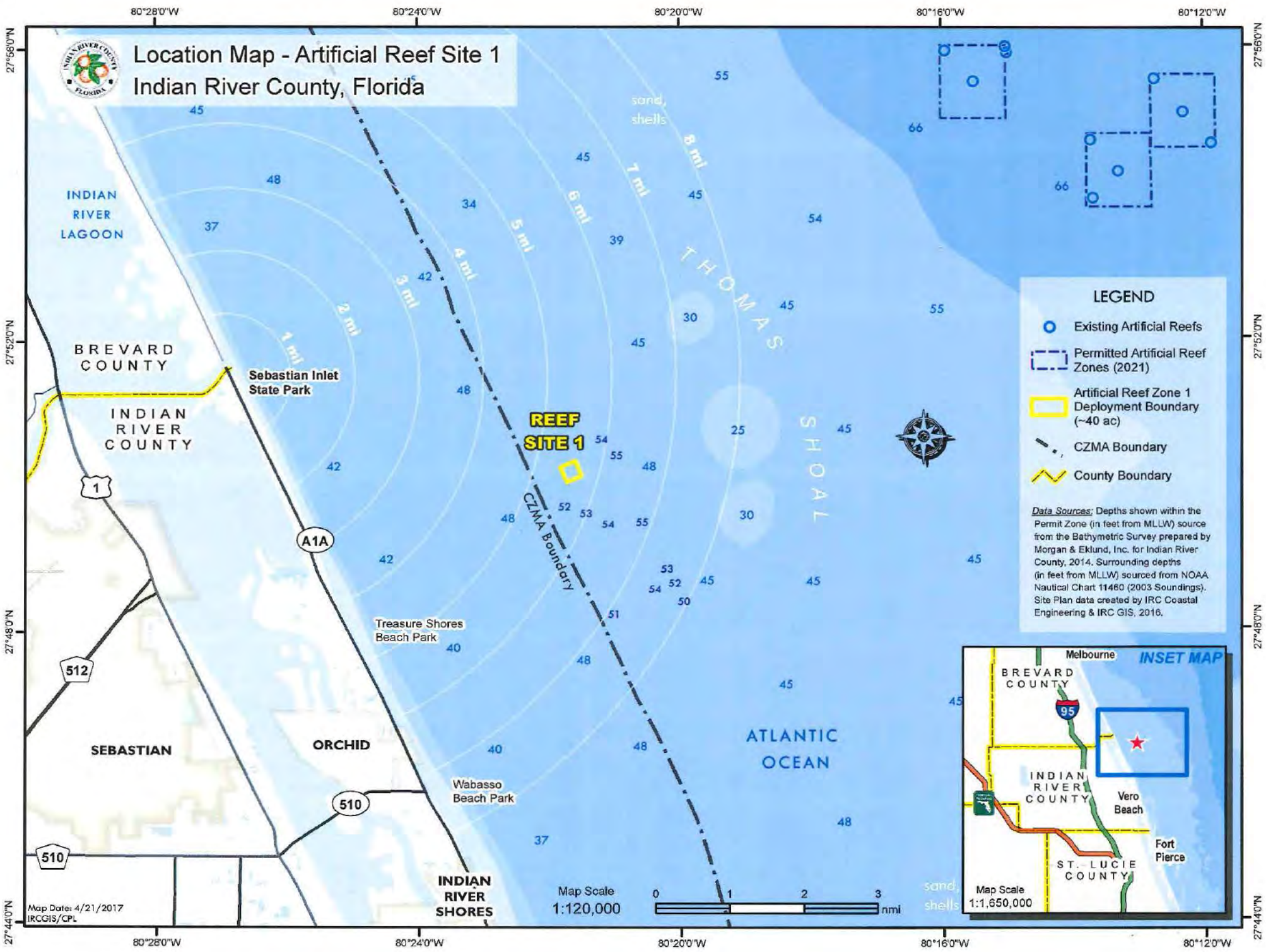




Location Map - Artificial Reef Site 1 Indian River County, Florida



LEGEND

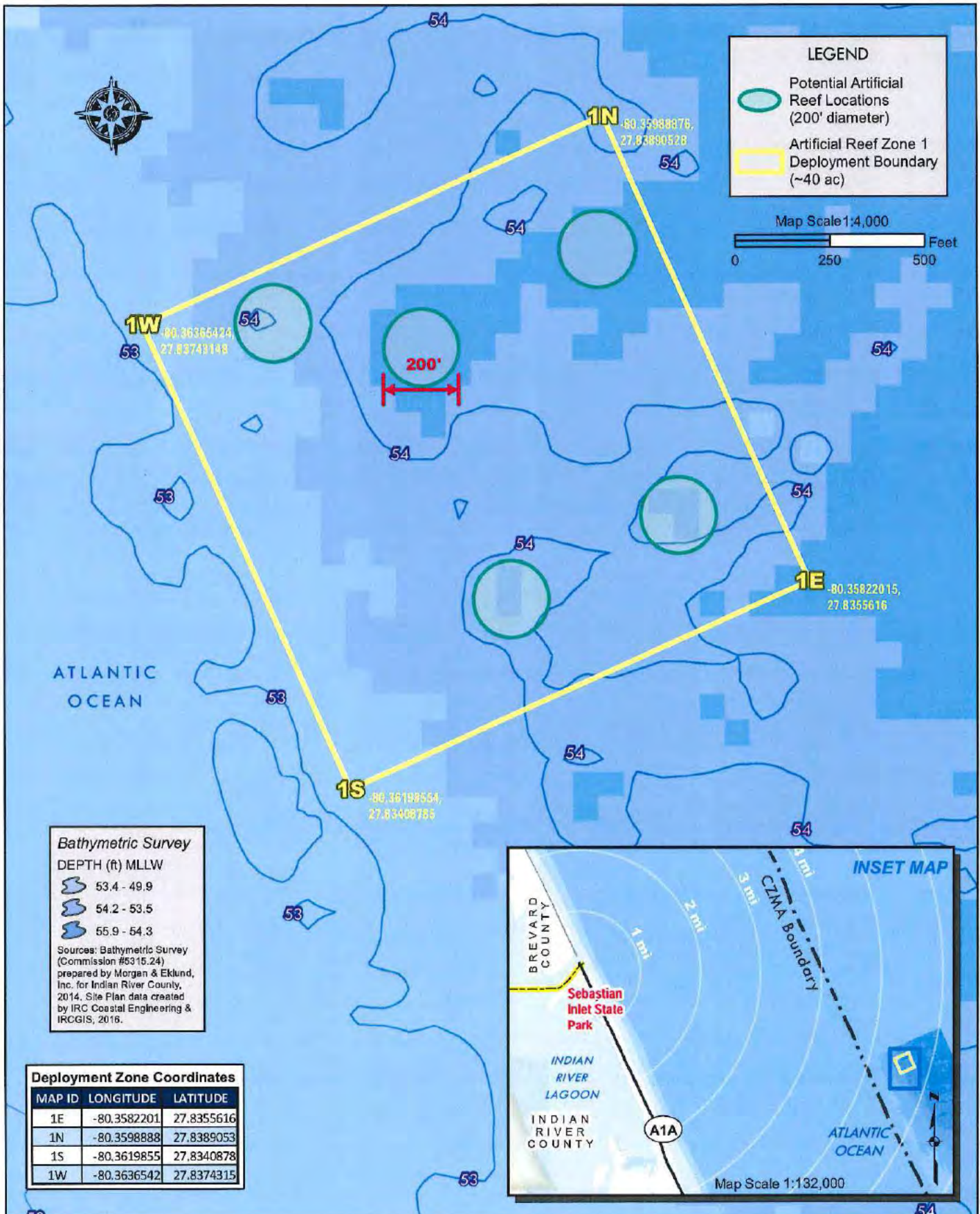
- Existing Artificial Reefs
- Permitted Artificial Reef Zones (2021)
- Artificial Reef Zone 1 Deployment Boundary (~40 ac)
- CZMA Boundary
- County Boundary

Data Sources: Depths shown within the Permit Zone (in feet from MLLW) source from the Bathymetric Survey prepared by Morgan & Eklund, Inc. for Indian River County, 2014. Surrounding depths (in feet from MLLW) sourced from NOAA Nautical Chart 11460 (2003 Soundings). Site Plan data created by IRC Coastal Engineering & IRC GIS, 2016.



