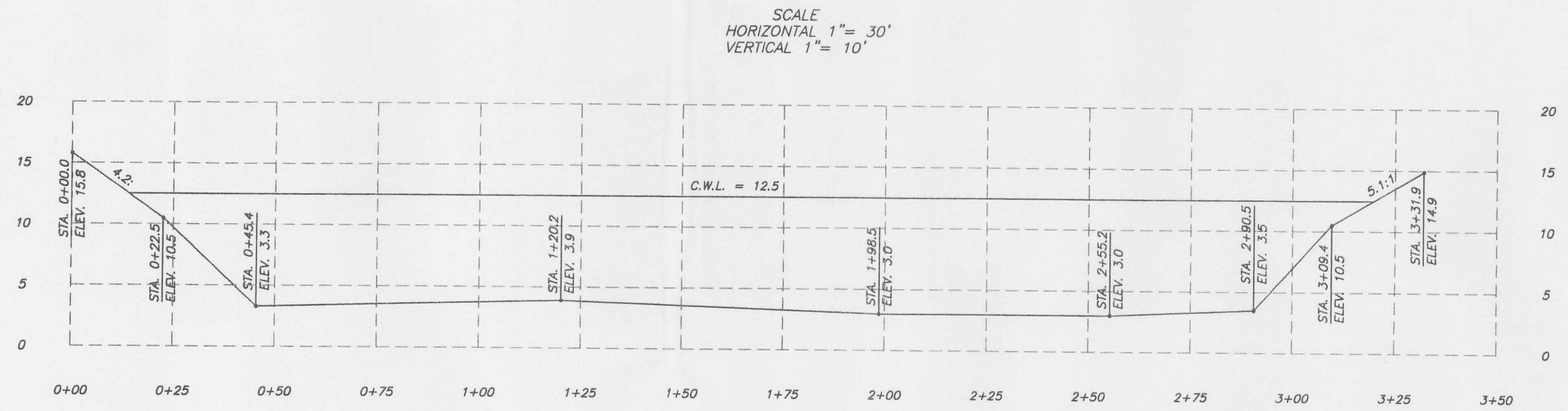
NOVEMBER 1, 2000
DATE OF SURVEY

CERTIFICATE OF SURVEYOR

RANDALL C. BRITT, REGISTERED LAND SURVEYOR, F.L.A. CERT. NO. 3079
NOTE: NOT VALID UNLESS IMPRINTED WITH UNDERSIGNED LAND SURVEYOR'S SEAL.

