



Addendum 2

Issue Date: **January 23, 2019**

Project Name: **Sebastian Harbor Preserve Boardwalk Design and Construction**

Bid Number: **2019028**

Bid Opening Date: **January 31, 2019 at 2:00 p.m.**

This addendum is being released to answer questions received to date. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

Attachments:

Sebastian Harbor Preserve Boundary Survey
Sebastian Harbor Preserve Certified

Questions and Answers

1. Will a FDEP permit be required?
No.
2. Will a USACE permit be required?
No.
3. Has the county started a permit application for the USACE or FDEP permits for this project?
All required environmental permits have been received.
4. Are there any existing surveys of the Preserve available for contractor review prior to the bid due date?
See attached.
5. Can the Proposal Pricing sheet be revised, not understanding the N/A called out in the pricing sheet? Please clarify?
The N/A refers to the fact that labor (such as site survey and mobilization) does not have a unit price. Unit prices are applied to material costs.
6. Can the county provide an Excel file of the Proposal Pricing sheet?
No.

*******This Addendum must be acknowledged by return of this page with your Proposal*******

Company Name _____

Name: _____ **Title:** _____
(Type / Printed)

Authorized Signature: _____ **Date:** _____

Telephone: _____ **Email:** _____

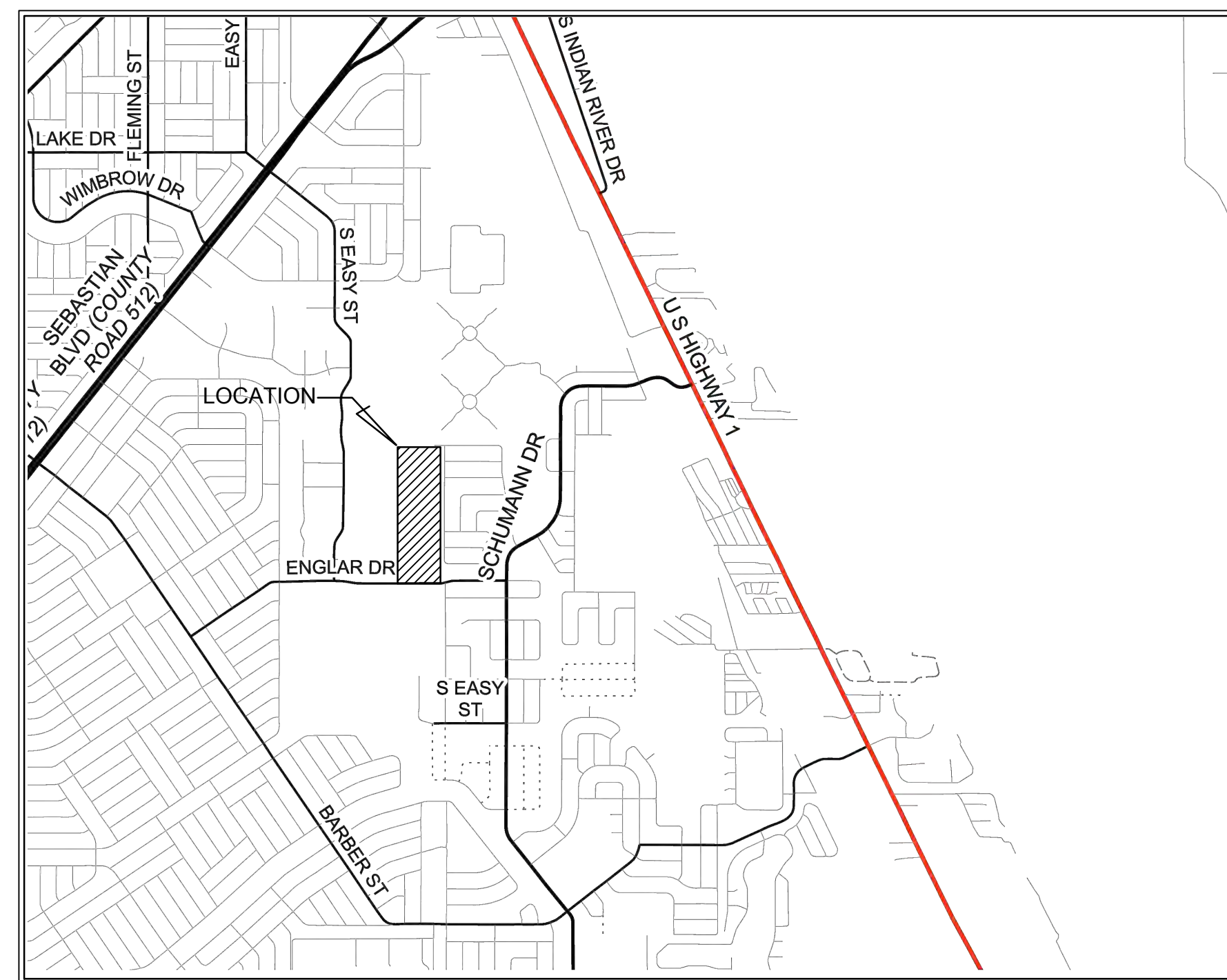


Boundary Survey For: Indian River County Engineering Division Survey Section



SURVEYOR'S NOTES:

- This survey is not valid without the signature and original raised seal of a Florida Licensed Professional Surveyor and Mapper.
- The bearings shown hereon are based on the 1983 North American Datum, 2011 adjustment, and projected in the Florida State Plane Coordinate System, East Zone. This survey was tied to the Florida Permanent Reference Network (FPRN) (Maintained by the Florida Department of Transportation Survey Department) deriving a grid bearing of S00°09'24"W along the East line of the East One-Half of the Southwest 1/4 of Section 18, Township 31 South, Range 39 East, and all others are relative thereto.
- Only above ground appurtenances and visible utilities shown hereon have been located. Underground improvements such as utilities and foundations were not located.
- This Survey was prepared without the benefit of a title policy. Therefore there may be Easements, Restrictions and/or Reservations not shown hereon, but found in the Public Records.
- The Right of Way for Englar Drive was established using the Plat of Sebastian Highlands Unit -16 as recorded in Plat Book 8, Page 45-45J, Public Records of Indian River County, Florida.
- Symbols shown hereon depict the horizontal position of that specific improvement. The symbols (for graphical purpose) are not drawn to scale.
- The field work for this survey was completed by Indian River County Personnel on the date of June 13, 2018.
- This Survey meets and/or exceeds the accuracy requirements per Chapter 5J-17, Florida Administrative Code.
- The measurements for this survey were made utilizing conventional and real time kinematic Surveying methods with the following equipment: Leica Viva Global Positioning System, Topcon GTS 500 Robotic Total Station with Magnet Software.
- All distances shown hereon are expressed in U.S. Survey feet.
- Sheet's 1 and 2 of this map are intended to be displayed at a scale of 1"=100' or smaller.
- The subject property appears to contain Wetland's that were not located.
- The subject property lies in shaded Flood Zone "X" (areas of 0.2% annual chance flood) and Flood Zone "A" (special Flood Hazard Areas subject to Indundation by the 1% annual chance Flood-no base Flood Elevation determined) as shown on the Federal Emergency Management Agency Flood Insurance Rate Map; Panel 111 of 390, map No. 12061C0113H, both maps revised: December 4, 2012.
- The subject parcel is a wooded Lot. No trees were located.



