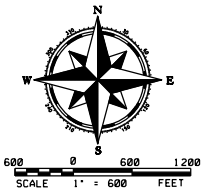
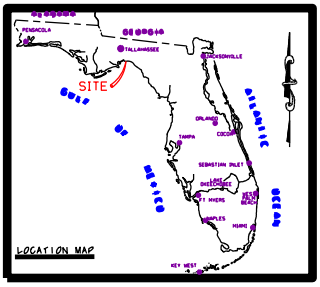
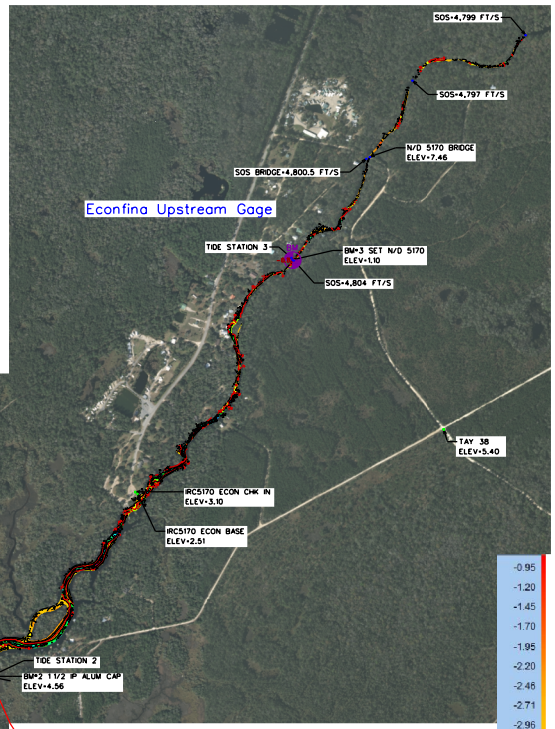
BATHYMETRIC SURVEY OF THE ECONFINA RIVER

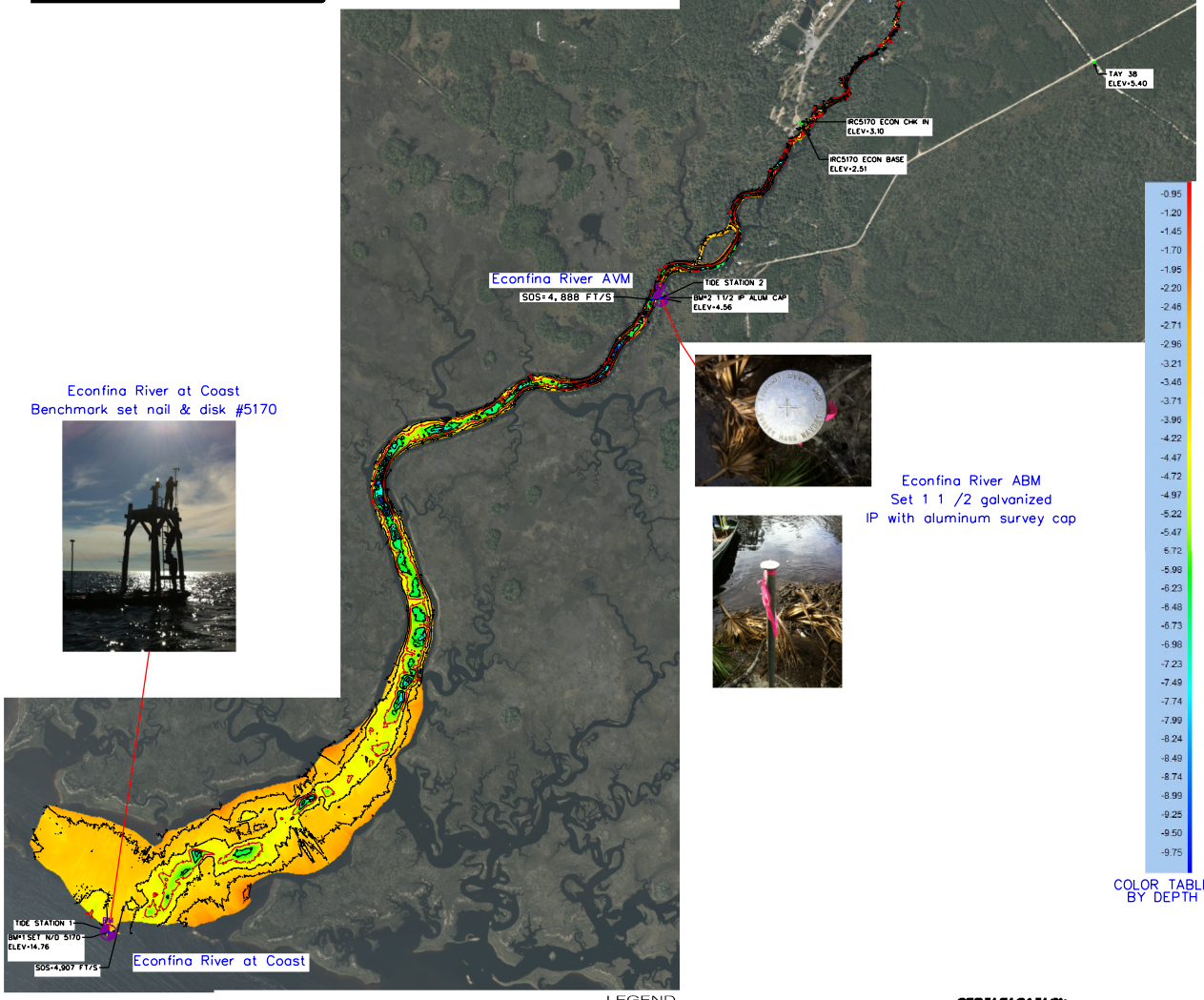
NOTES:

1. FIELD WORK WAS COMPLETED ON DECEMBER 17, 2014.
2. ALL ELEVATIONS SHOWN ARE IN FEET AND ARE BASED UPON NAVD '88 DATUM.
3. HORIZONTAL CONTROL IS BASED UPON NAD '83 DATUM, ZONE 903 NORTH.
4. THIS SURVEY IS A TRUE AND CORRECT REPRESENTATION OF THE LAND AS SHOWN AND NOTED AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.
5. NOT VALID WITHOUT THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
6. THE ELEVATIONS SHOWN HEREON WERE DERIVED FROM DATA UTILIZING A 200 KHZ TRANSDUCER WITH AN INTEGRATED 12 CHANNEL RTK GPS SYSTEM AND POST PROCESSED WITH HYPACK SOFTWARE. THE 200 KHZ TRANSDUCER WILL RETURN UPON THE FIRST NON-LIQUID MATERIAL IT HITS. THEREFORE, A HARDER BOTTOM MAY EXIST BELOW THE SOUNDINGS SHOWN IN AREAS OF HIGH MUCK AND SILT. ACCURACY IS +/- 0.10 FEET.









Econfina River at Coast
Benchmark set nail & disk #5170

Econfina River ABM
Set 1 1 /2 galvanized
IP with aluminum survey cap

CONTROL CHART				
MONUMENT		NORTHING NAD '83	EASTING NAD '83	ELEVATION NAVD '88
BM1	N/D 5170 TIDE STA 1	376939.5988	2148871.6741	14.76'
BM2	1 1/2 IP ALUM CAP	383742.8501	2154798.2137	4.56'
BM3	N/D 5170	388003.9134	2157901.7902	1.10'

LEGEND

BM	BENCHMARK
ELEV	ELEVATION
N/D	NAIL & DISK
CL	CENTERLINE
IR	IRON ROD
IRC	IRON ROD & CAP
SOS	SPEED OF SOUND
IP	IRON PIPE

CERTIFICATION

I, TIM R. CARLILE, FLORIDA REGISTERED SURVEYOR NUMBER 5170, DO HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED UNDER MY DIRECTION AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 5J-17) FOR THE TYPE OF SURVEY SHOWN HEREON AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

12-23-14
DATE

TIM R. CARLILE P.L.S.
FLORIDA P.L.S. 5170
(NOT VALID UNLESS SEALED)

SHEET: 1 OF 2
JOB NUMBER: 2014-045
FILE NAME: ECONFINA

LAND & SEA SURVEYING CONSULTANTS, INC.
LAND BUSINESS #6447
PHONE: 321-454-6318
FAX: 321-454-6998
E-MAIL: TC5170@AOL.COM
1605 CHASE HAMMOCK RD.
MERRITT ISLAND, FL 32953
WWW.LAND-AND-SEA-SURVEYING.COM

SURVEY FOR: ECONFINA RIVER WMD

BATHYMETRIC SURVEY OF ECONFINA RIVER

REVISIONS	BY	DATE

SCALE 1" = 600'
DATE 12-23-14