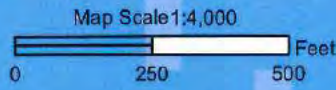
Map Date: 4/21/2017
IRCGIS/CPL

APPENDIX B
DETAIL OF POTENTIAL REEF SITES
ARTIFICIAL REEF ZONE 1



LEGEND

- Potential Artificial Reef Locations (200' diameter)
- Artificial Reef Zone 1 Deployment Boundary (~40 ac)



Bathymetric Survey

DEPTH (ft) MLLW

- 53.4 - 49.9
- 54.2 - 53.5
- 55.9 - 54.3

Sources: Bathymetric Survey (Commission #5315.24) prepared by Morgan & Eklund, Inc. for Indian River County, 2014. Site Plan data created by IRC Coastal Engineering & IRCGIS, 2016.

Deployment Zone Coordinates

MAP ID	LONGITUDE	LATITUDE
1E	-80.3582201	27.8355616
1N	-80.3598888	27.8389053
1S	-80.3619855	27.8340878
1W	-80.3636542	27.8374315



Artificial Reef Zone 1 Permit Boundaries and Site Plan



APPENDIX C

2014 BATHYMETRIC AND SIDE SCAN SONAR OF THE PROJECT SITE

PREPARED BY MORGAN AND EKLUND, INC.

SIDESCAN SONAR AND BATHYMETRIC SURVEY ARTIFICIAL REEF SITE SEBASTIAN INLET, INDIAN RIVER COUNTY, FLORIDA

-FOR-
INDIAN RIVER COUNTY
COMMISSION #5315.24

PREPARED BY:

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS



3745 US HIGHWAY #1
P.O. BOX 701422
PALM BEACH, FL 33441
PHONE (561) 882-6364
FAX (561) 882-3105

1182 SW 1ST WAY
DEERFIELD BEACH, FL 33441
PHONE (561) 421-6822
FAX (561) 421-0425

LS #4558



LOCATION MAP
1" INCH = 5,000 FEET

SURVEY NOTES:

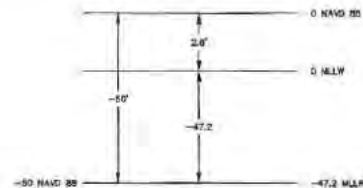
1. GRID COORDINATES SHOWN ARE IN FEET, AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 1980 (NAD 83/90).
2. GRID COORDINATES ARE BASED ON MONUMENTS AS SHOWN IN THE CONTROL TABLE.
3. ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER. ELEVATION DATA WAS COLLECTED BY TEST RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND CONVERTED TO MLW USING THE LATEST VERSION OF VDATUM (VERTICAL DATUM TRANSFORMATION) PROVIDED BY NOAA, NATIONAL OCEAN SERVICE (NOS).
4. ELEVATIONS ARE BASED ON MONUMENTS AS SHOWN IN THE CONTROL TABLE.
5. BATHYMETRIC INFORMATION DEPICTED ON THIS SURVEY REPRESENTS THE EXISTING CONDITIONS ON THE DATE OF THE FIELD SURVEY.
6. AERIAL IMAGERY WAS PROVIDED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
7. AERIAL IMAGERY IS DISPLAYED HEREON FOR INFORMATION PURPOSES ONLY, NO PHOTOGRAPHIC ACCURACY IS IMPLIED BY THIS MAP.
8. NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPMAKER.
9. UNDERGROUND UTILITIES AND IMPROVEMENTS NOT LOCATED.

CONTROL TABULATION

DESIGNATION	NAD 83/90	SPCS 83(1)	NAVD 88	ELEVATION	DESCRIPTION
A-16	174185.02	174185.02	1.21	89-78-045	
A-16	1737548.13	1737548.13	1.43	89-78-045	
A-17	1750031.74	1750031.74	1.28	89-78-047	
A-17	1745951.17	1745951.17	1.45	89-78-048	
A-17	1740380.76	1740380.76	1.95	89-78-049	
A-18	1748725.97	1748725.97	19.21	89-78-051	
C-22	1762728.21	1762728.21	10.53	89-78-051 (1)	1988
C-26	1751162.99	1751162.99	6.90	89-78-051 (2)	1988
C-23	1751162.99	1751162.99	16.42	89-78-051 (3)	1978
C-23	1751162.99	1751162.99	16.71	89-78-051 (4)	1978
C-27	1751162.99	1751162.99	3.64	89-78-051 (5)	1978
B10	1742284.13	1742284.13	9.23	89-78-051 (6)	1978
B11	1752651.18	1752651.18	3.52	89-78-051 (7)	1978

* ALL ELEVATION DATA SHOWN ON THE FOLLOWING PAGES HAVE BEEN CONVERTED TO MEAN LOWER LOW WATER USING THE LATEST VERSION OF VDATUM (VERTICAL DATUM TRANSFORMATION) PROVIDED BY NOAA, NATIONAL OCEAN SERVICE (NOS).

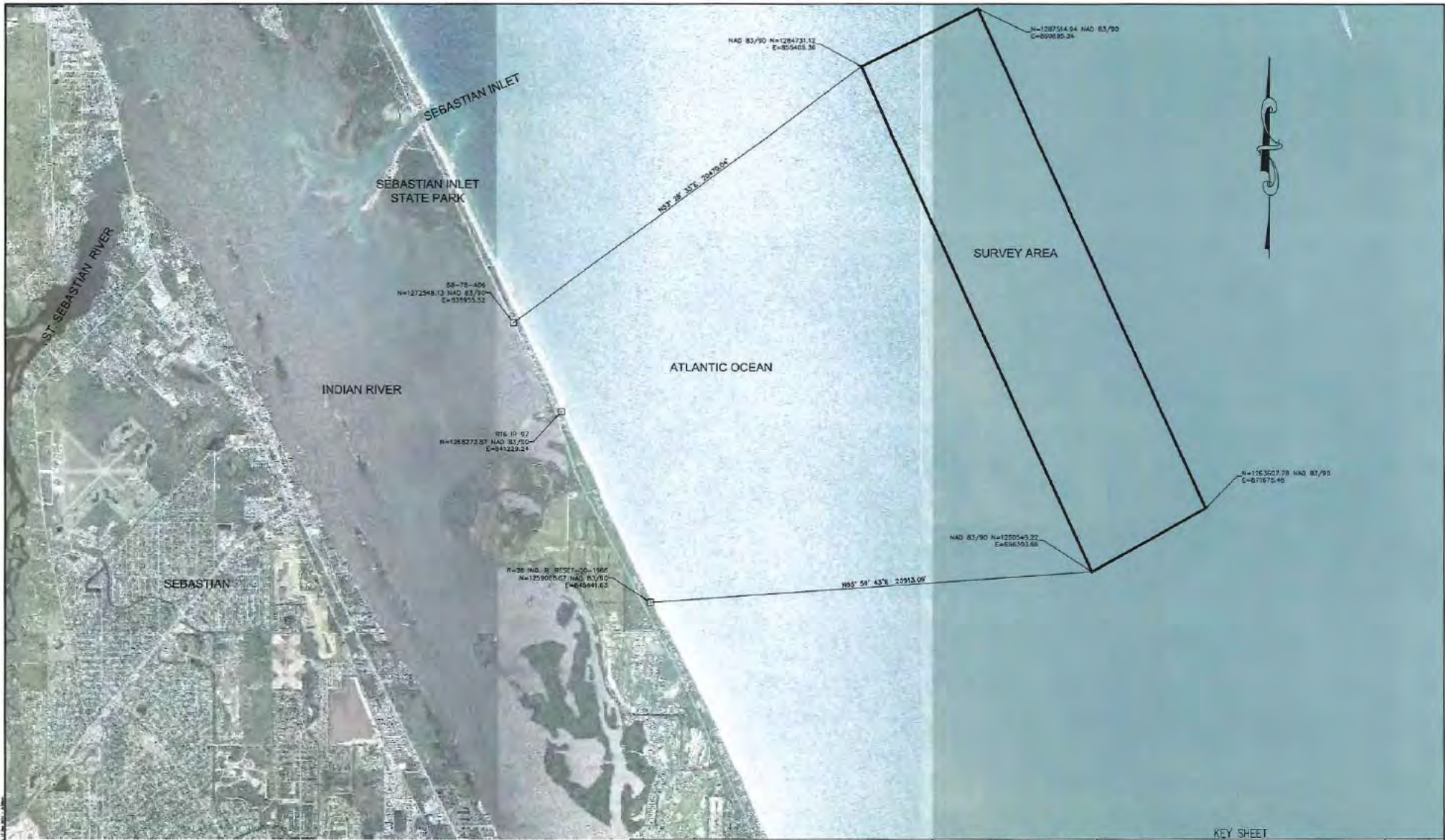
VERTICAL DATUM DIAGRAM



SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	KEY SHEET
3	ELEVATION CONTOURS/SIDESCAN SONAR MOSAIC
4-10	CROSS SECTIONS
11	SURVEY REPORT