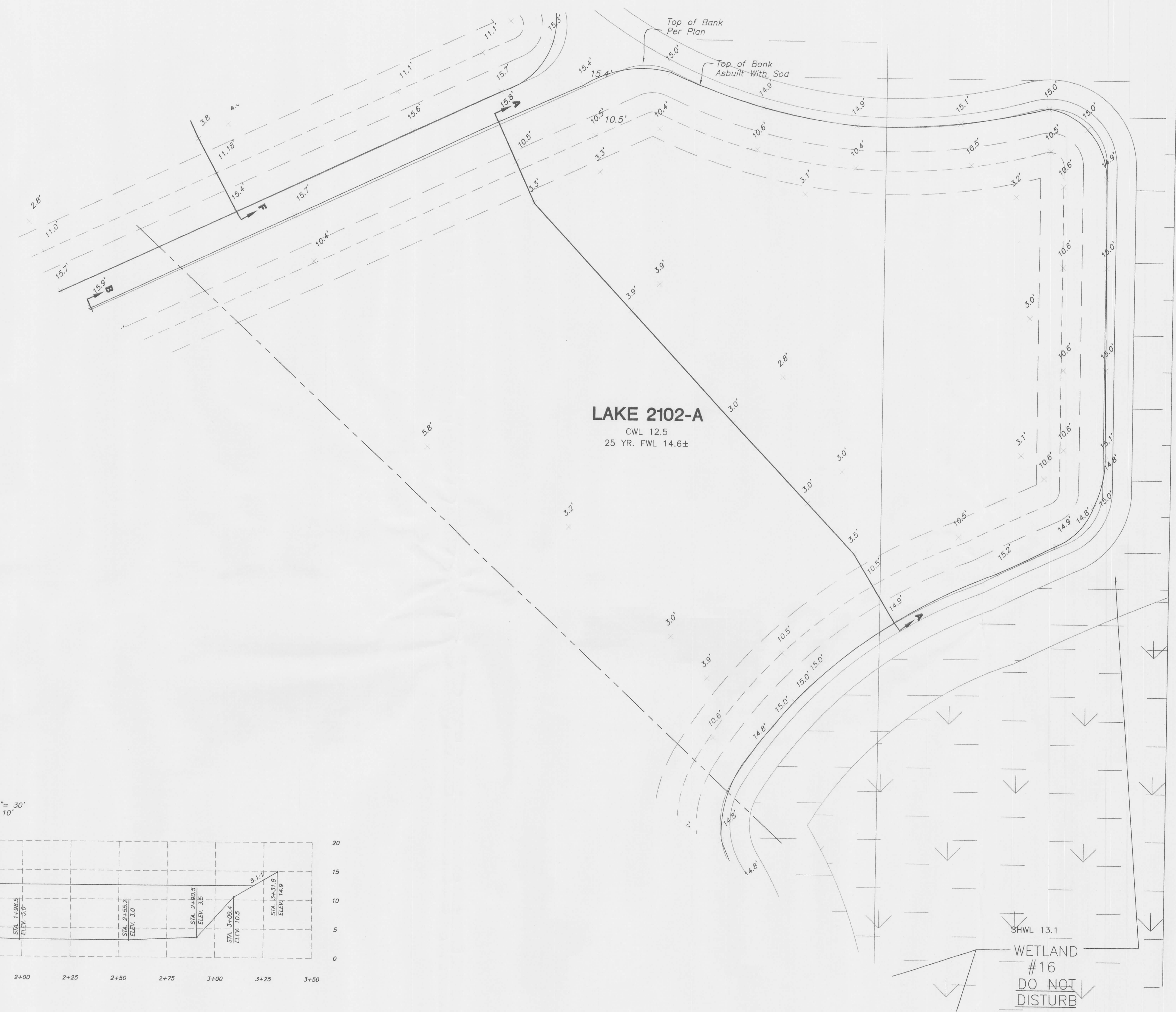
BRITT SURVEYING, INC.

LAND SURVEYORS AND MAPPERS
CERTIFICATE OF AUTHORIZATION NO. L.B. 6638
GENEVE, FLORIDA 34292 (941) 493-1396
SARASOTA, FLORIDA 34240 (941) 377-8554



SECTION A - A

SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 10'



SCALE = 1" = 30'