LOCATION MAP

SYMBOLS AND ABBREVIATIONS:

- | | |
|---------------------------------|--|
| A/C=AIR CONDITIONER | I.R.F.W.C.D.=INDIAN RIVER FARMS WATER CONTROL DISTRICT |
| C.B.S.=CONCRETE BLOCK STRUCTURE | L=ARC LENGTH |
| C/L=CENTERLINE | (M)=FIELD MEASURED |
| C.M.=CONCRETE MONUMENT | O.R.B.=OFFICIAL RECORDS BOOK |
| CONC=CONCRETE | O/S=OFFSET |
| COR.=CORNER | (P)=PLATTED COURSE |
| (D)=COURSE PER DEED | P.B.=PLAT BOOK |
| DWY=DRIVEWAY | P.B.S.=ST. LUCIE COUNTY PLAT BOOK |
| E/P=EDGE OF PAVEMENT | P.O.B.=POINT OF BEGINNING |
| ESMT=EASEMENT | P.O.C.=POINT OF COMMENCEMENT |
| (F)=FIELD MEASURED COURSE | P.S.M.=PROFESSIONAL SURVEYOR AND MAPPER |
| FNC=FENCE | P.U.=PUBLIC UTILITY |
| FND=FOUND | PVC=POLYVINYL CHLORIDE |
| H/W=HEADWALL | R=RADIUS |
| I.P.=IRON PIPE | R/W=RIGHT OF WAY |
| I.R.=IRON ROD | SWK=SIDEWALK |
| I.R.&C.=IRON ROD AND CAP | |
| Δ=DELTA ANGLE | |
-
- | | |
|-------|-------------------------|
| ▬ | = ASPHALT SURFACE |
| — A — | = AERIAL UTILITY LINE |
| — W — | = WATER LINE |
| ⊗ | = WOOD UTILITY POLE |
| ⊠ | = CONCRETE UTILITY POLE |
| ▲ | = WATER METER |
| ⊙ | = WELL |
| ⊖ | = POLE ANCHOR |

LEGAL DESCRIPTION PER O.R.B. 2176, PG. 1829

A Parcel of land lying in the East 1/2 of the Northwest 1/4 and in the East 1/2 of the Southwest 1/4 of Section 18, Township 31 South, Range 39 east, being a portion of the Lands as described on O.R. Book 1562, Page 2898, of the Public Records of Indian River County, Florida; said subject parcel being more fully described as follows:

BEGIN at the Northeast corner of said East 1/2 of the Northwest 1/4 as shown on the Plat of "Laurel/Reserve", said plat recorded in Plat Book 17 at Pages 45 through 50, inclusive of said Public Records; Thence South 00 degrees 09 minutes 25 seconds West, along the East line of said East 1/2 of the Northwest 1/4 as established by said plat, a distance of 2653.51 feet to the Southwest corner of said plat as monumented by a four (4) inch square concrete monument stamped "PRM LB 205" being the Northeast corner of the said East 1/2 of the Southwest 1/4 per said plat and also being the Northwest corner of Block 559 of the plat of "Sebastian Highlands Unit-16", said plat being recorded in Plat Book 8 at pages 45 through 45J, inclusive, of said Public Records; Thence South 00 degrees 04 minutes 29 seconds West, along the East line of said East 1/2 of the Southwest 1/4 as established by said plat of Unit-16 and along the West line of said plat of Unit-16, a distance of 1309.17 feet to Point "A"; Thence continue South 00 degrees 04 minutes 29 seconds West, along said East line of the East 1/2 of the Southwest 1/4 and along the West line of said plat of Unit-16, a distance of 1379.39 feet to the Southeast corner of said East 1/2 of the Southwest 1/4; Thence North 89 degrees 52 minutes 00 seconds West, along the South line of said East 1/2 of the Southwest 1/4, also being the North line of the 80.00 foot wide Public Right of Way of Englar Avenue per said plat of Unit-16, a distance of 1326.94 feet to the Southwest corner of said East 1/2 of the Southwest 1/4 per said plat of Unit-16; Thence departing said South line and North right of way line, North 00 degrees 04 minutes 23 seconds East, along the West line of said East 1/2 of the Southwest 1/4 as established by said plat of Unit-16, also being the East line of an existing public drainage right of way which lies Easterly of Blocks 532, 523, 522 and 517 of said plat of Unit-16, a distance of 0.13 feet to an existing four (4) inch square, unstamped concrete monument; Thence continue North 00 degrees 04 minutes 23 seconds East, along said West line of the East 1/2 of the Southwest 1/4 and said East of the public drainage Right of Way, a distance of 2672.54 feet to the Southwest corner of said East 1/2 of the Northwest 1/4 as established by said plat of Unit-16; Thence North 00 degrees 04 minutes 31 seconds East, along the West line of said East 1/2 of the Northwest 1/4 as established by said plat of Unit-16, also being said East line of the Public Drainage Right of Way, a distance of 2653.59 feet to the Northeast corner of the Plat of "Collier Creek Estates, Phase One", said plat being a partial re-plot of said Unit-16 and being recorded in Plat Book 15 AT Page 11 of said Public Records, as monumented by a four inch square concrete monument stamped "P.L.S. #3435"; Thence Continue North 00 degrees 04 minutes 31 seconds East, along said East and West lines, a distance of 3.83 feet to the Northwest corner of said East 1/2 of the Northwest 1/4, also being the Northeast corner of said Plat of Unit-16; Thence North 89 degrees 37 minutes 02 seconds East, along the North line of said East 1/2 of the Northwest 1/4, a distance of 1330.82 feet to the POINT OF BEGINNING.

Containing 162.68 Acres (7,086,643 Square Feet±) Survey / 162.67 Acres (7,085,897 Square Feet±) Deed

CERTIFICATION

(NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER)

I HEREBY CERTIFY THAT THE BOUNDARY SURVEY SHOWN HEREON WAS COMPLETED UNDER MY DIRECTION AND SAID BOUNDARY SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

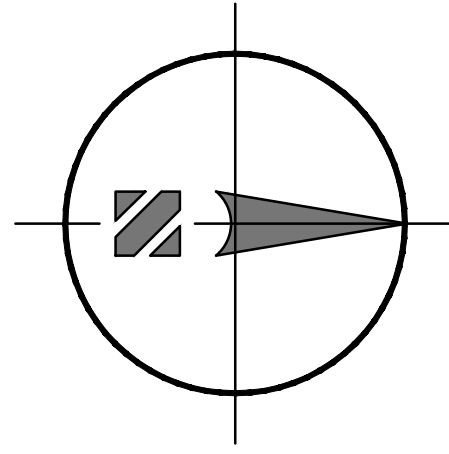
I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE REQUIREMENTS FOR THE STANDARDS OF PRACTICE, AS ESTABLISHED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATE STATUTES.