FIELD BOOKS: INDIAN RIVER 245, PAGES 46 - 54



MORGAN & EKLUIND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1
P.O. BOX 701420
WILMINGTON, FL 32570
PHONE: (772) 388-5264
FAX: (772) 388-3185

1159 SW 1ST WAY
DEERFIELD BEACH, FL 33441
PHONE: (888) 421-8082
FAX: (888) 421-0425

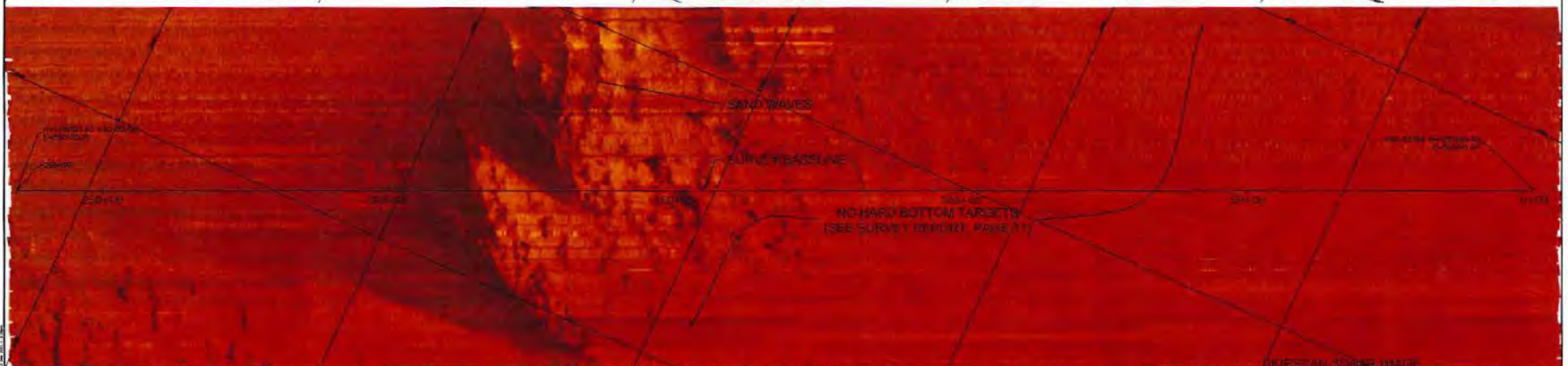
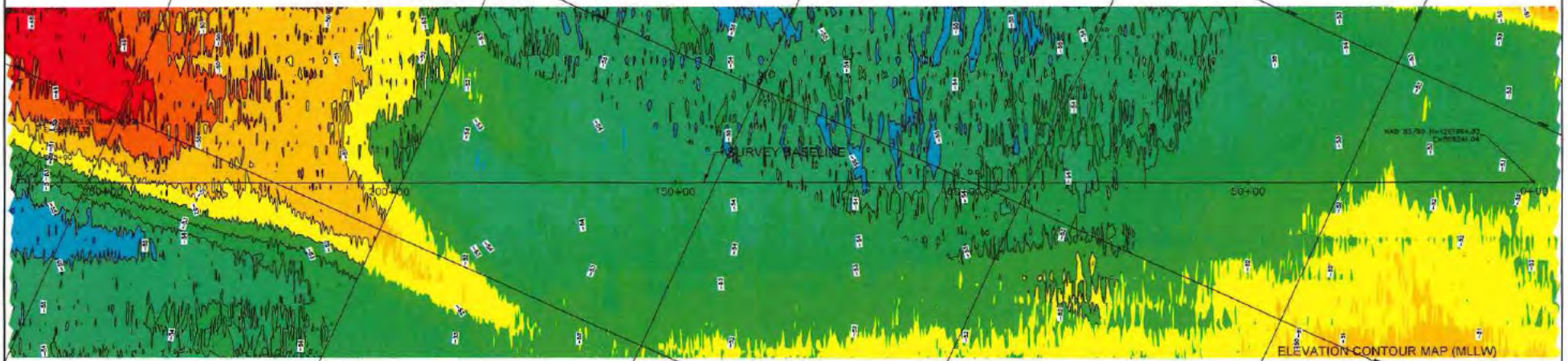
LB #4290

CERTIFICATE OF SURVEY - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS A TRUE AND CORRECT STATEMENT OF THE SURVEY AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA AND AM NOT PROVIDING ANY SERVICES TO ANY OTHER PARTY. I AM NOT PROVIDING ANY SERVICES TO ANY OTHER PARTY. I AM NOT PROVIDING ANY SERVICES TO ANY OTHER PARTY.

JOHN A. MORGAN, P.E.
PROFESSIONAL SURVEYOR #2008

KEY SHEET			
BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY			COMMISSION NO. 5315.24
			SCALE 1" = 2000'
			DATE 12/17/14
DRAWN BY LFP	CHECKED BY JRM	FIELD BOOK PAGE NO.	DATE OF SURVEY 10/29/14
ISSUE COVER	SHEET 2 of 11		

ELEVATION CONTOURS (MLLW)		
Minimum Elevation	Maximum Elevation	Color
-48	-47	Red
-49	-48	Orange
-50	-49	Yellow
-51	-50	Light Green
-52	-51	Green
-53	-52	Dark Green
-54	-53	Teal
-55	-54	Blue-Green
-56	-55	Blue
-57	-56	Dark Blue



GRAPHIC SCALE
 HORIZONTAL SCALE 1" = 50'
 VERTICAL SCALE 1" = 2'

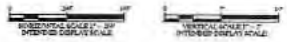
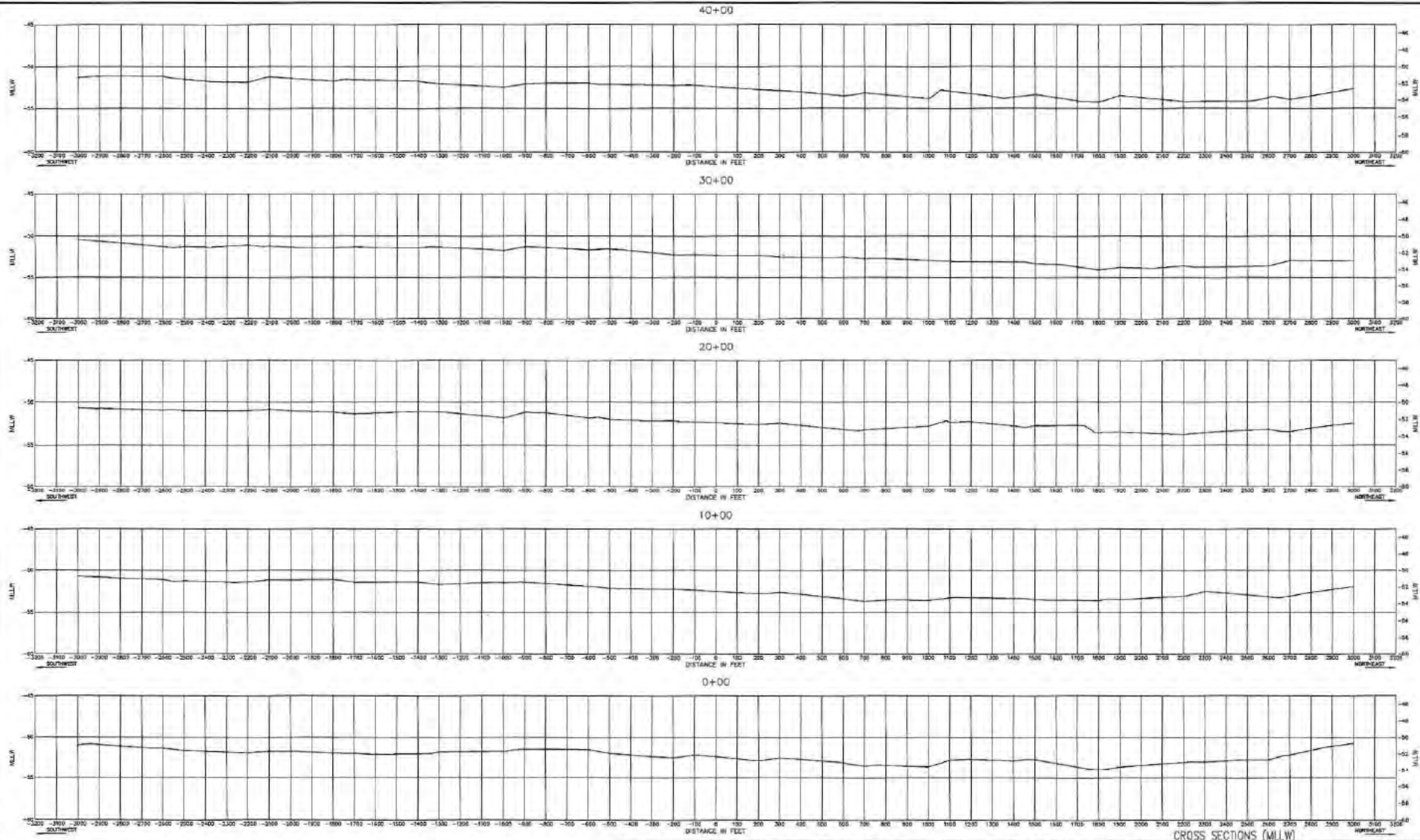