LAKE 2102-A RIVENDELL RECORD DRAWING

CERTIFIED TO:
KIMLEY-HORN & ASSOCIATES

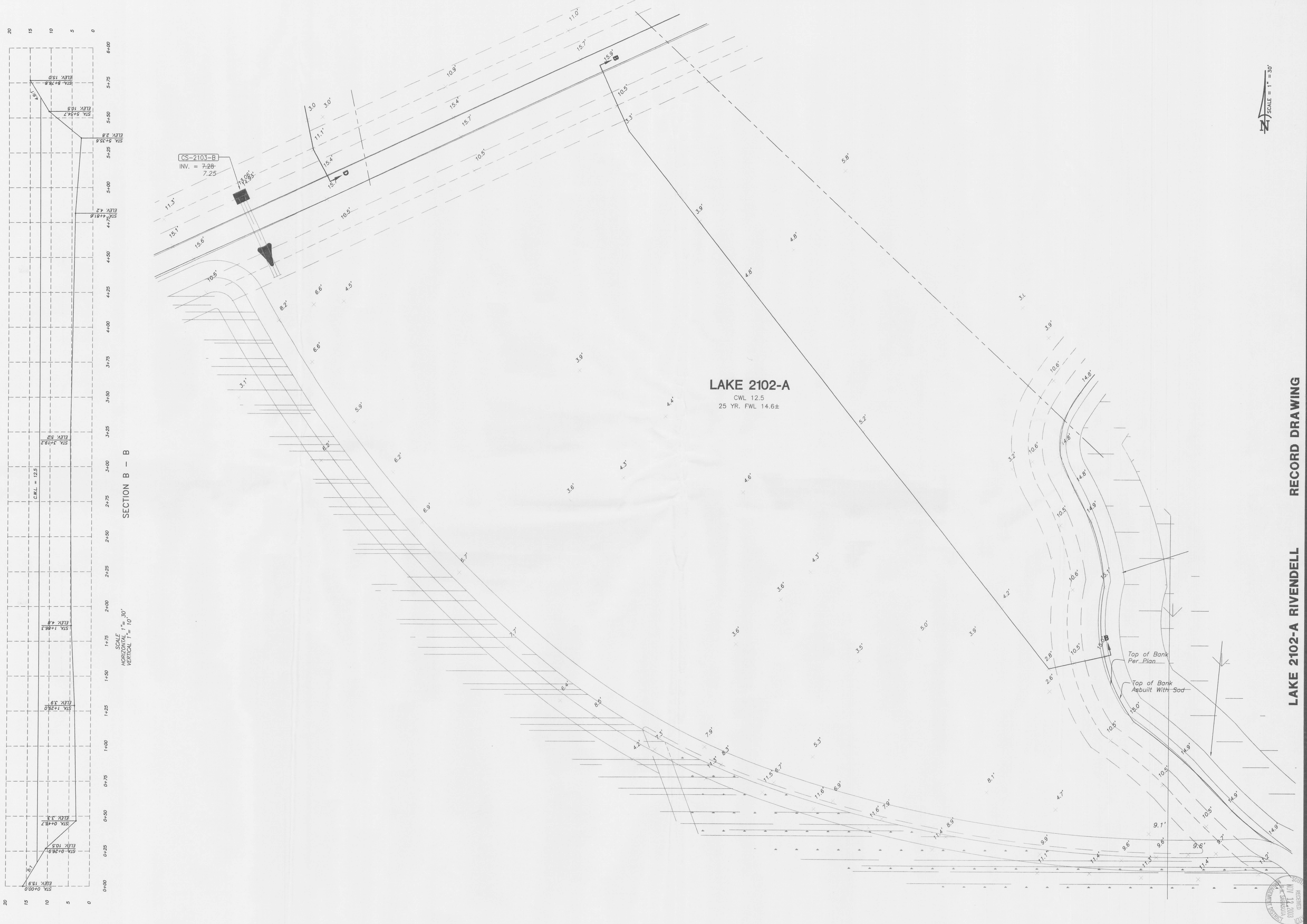
FIELD BOOK: _____ PAGE(S): _____
JOB NUMBER: 00-06-26

SHEET

L-9

CERTIFICATE OF SURVEYOR
I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, 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 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES)
NOVEMBER 1, 2000 DATE OF SURVEY
RANDALL E. BRITT, PROFESSIONAL LAND SURVEYOR, F.L.A. CERT. NO. 3979
NOTE: NOT VALID UNLESS IMPRINTED WITH EMPOSSED LAND SURVEYOR'S SEAL.

BRITT SURVEYING, INC.
LAND SURVEYORS AND MAPPERS
CERTIFICATE OF AUTHORIZATION NO. L.B. 6638
VENICE, FLORIDA 34292 (941) 493-1396
SARASOTA, FLORIDA 34240 (941) 377-8454
606 CYPRESS AVENUE
6388 DANNER DRIVE



SCALE = 1" = 30'