DATE OF SIGNATURE

DAVID M. SILON
INDIAN RIVER ASSISTANT COUNTY SURVEYOR
FLORIDA CERTIFICATE NO. 6139

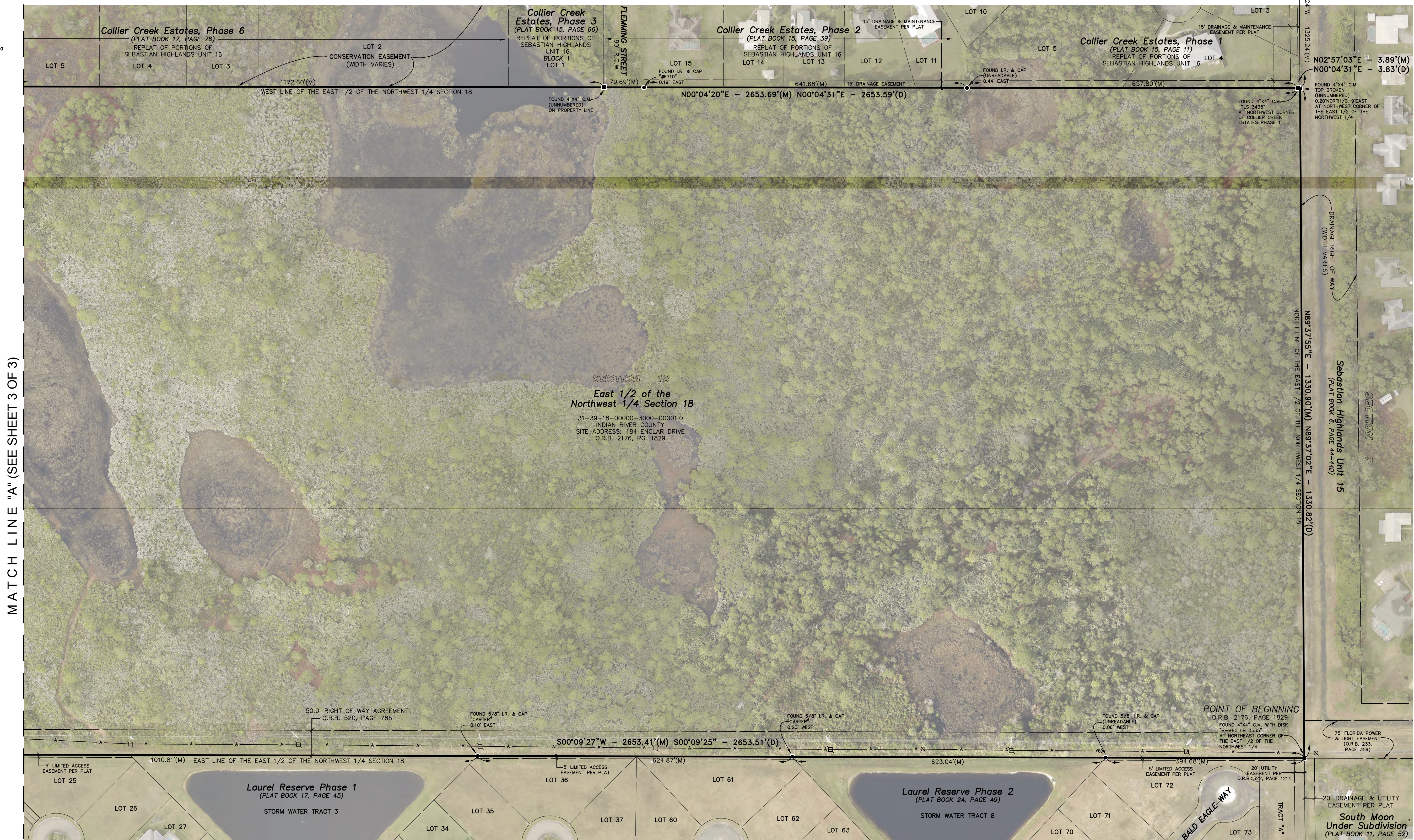
NO.	REVISION	DATE	BY	INDIAN RIVER COUNTY 1801 27TH STREET VERO BEACH, FL 32960 (772) 567-8000	DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	DESIGNED BY: DRAWN BY: R. INGLETT APPROVED BY: D. SILON	SECTION: 18 TOWNSHIP: T31S RANGE: R39E	FIELD BOOK: BLANCHARD 149/151 PAGE: 69-78/71-72	DATE: 6/14/2018 PROJECT NUMBER: 1813	Sebastian Harbor Preserve Sec 18, Township 31 South, Range 39 East Boundary Survey	SHEET OF 1 3
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Boundary Survey For: Indian River County Engineering Division Survey Section




GRAPHIC SCALE
 (IN FEET)
 1 inch = 100 ft.