MORGAN & EKLUND, INC.
 PROFESSIONAL SURVEY CONSULTANTS
 8745 US HIGHWAY #1
 P.O. BOX 701420
 WASHINGTON, IL 62270
 PHONE: (722) 288-0264
 FAX: (722) 388-3165
 LD #4298

1158 SW 1ST WAY
 DEERFIELD BEACH, FL 33441
 PHONE: (561) 421-8882
 FAX: (561) 421-0408

STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS AN ACCURATE AND COMPLETE REPRESENTATION OF THE DATA AS COLLECTED AND PROVIDED BY THE CLIENT. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR USE. I AM NOT PROVIDING ANY GUARANTEE OF FITNESS FOR ANY PARTICULAR PURPOSE OR USE. I AM NOT PROVIDING ANY GUARANTEE OF FITNESS FOR ANY PARTICULAR PURPOSE OR USE.

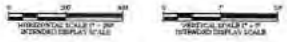
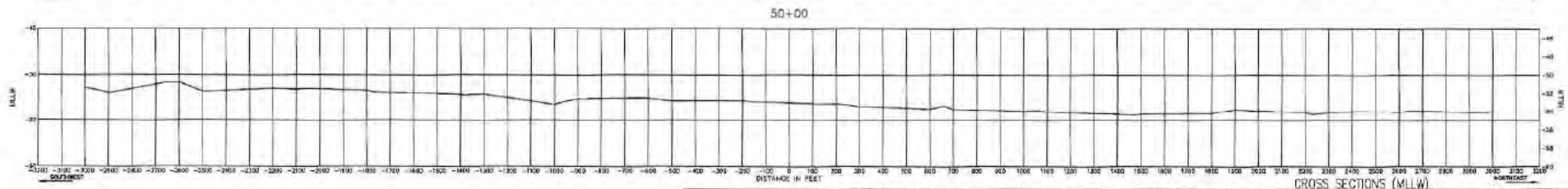
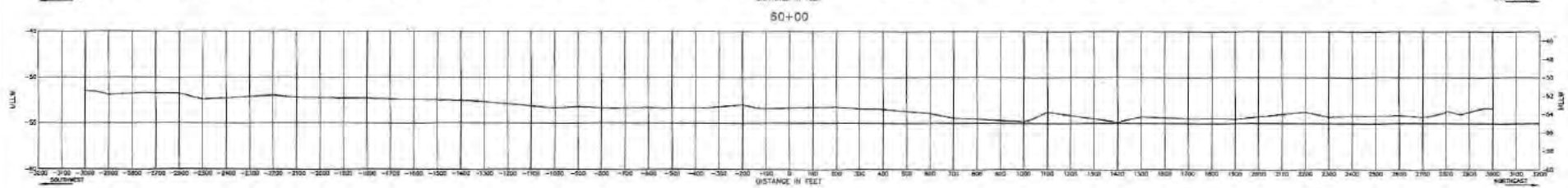
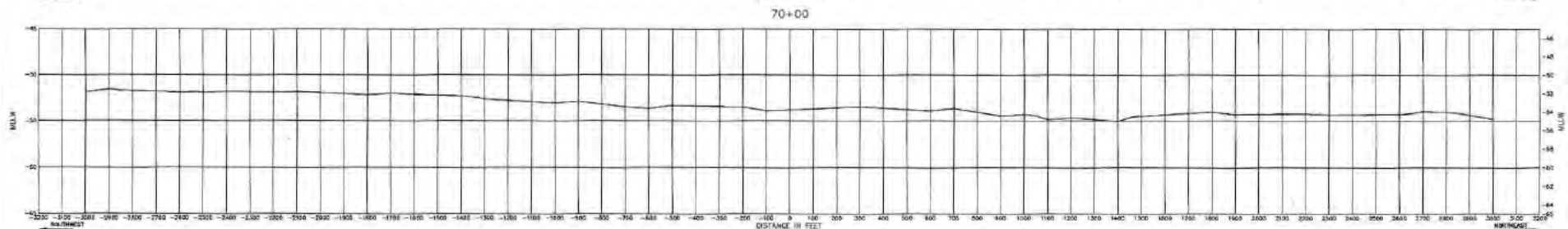
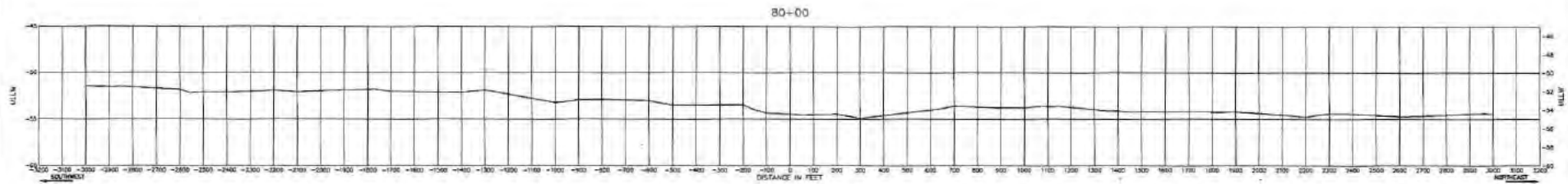
BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY				COMMISSION NO. 5315.24
				SCALE 1" = 50'
				DATE 12/17/14
DRAWN BY LFP	CHECKED BY JRM	FIELD BOOK PAGE NO. 0206	DATE OF SURVEY 10/29/14	SHEET 3 OF 11



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
 8745 US HIGHWAY #1
 P.O. BOX 701420
 WINDSOR, FL 32970
 PHONE: (772) 388-5354
 FAX: (772) 388-3185
 LB #4298

CONSENT OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS A CORRECT AND TRUE STATEMENT OF THE SURVEY DATA AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA. I AM NOT PROVIDING THIS INFORMATION TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF MORGAN & EKLUND, INC. I AM NOT PROVIDING THIS INFORMATION TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF MORGAN & EKLUND, INC. I AM NOT PROVIDING THIS INFORMATION TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF MORGAN & EKLUND, INC.