LAKE 2102-A RIVENDELL RECORD DRAWING

CERTIFIED TO:
 KIMLEY-HORN & ASSOCIATES

FIELD BOOK: _____ PAGE(S): _____
 JOB NUMBER: 00-06-26

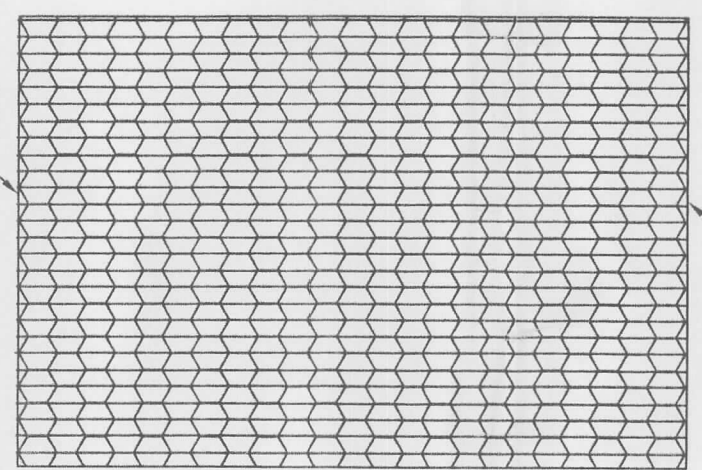