TOWNSHIP 31 SOUTH, RANGE 38 EAST
 TOWNSHIP 31 SOUTH, RANGE 39 EAST

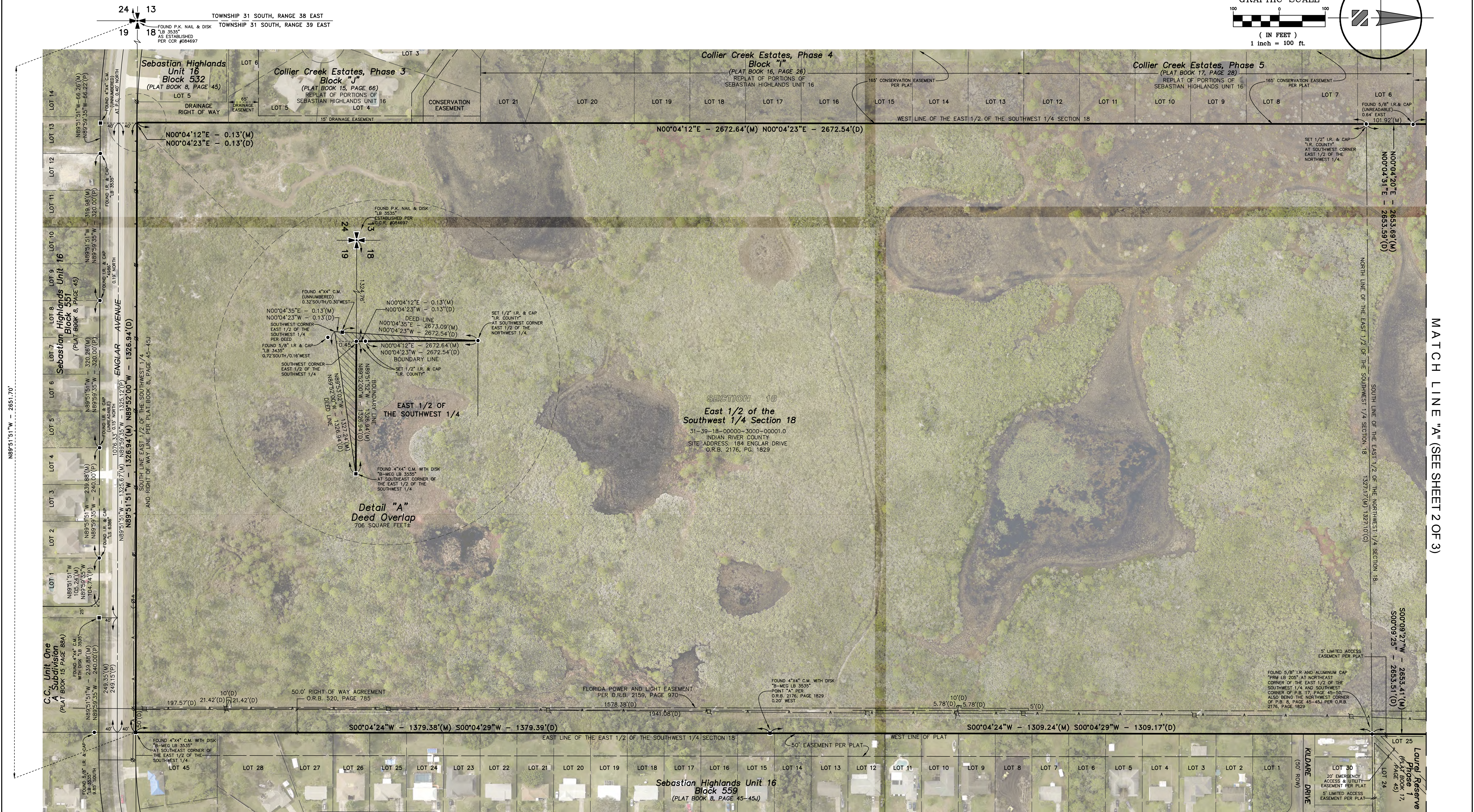
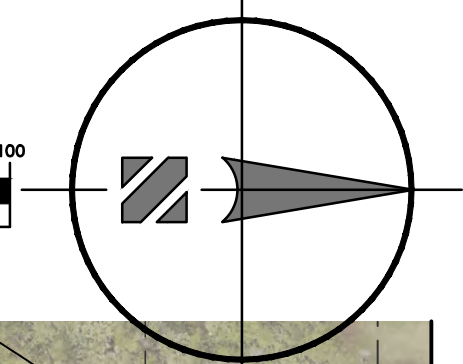
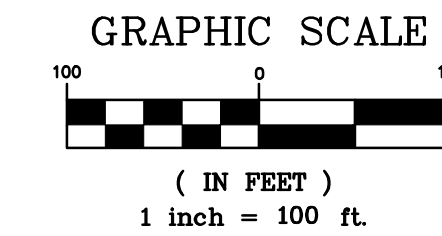


MATCH LINE "A" (SEE SHEET 3 OF 3)

SECTION 18
 East 1/2 of the
 Northwest 1/4 Section 18
 31-39-18-00000-3000-00001.0
 INDIAN RIVER COUNTY
 SITE ADDRESS: 184 ENGLER DRIVE
 O.R.B. 2176, PG. 1829

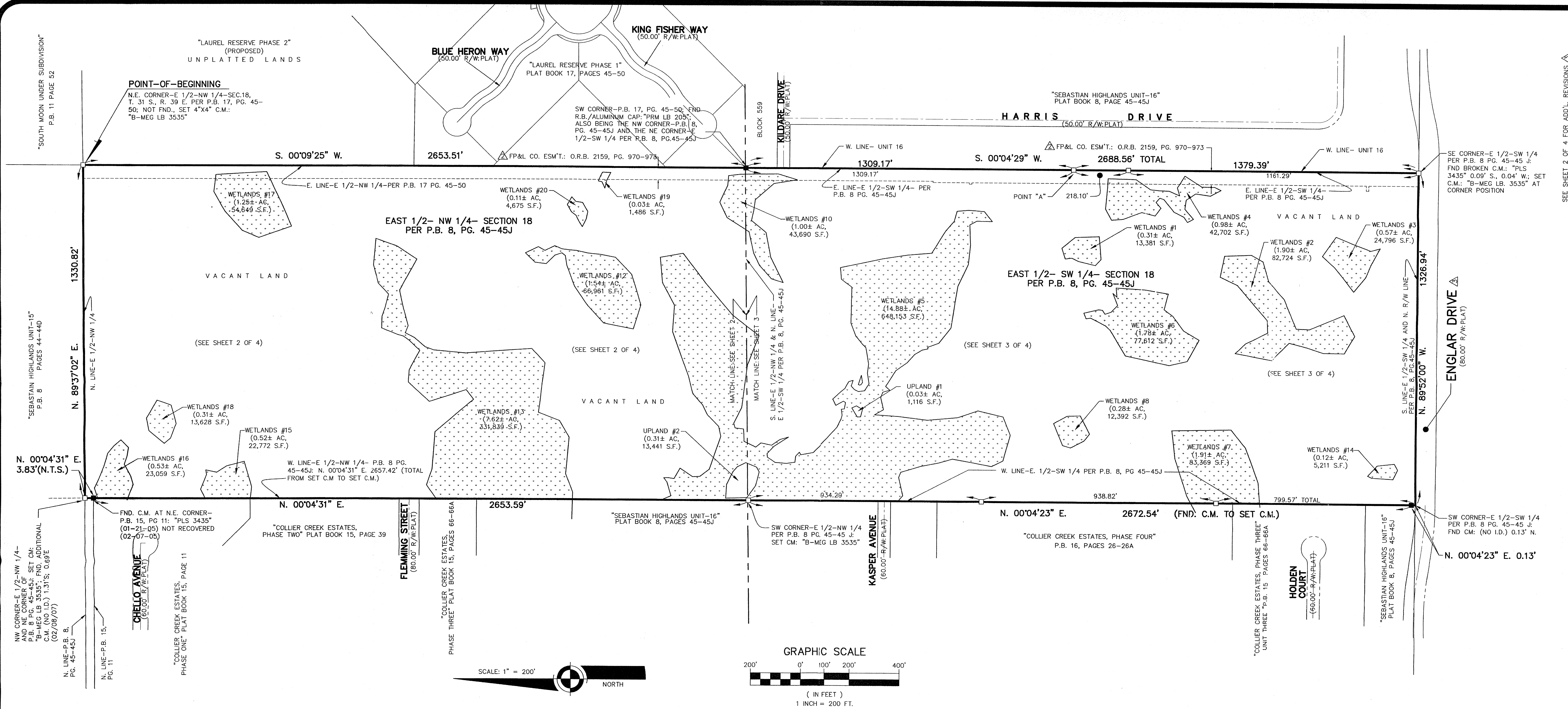
NO.	REVISION	DATE	BY	INDIAN RIVER COUNTY 1801 27TH STREET VERO BEACH, FL 32960 (772) 567-8000	 DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	DESIGNED BY:	SECTION: 18	FIELD BOOK:	DATE:	Sebastian Harbor Preserve Sec 18, Township 31 South, Range 39 East Boundary Survey	SHEET
						DRAWN BY: R. INGLETT	TOWNSHIP: T31S	BLANCHARD 149/151	6/14/2018		2
						APPROVED BY: D. SILON	RANGE: R39E	PAGE: 69-78/71-72	PROJECT NUMBER: 1813		OF 3