CROSS SECTIONS (MLLW)			
BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY			
DESIGNED BY LFP	DRAWN BY JRM	FIELD CHECKED BY JRM	DATE OF SURVEY 10/29/14
PROJECT NO. 5315.24			SHEET # OF 11



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1
P.O. BOX 701420
MIAMI, FL 33270
PHONE: (772) 305-3364
FAX: (772) 304-3158

1158 SW 1ST WAY
DEERFIELD BEACH, FL 33441
PHONE: (561) 421-0522
FAX: (561) 421-0425

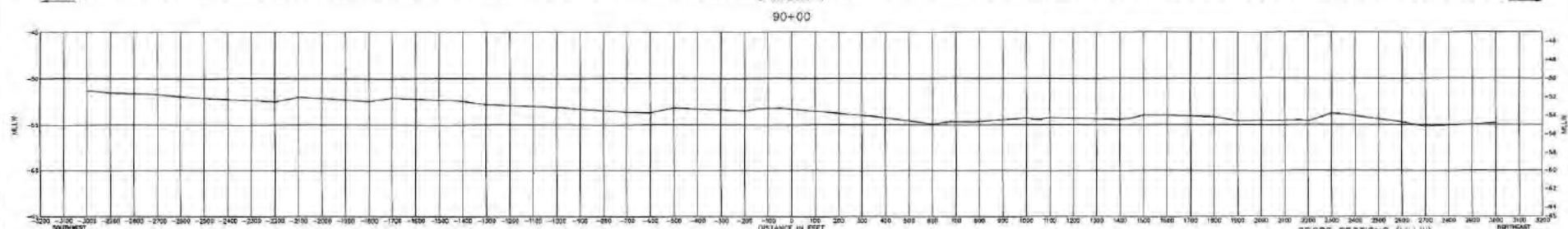
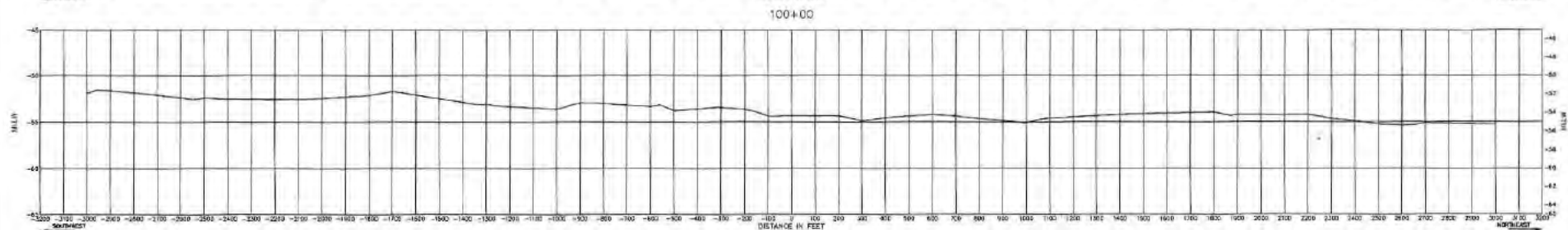
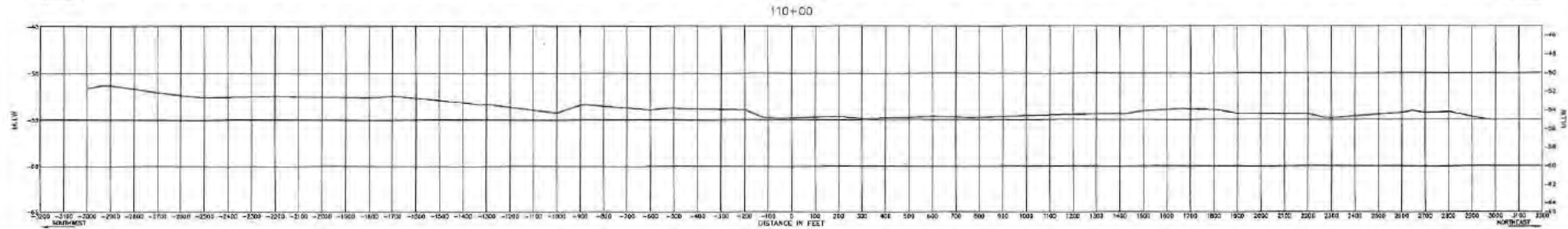
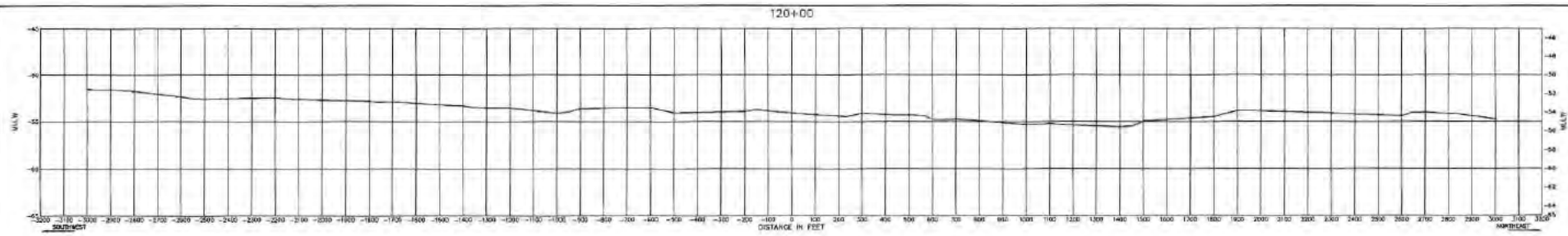
LB #4289

CONTAINER OF RECORDS - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS AN ACCURATE AND TRUTHFUL REPRESENTATION OF THE SURVEY DATA AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, AND I AM NOT PROVIDING ANY SERVICE OR CONSULTING SERVICE TO ANY PARTY OTHER THAN THE CLIENT.

JOHN R. MORGAN, PLS.
REGISTERED PROFESSIONAL SURVEYOR
STATE OF FLORIDA

CROSS SECTIONS (MLLW)			
BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY			
DESIGNED BY	CHECKED BY	FIELD SUPERVISOR	DATE OF SURVEY
LFP	JRM	JRM	10/29/14
PROJECT NO.	SHEET NO.	TOTAL SHEETS	DATE PLOTTED
		5	11

COMMISSION #1
5315.24
SCALE
AS SHOWN
DATE
12/17/14



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1
P.O. BOX 701400
WABERSO, FL 32070
PHONE: (772) 388-2554
FAX: (772) 388-3126

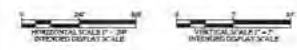
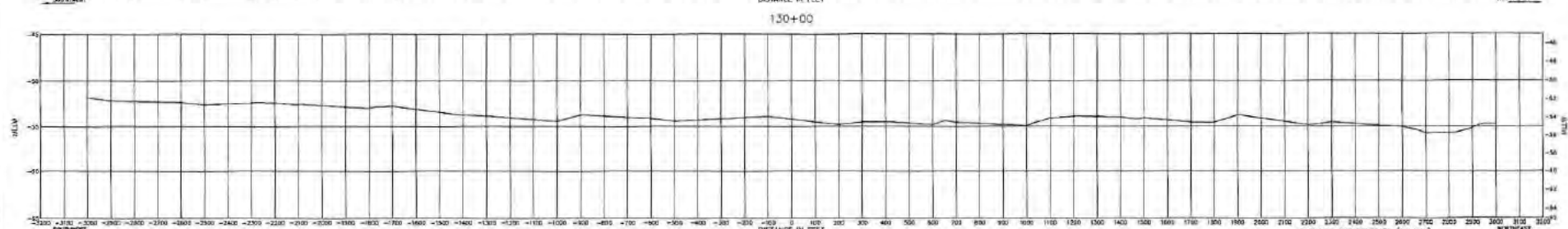
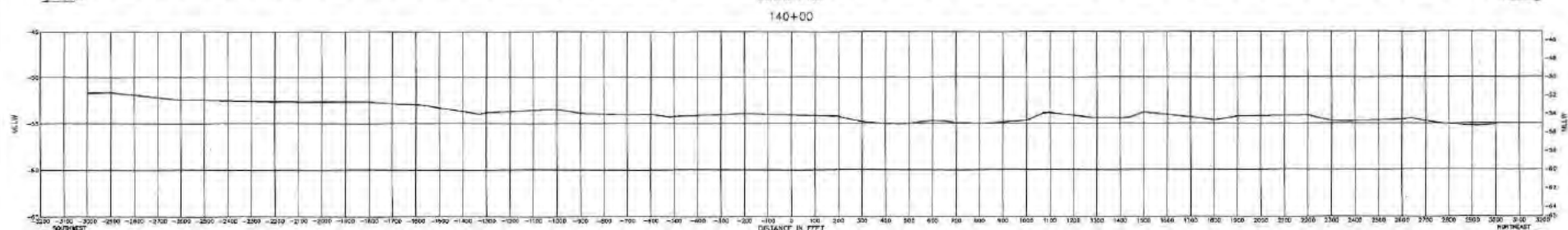
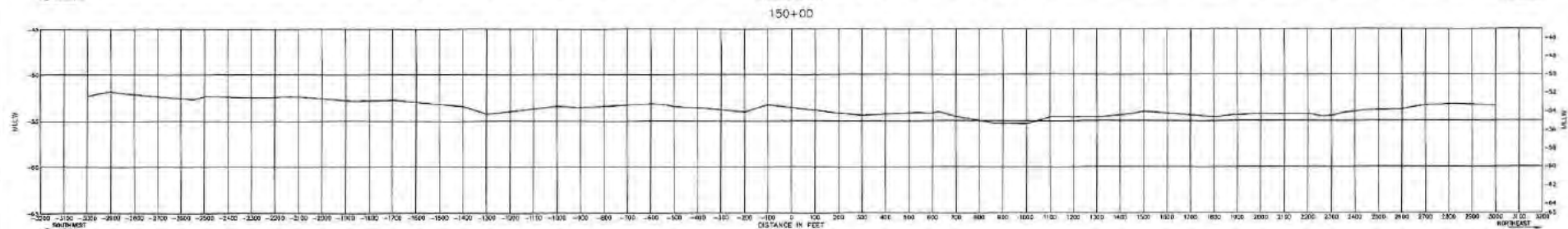
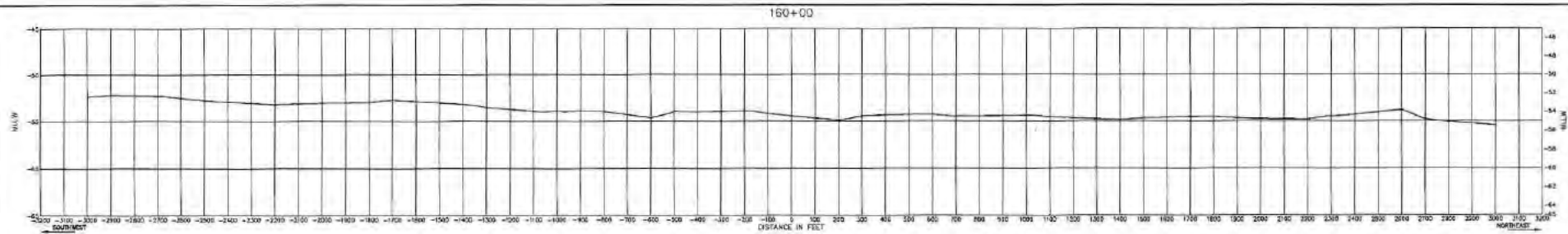
1188 SW 132 RD
DEERFIELD BEACH, FL 33441
PHONE: (561) 421-8882
FAX: (561) 421-4425