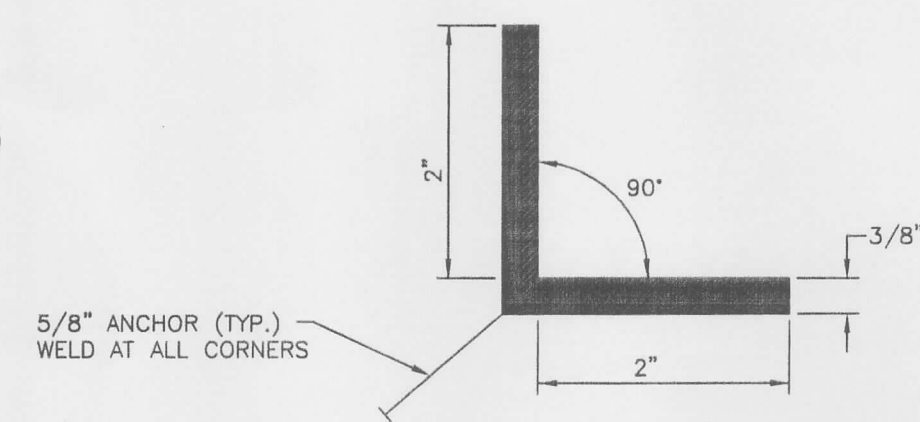
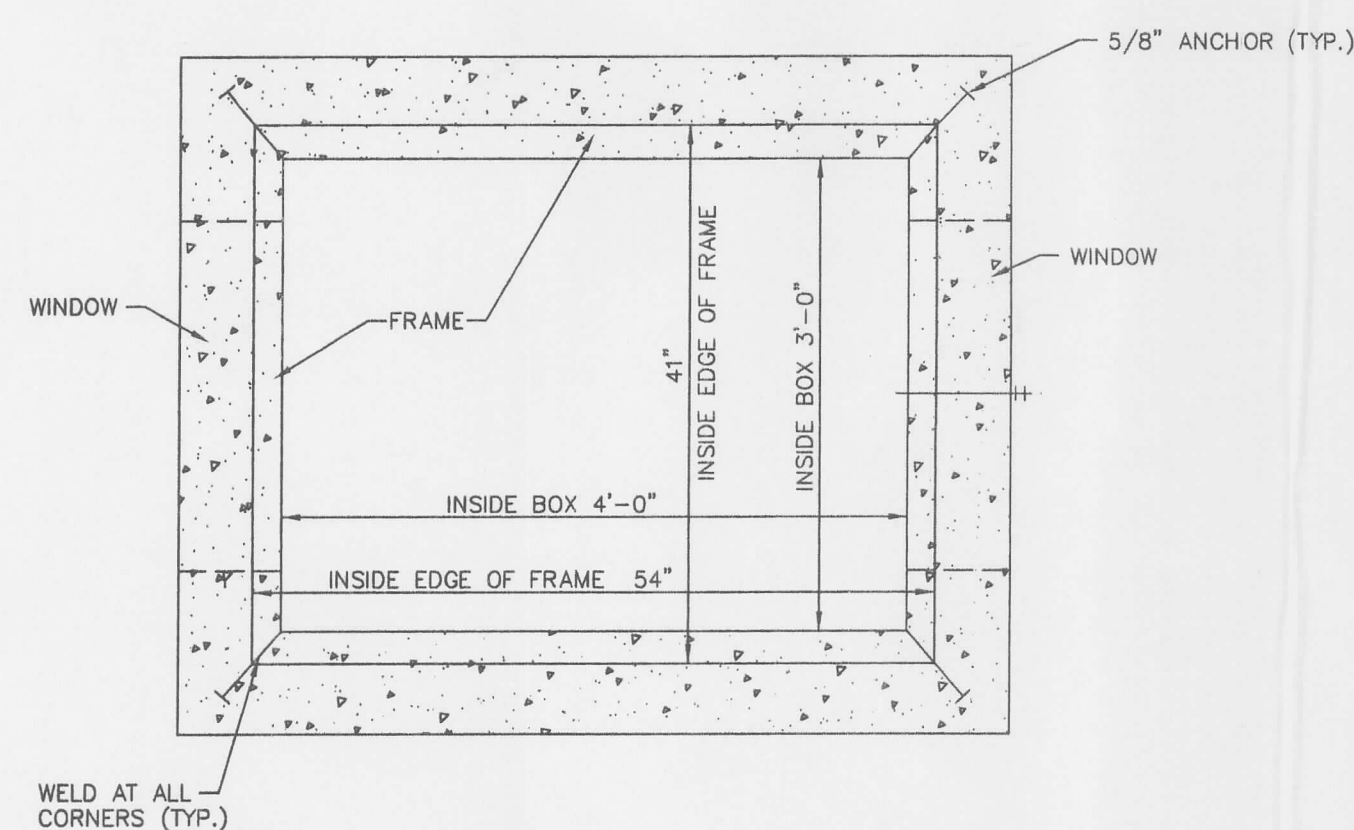
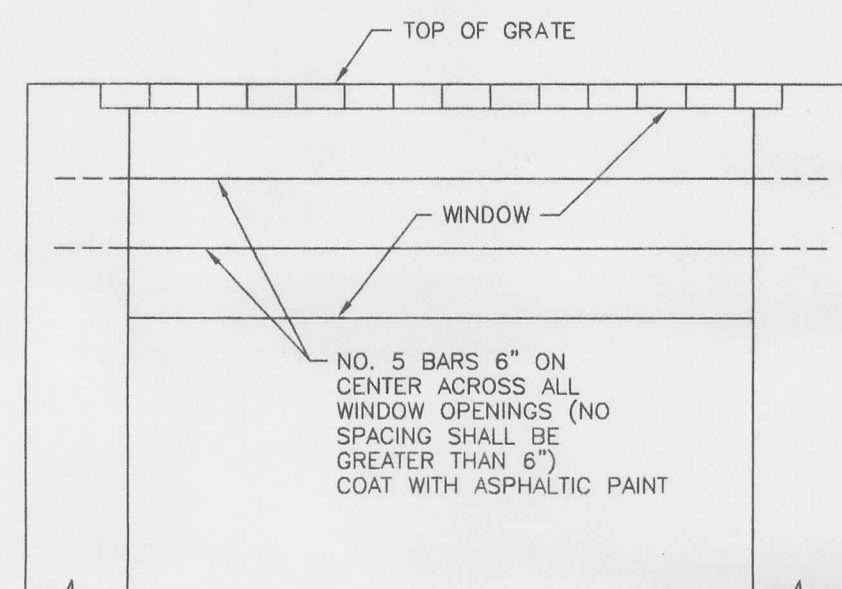
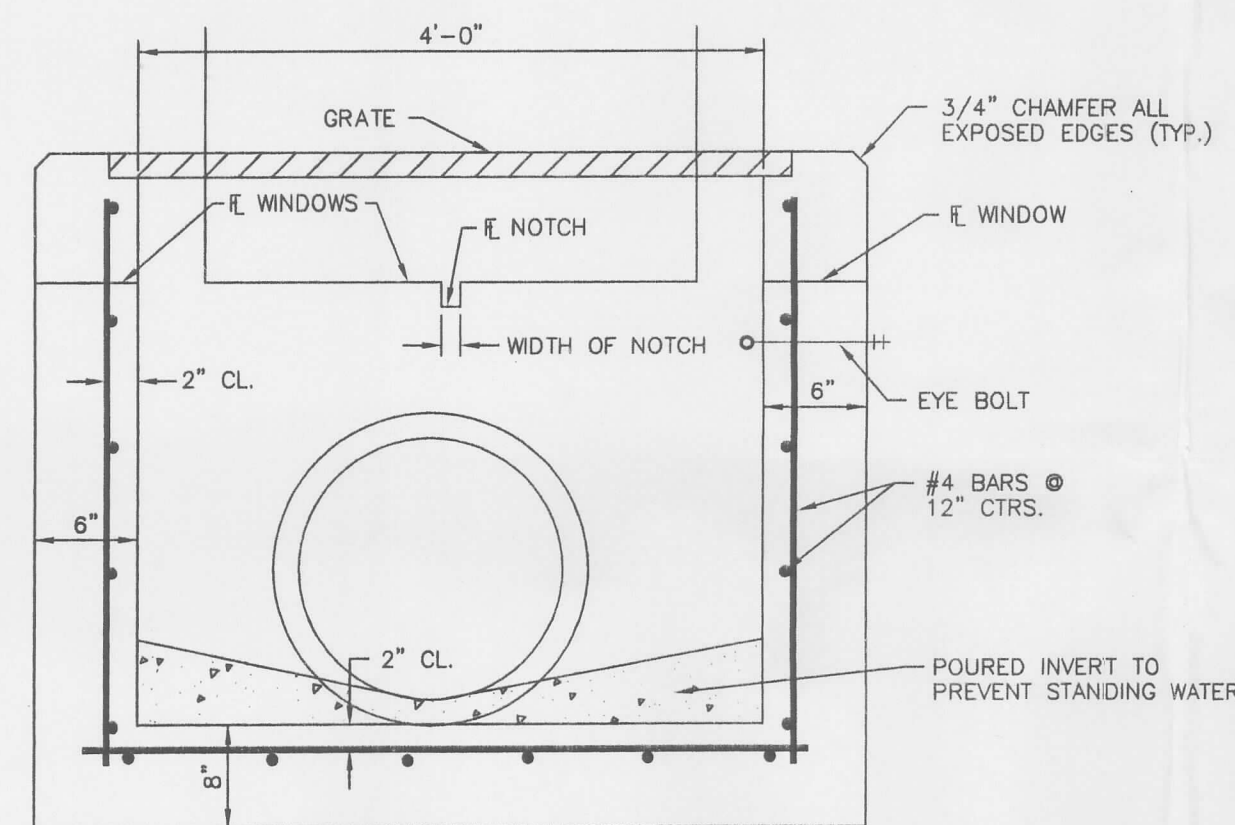
SHEET
L-10