Boundary Survey For: Indian River County Engineering Division Survey Section



NO.	REVISION	DATE	BY	INDIAN RIVER COUNTY 1801 27TH STREET VERO BEACH, FL 32960 (772) 567-8000	INDIAN RIVER COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	DESIGNED BY: DRAWN BY: R. INGLETT APPROVED BY: D. SILON	SECTION: 18 TOWNSHIP: T31S RANGE: R39E	FIELD BOOK: BLANCHARD 149/151 PAGE: 69-78/71-72	DATE: 6/14/2018 PROJECT NUMBER: 1813	Sebastian Harbor Preserve Sec 18, Township 31 South, Range 39 East Boundary Survey	SHEET OF 3 3
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Sebastian River Harbor Certified Wetland Survey



DESCRIPTION AS FURNISHED: EXHIBIT "A" OF COMMITMENT FOR TITLE INSURANCE ISSUED BY COMMONWEALTH LAND TITLE INSURANCE CO. (ORDER NO. 50304233CA; REVISION H)

A parcel of land lying in the East 1/2 of the Northwest 1/4 and in the East 1/2 of the Southwest 1/4 of Section 18, Township 31 South, Range 39 East, being a portion of the lands as described in O.R. Book 1562, Page 2898, of the Public Records of Indian River County, Florida; said subject parcel being more fully described as follows:

Begin at the Northeast corner of said East 1/2 of the Northwest 1/4 as shown on the plat of "Laurel Reserve", said plat being recorded in Plat Book 17 at Pages 45 through 50, inclusive of said Public Records; thence South 00 degrees 09 minutes 25 seconds West, along the East line of said East 1/2 of the Northwest 1/4 as established by said plat, a distance of 2653.51 feet to the Southwest corner of said plot as monumented by a four (4) inch square concrete monument stamped "PRM LB 205" being the Northeast corner of the said East 1/2 of the Southwest 1/4 per said plat and also being the Northwest corner of Block 559 of the plat of "Sebastian Highlands Unit-16", said plat being recorded in Plat Book 8 at Pages 45 through 45J, inclusive, of said Public Records; thence South 00 degrees 04 minutes 29 seconds West, along the East line of said East 1/2 of the Southwest 1/4 as established by said plat of Unit-16 and along the West line of said plot of Unit-16, a distance of 1309.17 feet Point "A"; thence continue South 00 degrees 04 minutes 29 seconds West, along said East line of the Southwest 1/4 and along the West line of said plot of Unit-16, a distance of 1379.39 feet to the Southeast corner of said East 1/2 of the Southwest 1/4; thence North 89 degrees 52 minutes 00 seconds West, along the South line of said East 1/2 of the Southwest 1/4; thence North 89 degrees 52 minutes 00 seconds West, along the South line of said East 1/2 of the Southwest 1/4; thence North 89 degrees 52 minutes 00 seconds West, along the South line of said East 1/2 of the Southwest 1/4 as established by said plat of Unit-16, a distance of 1326.94 feet to the Southwest corner of said East 1/2 of the Southwest 1/4 per said plat of Unit-16; thence departing said South line and North right of way line, North 00 degrees 04 minutes 23 seconds East, along the West line of said East 1/2 of the Southwest 1/4 as established by said plat of Unit-16, also being the East line of an existing public drainage right of way which lies Easterly of Blocks 532, 523, 522 and 517 of said plot of Unit-16, a distance of 0.13 feet to an existing four (4) inch square, unstamp concrete monument; thence continue North 00 degrees 04 minutes 23 seconds East, along said West line of the East 1/2 of the Southwest 1/4 and said East of the public drainage right of way, a distance of 2672.54 feet to the Southwest corner of said East 1/2 of the Northwest 1/4 as established by said plat of Unit-16; thence North 00 degrees 04 minutes 31 seconds East, along the West line of said East 1/2 of the Northwest 1/4 as established by said plat of Unit-16, also being said East line of the public drainage right of way, a distance of 2653.59 feet to the Northeast corner of the plat of "Collier Creek Estates, Phase One", said plat being a partial replat of said Unit-16 and being recorded in Plat Book 15 at Page 11 of said Public Records, as monumented by a four (4) inch square concrete monument stamped "P.L.S. #3435"; thence continue North 00 degrees 04 minutes 31 seconds East, along said West and East lines, a distance of 3.83 feet to the Northwest corner of said East 1/2 of the Northwest 1/4, also being the Northeast corner of said plot of Unit-16; thence North 89 degrees 52 minutes 02 seconds East, along the North line of said East 1/2 of the Northwest 1/4, a distance of 1330.82 feet to the POINT OF BEGINNING.

NOTES:

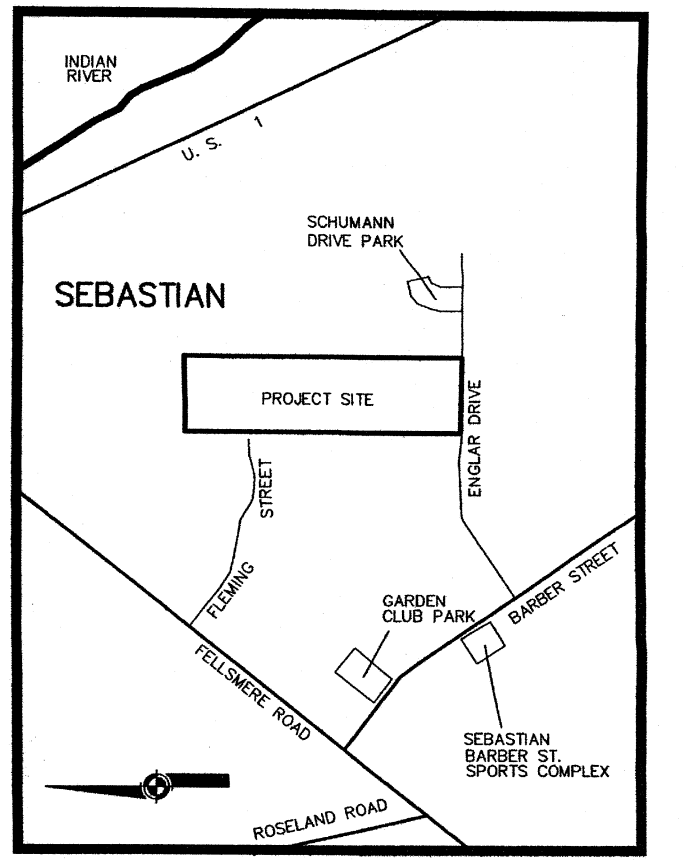
- Bearings based on the east line of the East 1/2 of the Southwest 1/4 of Section 18, Township 31 South, Range 39 East being "S. 00°04'29" W.", an assumed bearing.
- Date of field survey: March 07, 2007.
- Underground improvements (foundations, septic tanks, utility pipes, etc.) if any, not located at time of survey.
- This survey does not warrant title.
- Pursuant to Title Commitment referenced herein the F.P.L. Easement as recorded in O.R. Book 2159, Pages 970-973 is as shown hereon. No other easements were provided to the Surveyor.
- Wetland limits depicted hereon are based on their field flagging by the Client's Environmental Consultant and as field located by Bussen-Mayer Engineering Group, Inc.; last date of wetland field locations of Sept. 06, 2005. (Note: No Wetland No. 9 or No. 11 were marked or identified).
- Coordinate shown on Sheets 2 and 3 of 4 are for the sole purpose of providing the spatial relationship between the boundary lines of the subject parcel and the wetland parcels. Said coordinates are based on an assumed datum of 5000.00 Northing and 5000.00 Easting at the Southeast corner of the subject parcel.
- Except for the wetlands and eagle's nest as depicted hereon, the Surveyor has not inspected the subject parcel for the possibility of hazardous waste, endangered species habitat or any other environmental issues, if any.
- Subject Parcel area tabulations:
 A. Total Parcel area: 162.67 acres/7,085,897 square feet.
 B. Total Wetland area: 35.32 acres/1,538,542 square feet.
 C. Total Non-Wetland area: 127.35 acres/5,547,355 square feet.
- See Sheet 4 of 4 for the individual wetland parcel bearings and distances, elevations and areas.
- See Sheets 2 and 3 of 4 for additional boundary information.
- Elevations shown hereon (Sheet 4 of 4) are based on National Geodetic Vertical Datum of 1929 per the "Spot Benchmarks" provided by the Client (See Sheets 2 and 3 of 4) to provide continuity with the project topographic survey prepared by others.
- The description of the subject parcel shown hereon is as set forth in Exhibit "A" of the Commitment for Title Insurance Company, Order No. 50304233CA, Revision H, as provided by the Client. However, title to the subject parcel was obtained by the Client by two deeds, O.R. Book 1827, Page 2488 and O.R. Book 1886, Page 2447 of the Indian River County Public Records. The Surveyor has reviewed said two deeds and affirms that said Exhibit "A" and the summation of said two deeds described the same parcel of land.
- This map of survey and the field survey on which it is based meets or exceeds a relative error of closure of 1:10,000 as required for "Commercial/High Risk" parcels as set forth in Chapter 61G17-6.003 (3)(p)(2)(b) Florida Administrative Code.

- This survey was prepared for the exclusive use of the parties listed below; copies are valid only when bearing the Surveyor's original signature and embossed seal.
- Certified for the exclusive use of:
INDIAN RIVER COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA;
ROBERT D. SCHWARTZ, P.A.;
COMMONWEALTH LAND TITLE INSURANCE COMPANY;
LINCOLN LAND DEVELOPMENT, L.L.C.;
FLORIDA COMMUNITIES TRUST.
- This survey meets or exceeds the "Survey Requirements" as set forth in Exhibit "C" as established by the Florida Communities Trust, last revised November 2004.

LEGEND:

B-MEG	BUSSEN-MAYER ENGINEERING GROUP
LB	LICENSED BUSINESS
PLS	PROFESSIONAL LAND SURVEYOR
PRM	PERMANENT REFERENCE MONUMENT
FND	FOUND
CM	CONCRETE MONUMENT
RB/C	REBAR/CAP
P.B.	PLAT BOOK
O.R.B.	OFFICIAL RECORDS BOOK
PG.	PAGE
ESMT	EASEMENT
R/W	RIGHT-OF-WAY
N.T.S.	NOT TO SCALE
E.O.P.	EDGE OF PAVEMENT
T.O.B.	TOP OF BANK
C.M.P.	CORRUGATED METAL PIPE
Δ	RADIUS
∠	CENTRAL ANGLE
L	LENGTH
C.B.	CHORD BEARING
CH	CHORD
(N.R.)	NOT RADIAL
(TYP.)	TYPICAL
(M.)	DISTANCE PER PLAT
(P.)	DISTANCE PER SURVEY
(S)	FENCE(SIZE/TYP. AS NOTED)
—	UTILITY POLE/GUY WIRE
—	OVERHEAD UTILITY LINE(S)
—	WETLAND FLAG/NUMBER
—	LINE TABLE NUMBER
—	WETLAND AREA
—	CENTERLINE

VICINITY MAP



SEE SHEET 2 OF 4 FOR ADD'L. REVISIONS

05/08/07	SHEET 1: REVISE NOTE 8 AND GRAPHICS TO REFLECT NEW P.F.L. CO. ESMT PER ORB 2159, PG. 970-973; REV. 1
	TITLE DATE NOTE 13, SHEETS 1,2&3: REVISE GRAPHICS AND POLE DIMENSIONS PER NEW P.F.L. CO. ESMT: PER ORB 2159, PG. 970-973
03/07/07	SHEET 3: REV. CONC. POLE TO WOOD POLE @ S.E. COR. ADD NEW BARACADE @ S.LINE; ADDITIONAL DIRT ROAD LOCATION AT LOTS 1-6,16,26-28 & 45; AND ADD POLE GUY WIRES @ LOTS 9 & 28
	DATE

Sec.: 18
Twp.: 31 South
Rng.: 39 East
Design by: N/A
Drawn by: JLQ/RKB
Checked by: MPC