LE #12208

STATEMENT OF WORK - I hereby certify that the information herein is true and correct to the best of my knowledge and belief, and that I am a duly licensed Professional Surveyor in the State of Florida. I am not providing this information for any purpose other than that for which it was intended. I am not responsible for any errors or omissions in this information, and I am not providing any warranty, express or implied, for the information herein. I am not providing any information for any purpose other than that for which it was intended. I am not responsible for any errors or omissions in this information, and I am not providing any warranty, express or implied, for the information herein.

JOHN R. MORGAN, P.S.
REGISTERED PROFESSIONAL SURVEYOR
STATE OF FLORIDA

CROSS SECTIONS (M.L.W.)				DRAWING NO.
BATHYMETRIC AND SIDESCAN SONAR SURVEY				S315.24
REEF SITE, SEBASTIAN INLET				DATE
- FOR -				12/17/14
INDIAN RIVER COUNTY				SHEET # OF 11
DRAWN BY:	CHECKED BY:	FIELD SUPERVISOR:	DATE OF SURVEY:	
LFP	JRM	CMC	10/29/14	



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1
 P.O. BOX 701420
 WASHINGTON, FL 32970
 PHONE: (772) 285-2254
 FAX: (772) 285-3185

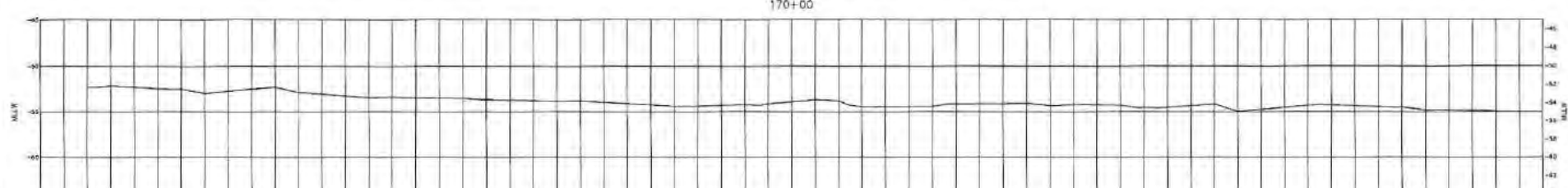
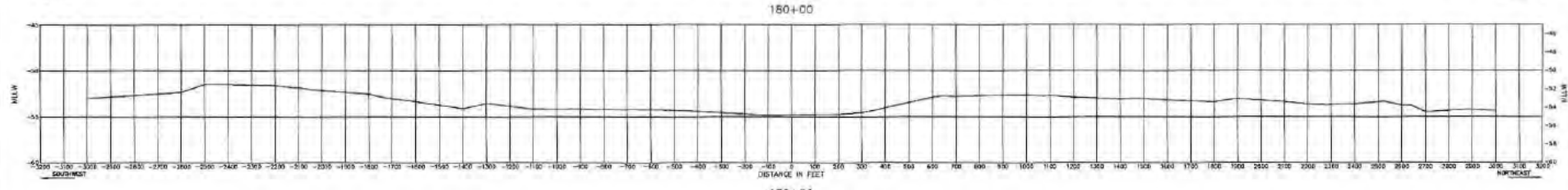
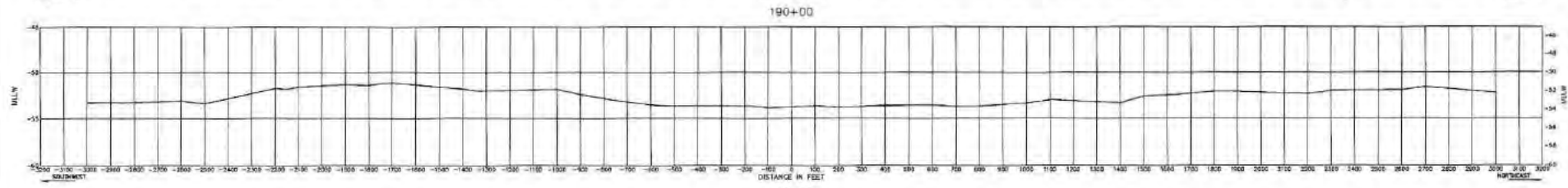
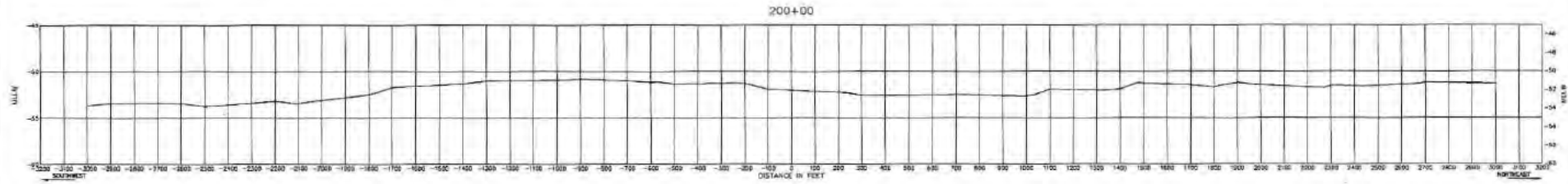
1158 SW 1ST WAY
 DEERFIELD BEACH, FL 33441
 PHONE: (561) 421-8882
 FAX: (561) 421-6425

LB #4258

STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS A TRUE AND CORRECT STATEMENT OF THE WORK DONE BY ME OR UNDER MY SUPERVISION AND CONTROL IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF MY CONTRACT WITH YOU. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, AND I AM NOT RESPONSIBLE FOR ANY DAMAGE OR LOSS OF ANY KIND, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF BUSINESS, OR ANY OTHER CONSEQUENTIAL DAMAGES, ARISING OUT OF OR FROM THE USE OF THE INFORMATION CONTAINED HEREIN.