CERTIFICATE OF SURVEYOR
 I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAN IS A TRUE REPRESENTATION OF THE LAND DESCRIBED AND THE RECORDING THEREON 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 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES)
 RANDALL E. BRITT, PROFESSIONAL LAND SURVEYOR, FLA. CERT. NO. 38719
 NOVEMBER 1, 2000
 DATE OF SURVEY

BRITT SURVEYING, INC.
 LAND SURVEYORS AND MAPPERS
 CERTIFICATE OF AUTHORIZATION NO. L.B. 6638
 VENICE, FLORIDA 34292 (941) 493-1396
 UNIT 3 SARASOTA, FLORIDA 34240 (941) 377-8454
 606 CYPRESS AVENUE
 6398 DANNER DRIVE

CONTROL STRUCTURE NO.	TOP OF STRUCTURE/GRATE ELEV.	FLOWLINE WINDOW ELEV.	RECTANGULAR WEIR SIZE (FEET)(SLOT)(WINDOWS)				NOTCH ELEV.	NOTCH WIDTH (FEET)	PIPE SIZE/TYPE	OUTFALL PIPE INVERT	SKIMMER? YES/NO	SPECIAL COMMENT
			FRONT	REAR	SIDES	TOTAL						
C.S. W-15 (RECORD DATA)	14.90 14.91	13.60 13.56	4.00 4.00	-	-	4.00 4.00	-	-	24" RCP 24" RCP	9.72 9.75	NO	* PER PLAN BELOW BENCH MARK N.E. CORNER ELEV.=14.92
C.S. 2103A1 (RECORD DATA)	14.90 14.94	13.60 13.60	4.00 4.00	-	-	4.00 4.00	-	-	36" RCP 36" RCP	8.84 8.84	NO	BENCH MARK N.W. CORNER ELEV.=14.94