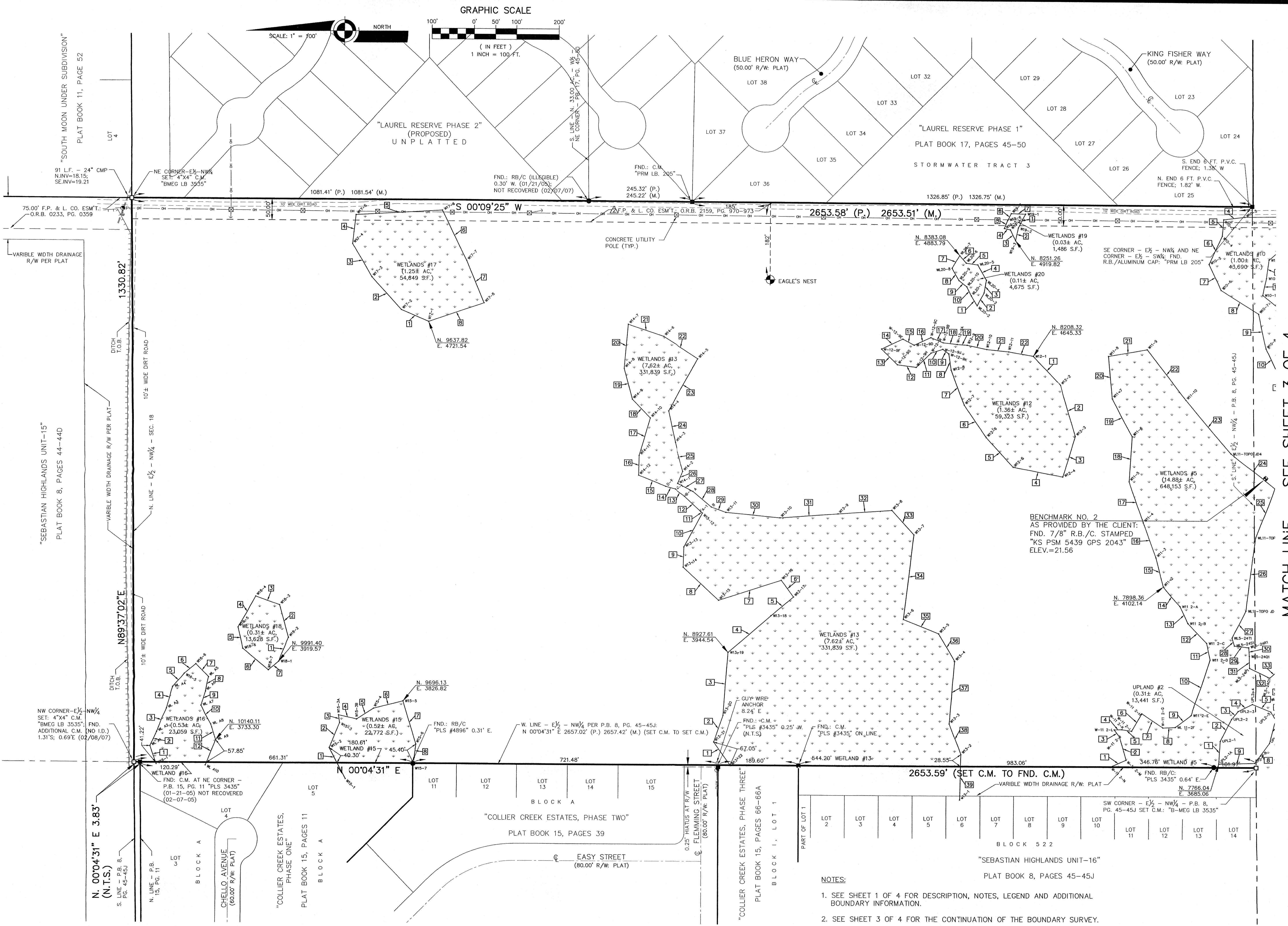
I hereby certify that the survey shown hereon is true and correct to the best of my knowledge and belief, as performed under my direction and supervision, and that I am a duly Licensed Professional Land Surveyor in the State of Florida. This survey was prepared in accordance with the technical standards set forth by the Florida Board of Professional Land Surveyors in Chapter 61G17-6 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

William J. Macaulay
 JUN 11 2007
 DATE
 FLORIDA SURVEYORS' CERTIFICATE NO. 3555
 BUSSEN-MAYER ENGINEERING CERTIFICATE NO. 3555

FORTE MACAULAY DEVELOPMENT CONSULTANTS, INC.
 Florida
 Indian River County

Bussen - Mayer Engineering Group, Inc.
 100 PARKVIEW STREET • MERRITT ISLAND, FLORIDA 32953
 PH. NO.: (882) 463-0010 • FAX NO.: (882) 464-6886

Date: FEB 12, 2007
Scale: 1" = 200'
Proj. No.: 347002-F
Sheet No. 1 of 4



- NOTES:**
- SEE SHEET 1 OF 4 FOR DESCRIPTION, NOTES, LEGEND AND ADDITIONAL BOUNDARY INFORMATION.
 - SEE SHEET 3 OF 4 FOR THE CONTINUATION OF THE BOUNDARY SURVEY.
 - SEE SHEET 4 OF 4 FOR WETLAND DATA. (NO WETLAND NO. 9 AND NO. 11).

DATE	REVISIONS
06/11/07	REVISE ENGLAR AVENUE TO ENGLAR DRIVE (SHEETS 1 & 3); DELETE EFFECTIVE TITLE DATE, REPLACE WITH "REVISION 1" AT LEGAL CAPTION AND NOTE #13 (SHEET 1); ADD "FLORIDA COMMUNITES TRUST" TO NOTE #13 (SHEET 1); ADD NOTE #7 (SHEET 1) -R.K.B./M.P.C.

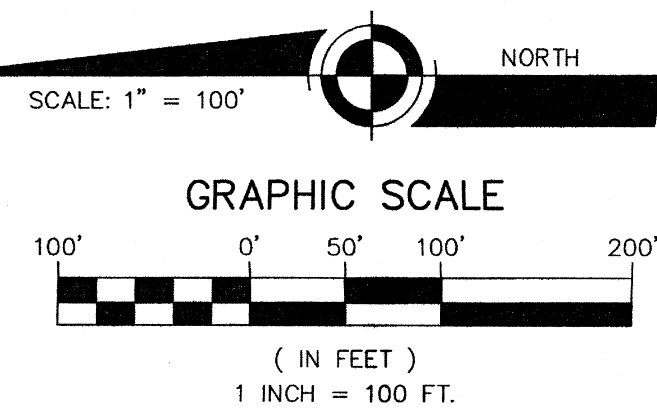
Sec.: 18
 Twp.: 31 South
 Rng.: 39 East
 Design by : N/A
 Drawn by : JLQ/RKB
 Checked by : MPC

CERTIFICATE:
 I hereby certify that the survey shown hereon is true and correct to the best of my knowledge and belief, as performed under my direction and supervision, and that the same was made by me or by a duly qualified and licensed Professional Land Surveyor in accordance with the technical standards set forth by the Florida Board of Professional Land Surveyors in Chapter 61G17-6 of the Florida Administrative Code, pursuant to Section 179.027, Florida Statute.
 Date: JUN 11 2007
 Signature: [Signature]
 License No.: 3555
 Florida Surveyors Certificate No.: 3555
 Bussen - Mayer Engineering Group, Inc.