JOHN G. MORGAN & PLS
 PROFESSIONAL SURVEY CONSULTANTS
 STATE OF FLORIDA

CROSS SECTIONS (MLW)				DRAWING NO.
BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY				5315.24
DRAWN BY	CHECKED BY	FIELD TECH	DATE	DATE OF SURVEY
LFP	JRM	MLC	CONR	10/29/14
				SHEET NO. OF 11



CROSS SECTIONS (MILW)



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8748 US HIGHWAY #1
P.O. BOX 701420
MIAMI, FL 33176
PHONE (772) 385-5254
FAX (772) 385-3155

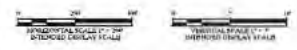
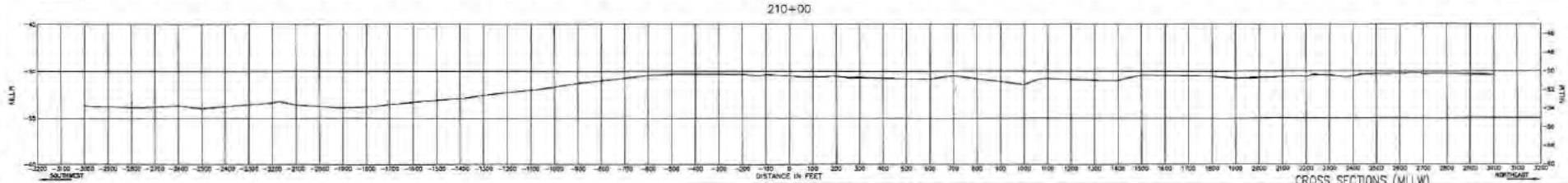
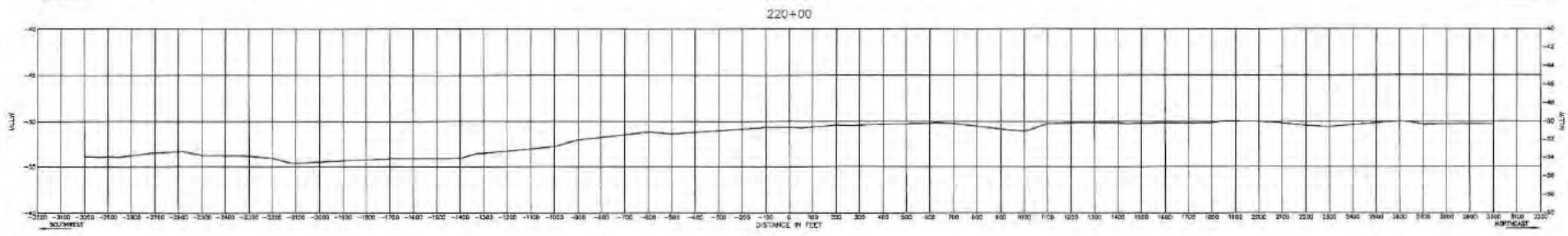
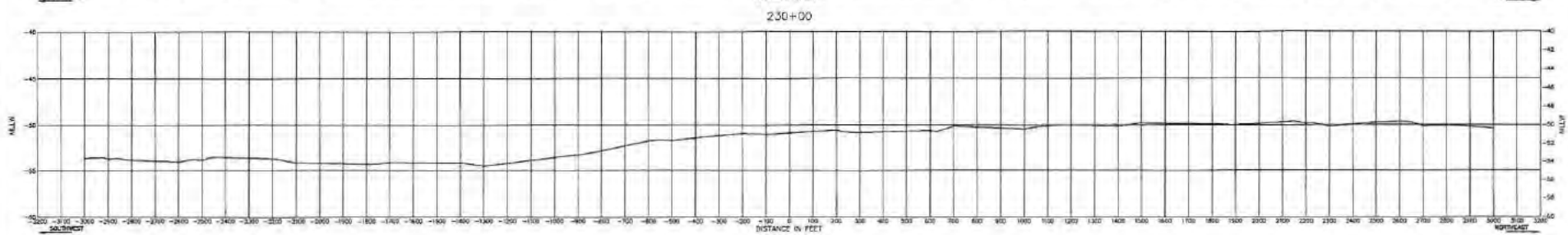
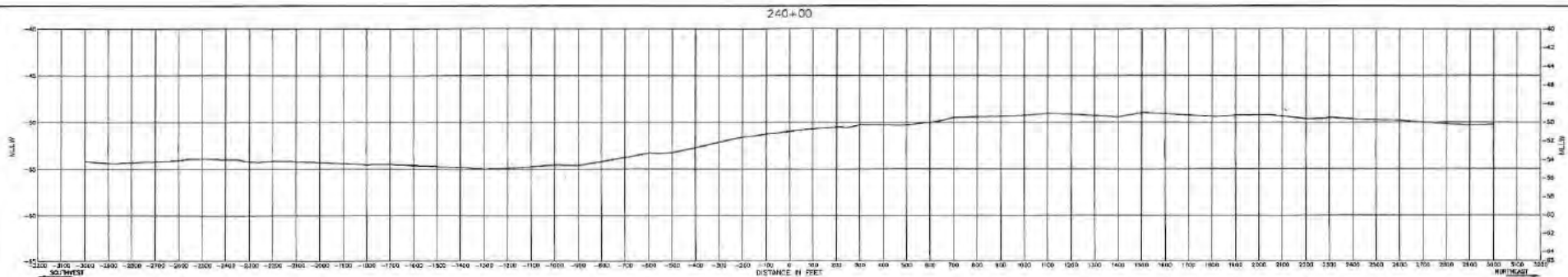
1150 SW 1ST WAY
DEERFIELD BEACH, FL 33441
PHONE (304) 421-8882
FAX (304) 421-9425

JOHN S. MORGAN, P.E.
REGISTERED PROFESSIONAL ENGINEER

LB #4298

STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS A TRUE AND CORRECT STATEMENT OF THE FACTS AS KNOWN BY ME OR AS DERIVED FROM THE RECORDS OF THE PROJECT AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA. I HAVE REVIEWED THE INFORMATION CONTAINED HEREIN AND I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, INCLUDING BUT NOT LIMITED TO, THE ACCURACY, COMPLETENESS, OR SUITABILITY OF THE INFORMATION FOR ANY PURPOSE. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, INCLUDING BUT NOT LIMITED TO, THE ACCURACY, COMPLETENESS, OR SUITABILITY OF THE INFORMATION FOR ANY PURPOSE.

BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY				PROJECT NO. 5315.24
				SCALE AS SHOWN
				DATE 12/17/14
DRAWN BY LFP	CHECKED BY JRM	FIELD BOOK PAGE NO. COVER	DATE OF SURVEY 10/29/14	SHEET 8 OF 11



MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1
 P.O. BOX 701620
 WINDSOR, IL 62570
 PHONE: (772) 398-5254
 FAX: (772) 398-3100
 LB #4208

1105 SW 1ST HWY
 DEERFIELD BEACH, FL 33441
 PHONE: (561) 421-0502
 FAX: (561) 421-0428

STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS AN ACCURATE AND TRUTHFUL REPRESENTATION OF THE DATA AND RESULTS OF THE SURVEY AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA. I HAVE REVIEWED THE DATA AND RESULTS OF THE SURVEY AND I HAVE FOUND THEM TO BE CORRECT AND COMPLETE. I HAVE ALSO REVIEWED THE DATA AND RESULTS OF THE SURVEY AND I HAVE FOUND THEM TO BE CORRECT AND COMPLETE. I HAVE ALSO REVIEWED THE DATA AND RESULTS OF THE SURVEY AND I HAVE FOUND THEM TO BE CORRECT AND COMPLETE.