C.S. 2103A2 (RECORD DATA)	14.90 14.83	13.60 13.58	4.00 4.00	-	-	4.00 4.00	-	-	24" RCP 24" RCP	10.18 10.03	NO	* PER PLAN BELOW/BUBBLER** BENCH MARK N.E. CORNER ELEV.=14.82
C.S. W-22 (RECORD DATA)	15.30 15.32	14.50 14.50	3.00 3.00	-	-	3.00 3.00	-	-	24" RCP 24" RCP	11.20 11.26	NO	* PER PLAN BELOW BENCH MARK S.E. CORNER ELEV.=15.34
C.S. 2113 (RECORD DATA)	15.80	14.50	2.50	-	-	2.50	-	-	30" RCP	10.50	NO	
C.S. 2110 (RECORD DATA)	16.00	15.00	1.50	-	-	1.50	-	-	30" RCP	11.00	NO	
C.S. 2110C (RECORD DATA)	16.00	15.00	1.00	-	-	1.0	-	-	18" RCP	11.00	NO	* PER PLAN BELOW/BUBBLER**
C.S. 2104A (RECORD DATA)	15.00 14.97	14.00 13.96	2.50 2.50	-	-	2.50 2.50	-	-	24" RCP 24" RCP	10.00 9.95	NO	* PER PLAN BELOW/BUBBLER** BENCH MARK N.E. CORNER ELEV.=14.98
C.S. W-14 (RECORD DATA)	15.00 14.95	13.30 13.24	2.00 2.00	-	-	2.00 2.00	-	-	18" RCP 18" RCP	10.50 10.52	NO	* PER PLAN BELOW BENCH MARK N.E. CORNER ELEV.=14.96
C.S. 2114 (RECORD DATA)	16.00	15.00	2.00	-	-	2.00	-	-	30" RCP	11.02	NO	* PER PLAN BELOW/BUBBLER**

** 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 IN BUBBLER BOXES.

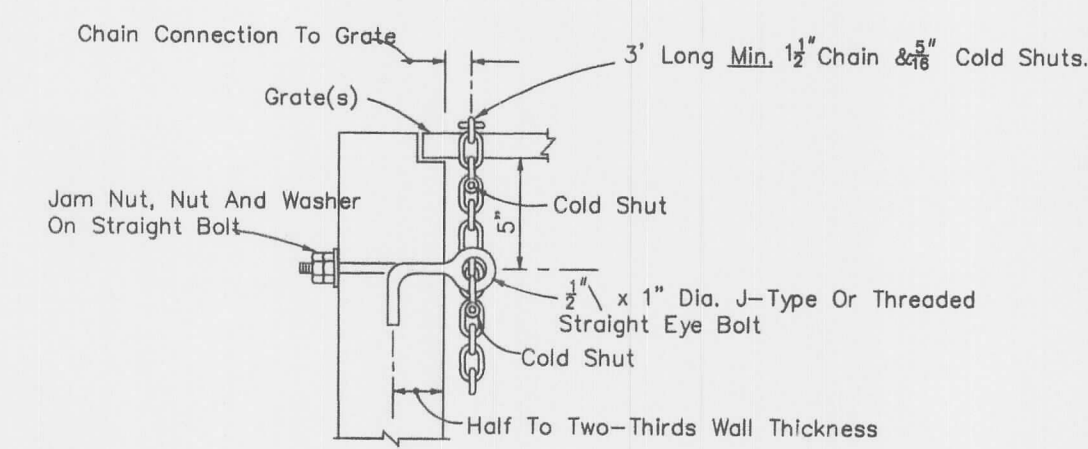
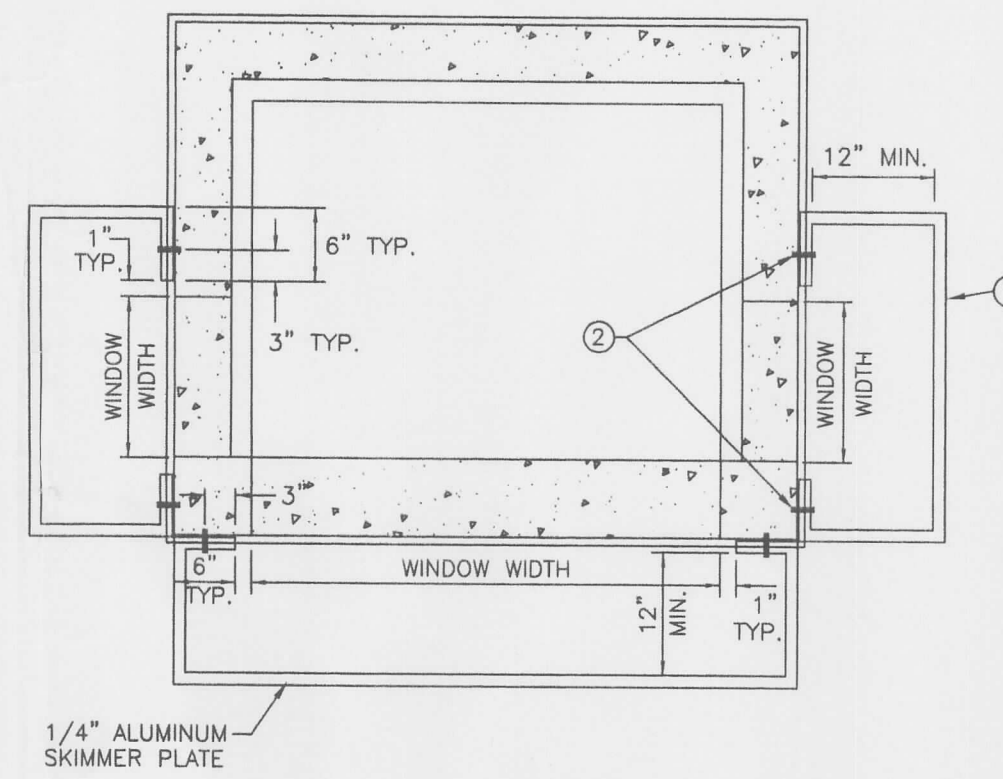