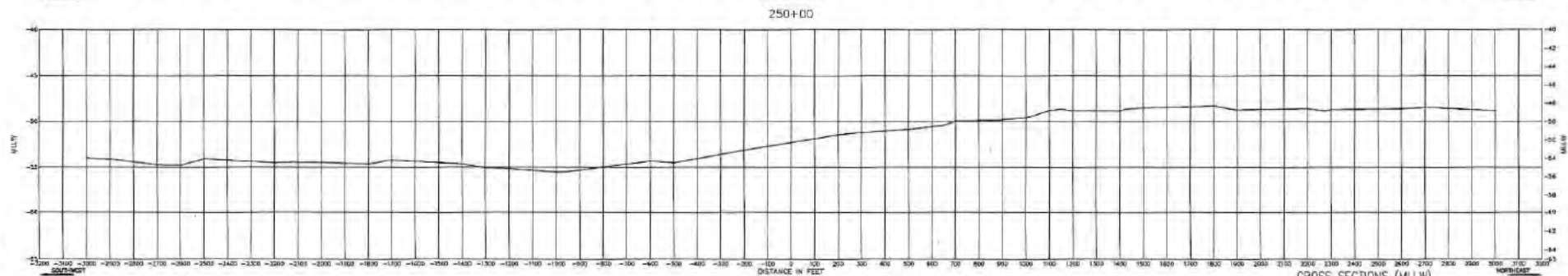
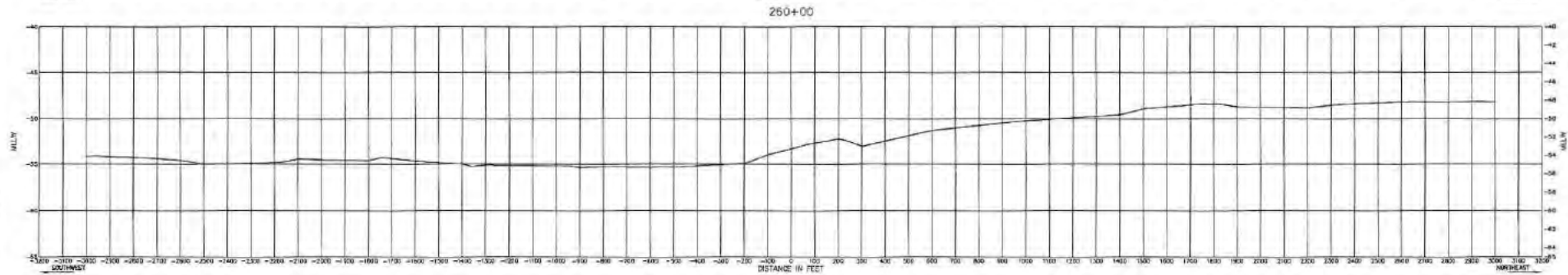
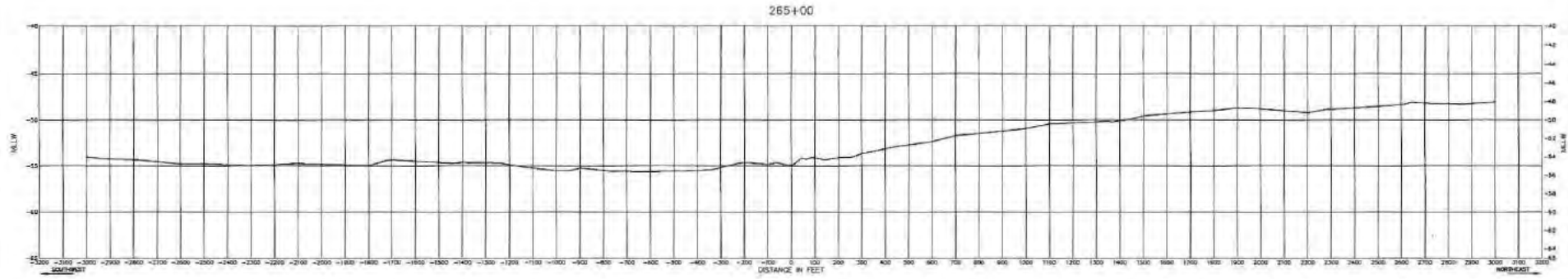
JOHN R. MORGAN, J. III
 PROFESSIONAL SURVEYOR
 STATE OF FLORIDA

CROSS SECTIONS (MLW)

BATHYMETRIC AND SIDESCAN SONAR SURVEY
 REEF SITE, SEBASTIAN INLET
 - FOR -
 INDIAN RIVER COUNTY

DESIGNED BY	FIELD BOOK	DATE	DATE OF SURVEY	DRAWN BY
LFP	JRM	10/28/14	12/17/14	JRM

PROJECT NO. S315.24
 SHEET AS SHOWN
 SHEET 9 OF 11



CROSS SECTIONS (MLW)



MORGAN & EKLUND, INC.
 PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #4
 P.O. BOX 701420
 WINDSOR, FL 32870
 PHONE (772) 289-5264
 FAX (772) 289-3165
 LB #4298

1195 SW 1ST WAY
 DEERFIELD BEACH, FL 33441
 PHONE (561) 421-6982
 FAX (561) 421-0425

STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS A TRUE AND CORRECT STATEMENT OF THE FACTS AS KNOWN BY ME AND MY FIRM, AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY OF ANY KIND, AND I AM NOT PROVIDING ANY INSURANCE COVERAGE FOR THE WORK PERFORMED BY ME OR MY FIRM.

JOHN E. MORGAN, PLS
 PROFESSIONAL LAND SURVEYOR #2008
 STATE OF FLORIDA

BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY				DRAWING NO. 5315.24 POINT AS SHOWN DATE 12/17/14
DRAWN BY LFP	CHECKED BY JRM	FIELD BOOK PAGE NO. COVER	DATE OF SURVEY 10/29/14	SHEET 10 OF 11

Sebastian Artificial Reef Site Side-Scan Survey

Introduction

SONOGRAPHICS, INC. and Morgan & Eklund have completed an underwater survey of two artificial reef sites offshore of Sebastian, Florida. This report describes the equipment used, the methods implemented and the results obtained.

A. Equipment Used

The side-scan system was the Edgetech dual frequency (100 kHz and 600 kHz) shipy side-scan sonar. The model used was the 4200. The side-scan sonar is capable of producing wide images of the bottom with the resolution to display small objects if they are exposed and not completely buried. The limitations of the side-scan sonar are that it cannot penetrate the bottom and detect a buried object.

B. SURVEY METHODS

On October 20, 2014 a survey vessel provided by Morgan & Eklund was mobilized with the Side-Scan Sonar and Trimble DGPS Navigation System. The Navigation computer with Hypack Navigation Software was installed to interface the DGPS and output towfish coordinates to the Side-scan computer laptop. The Navigation computer was loaded with preprogrammed survey lines spaced at staggered intervals of 100 feet and 300 feet every other line respectively through the length of the survey area and provided closed guidance to the towfisherman for navigation of each line. The DGPS system received differential corrections from the nearest Coast Guard Beacon and was able to provide WGS 84 differential positions to the Navigation computer.


The Side-Scan towfish was deployed from the side of the vessel with 85 feet of cable out. The offset distances from the DGPS antenna to the cable tow-point were measured and entered into the Hypack program along with the deployed cable length. The layback and offset was calculated by the Navigation software using a true-cable algorithm, enabling towfish coordinates to be sent to the Sonar computer in real time.

C. DATA PROCESSING

The Side-scan data was recorded in the native EdgeTech (.ed) format on the hard drive in the Sonar computer. The .ed files were read by the Chesapeake SonarWright program and after self-corrections and navigation speed/drift, image files were created for the construction of the sonar mosaic. The grid used for the mosaic was WGS 84 State Plane Coordinate System, East Zone, North American Datum of 1983 (NAD83) in U. S. survey feet. The sonar mosaics were exported as Geo-TIF files. Each individual sonar line was examined for possible features.

A. RESULTS

The side-scan survey revealed sand ripples and fish holes on the seafloor throughout the survey area, however, no significant features were detected.

MORGAN & EKLUND, INC.		SURVEY REPORT				
 <p>2745 US HIGHWAY #1 P.O. BOX 701400 MIAMI, FL 33270 PHONE: (772) 388-5294 FAX: (772) 388-3180</p>	<p>1129 SW 1ST WAY DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6302 FAX: (954) 421-6425</p>	<p>BATHYMETRIC AND SIDESCAN SONAR SURVEY REEF SITE, SEBASTIAN INLET - FOR - INDIAN RIVER COUNTY</p>				<p>CHARTER NO. 5315.24</p>
		<p>PROFESSIONAL SURVEY CONSULTANTS</p>				<p>DATE 12/17/14</p>
<p>STATEMENT OF WORK - I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF FLORIDA AND THAT I AM NOT PROVIDING ANY SERVICES OR OPINIONS TO ANY PARTY OTHER THAN THE PARTY OR PARTIES SPECIFICALLY IDENTIFIED IN THIS CONTRACT. I AM NOT PROVIDING ANY SERVICES OR OPINIONS TO ANY PARTY OTHER THAN THE PARTY OR PARTIES SPECIFICALLY IDENTIFIED IN THIS CONTRACT.</p>		<p>CREATED BY JFM</p>	<p>FIELD WORK JFM</p>	<p>DATE OF SURVEY 10/29/14</p>	<p>DATE OF REPORT 12/17/14</p>	
<p>JOHN E. MORGAN, P. ENG. PROFESSIONAL SURVEYOR #200 2011</p>		<p>DESIGNED BY JFM</p>	<p>FIELD WORK JFM</p>	<p>DATE OF SURVEY 10/29/14</p>	<p>DATE OF REPORT 12/17/14</p>	