- NOTES:
1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 4000 P.S.I. @ 28 DAYS.
 2. ALL STEEL TO HAVE A MINIMUM 2" CLEARANCE UNLESS OTHERWISE NOTED.
 3. STEEL REINFORCEMENT SHALL MEET ASTM SPECIFICATIONS (A-615), DEFORMED BARS.
 4. ALL INLETS TO HAVE FIELD POURED INVERTS TO ELIMINATE STANDING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

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

SMALL CONTROL STRUCTURE
SSDKH14_DWG N.T.S.

- 1 1/4" THICK ALUMINUM FABRICATED SKIMMER PLATE WITH OPEN TOP AND BOTTOM.
- 3/8" DIAMETER STAINLESS STEEL EXPANSION ANCHORS, 3" LONG (MIN.) WITH STAINLESS STEEL WASHERS AND NUTS, THREE REQUIRED EACH SIDE OF SKIMMER.



Cost of eye bolt and chain to be included in the contract unit price for structures.
One eye bolt & chain for each grate.

EYE BOLT AND CHAIN FOR LOCKING GRATES TO STRUCTURES
N.T.S. SSDM41_DWG

BRITT SURVEYING, INC.
LAND SURVEYORS AND MAPPERS
CERTIFICATE OF AUTHORIZATION NO. LB 6638
639 CANNON DRIVE UNIT 3 SARASOTA, FLORIDA 34238 (813) 577-4224

RECORD DRAWING

OCTOBER 3, 2000
DATE OF SURVEY

FOR: U.S. HOME CORPORATION
CONSTRUCTION PLANS
RIVENDELL, UNITS 4 & 5
SMALL CONTROL STRUCTURE DETAILS

TITLE: B-14

DESC:

Kimley-Horn and Associates, Inc. © 2000
SUITE 100
6588 POTTER PARK DRIVE
SARASOTA, FLORIDA 34238
TEL: (813) 557-8800
FAX: (813) 557-8801
Project No: 048113.02
Checked By: [Signature] Date: 3/7/00
Drawn By: [Signature] Plot Index:
CADD File: B-14

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DATE BY

REVISION

NO.