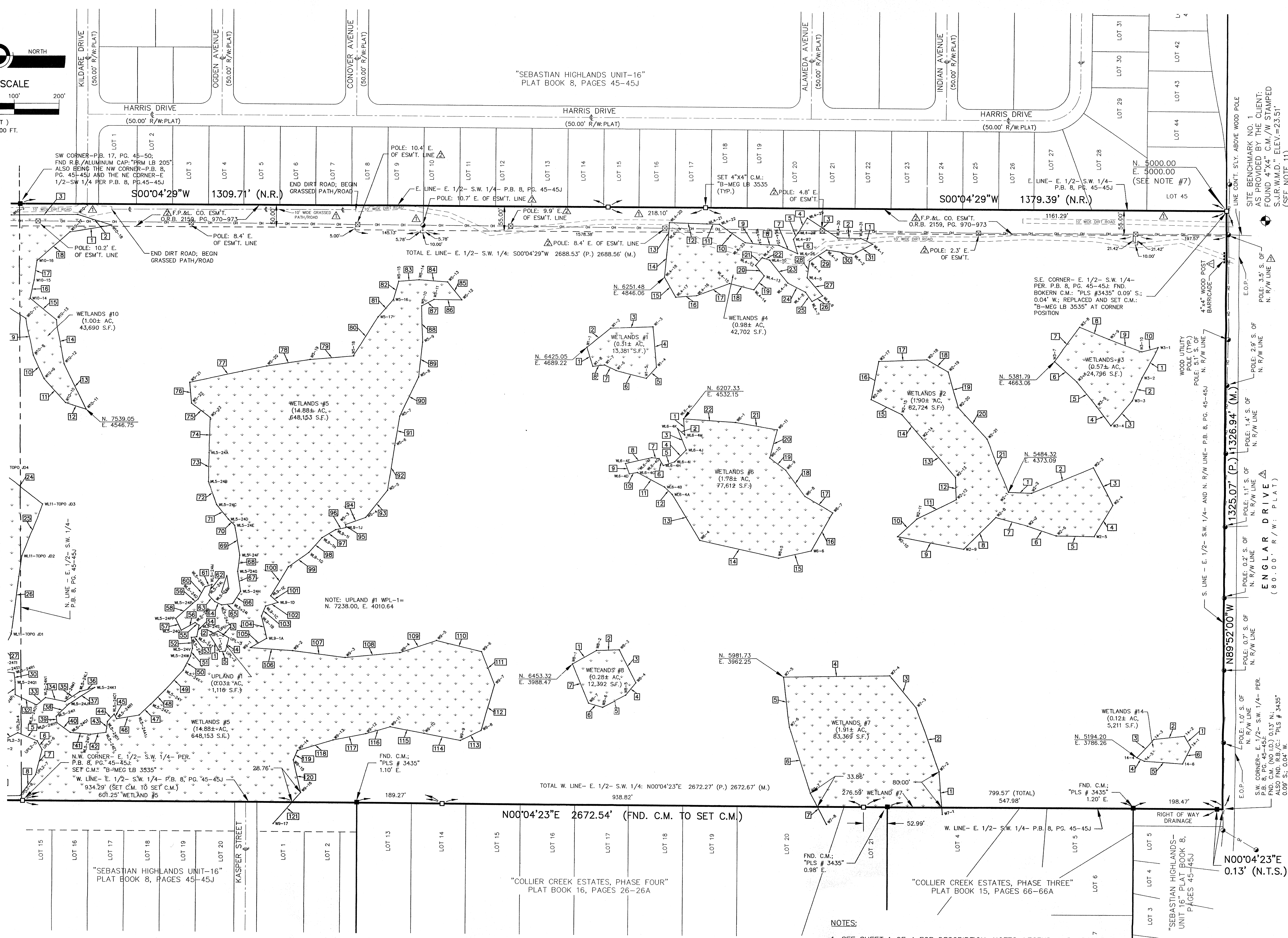
A BOUNDARY SURVEY PREPARED FOR:
FORTE MACAULAY DEVELOPMENT CONSULTANTS, INC.
 Indian River County
 Florida

Bussen - Mayer Engineering Group, Inc.
 100 PARNELL STREET • MERRITT ISLAND, FLORIDA 32953
 PH. NO.: (321) 453-0010 • FAX NO.: (321) 454-6666

Date : FEB 12, 2007
 Scale : 1" = 100'
 Proj. No.: 347002-F
 Sheet No. 2 of 4



MATCH LINE - SEE SHEET 2 OF 4



- NOTES:
- SEE SHEET 1 OF 4 FOR DESCRIPTION, NOTES, LEGEND AND ADDITIONAL BOUNDARY INFORMATION.
 - SEE SHEET 2 OF 4 FOR THE CONTINUATION OF THE BOUNDARY SURVEY.
 - SEE SHEET 4 OF 4 FOR WETLAND DATA. (NO WETLAND NO. 9 AND NO. 11).

DATE	REVISIONS

Sec.: 18
Twp.: 31 South
Rng.: 39 East
Design by: N/A
Drawn by: JLQ/RKB
Checked by: MPC

CERTIFICATE:
I, the undersigned, do hereby certify that the survey shown hereon is true and correct to the best of my belief, as performed under my direction and supervision, and that it meets or exceeds the minimum requirements of the Florida Department of Professional Regulation, Chapter 61G17-6, Florida Administrative Code, pursuant to Section 61G17-6.01(2)(b), Florida Statutes.
Date: JUN 11 2007
Surveyor: [Signature]
Marco Paul Casarella, P.L.S.
BUSEN-MAYER ENGINEERING GROUP, INC.
4762
BUSEN-MAYER ENGINEERING CERTIFICATE NO.: 5892

A BOUNDARY SURVEY PREPARED FOR:
FORTE MACAULAY DEVELOPMENT CONSULTANTS, INC.
Indian River County
Florida

Bussen - Mayer Engineering Group, Inc.
100 PARNELL STREET • MERRITT ISLAND, FLORIDA 32953
PH. NO.: (321) 459-0010 • FAX NO.: (321) 454-6886

Date: FEB 12, 2007
Scale: 1" = 100'
Proj. No.: 347002-F
Sheet No. 3 of 4

Sebastian River Harbor Certified Wetland Survey

WETLAND-1 LINE TABLE

WETLAND-1 ELEV. TABLE

WETLAND-2 LINE TABLE

WETLAND-2 ELEV. TABLE

WETLAND-3 LINE TABLE

WETLAND-3 ELEV. TABLE

WETLAND-4 LINE TABLE

WETLAND-4 ELEV. TABLE

WETLAND-5 LINE TABLE

WETLAND-5 ELEV. TABLE

WETLAND-6 LINE TABLE

WETLAND-7 LINE TABLE

WETLAND-7 ELEV. TABLE

WETLAND-6 LINE TABLE

WETLAND-7 LINE TABLE

WETLAND-8 LINE TABLE

WETLAND-8 ELEV. TABLE

WETLAND-6 ELEV. TABLE

WETLAND-7 LINE TABLE

WETLAND-8 LINE TABLE

WETLAND-8 ELEV. TABLE

WETLAND-13 LINE TABLE

WETLAND-14 LINE TABLE

WETLAND-14 ELEV. TABLE

WETLAND-15 LINE TABLE

WETLAND-15 ELEV. TABLE

WETLAND-13 ELEV. TABLE

WETLAND-14 LINE TABLE

WETLAND-14 ELEV. TABLE

WETLAND-15 LINE TABLE

WETLAND-15 ELEV. TABLE

WETLAND-18 LINE TABLE

WETLAND-19 LINE TABLE

WETLAND-19 ELEV. TABLE

WETLAND-20 LINE TABLE

WETLAND-20 ELEV. TABLE

WETLAND-18 ELEV. TABLE

WETLAND-19 ELEV. TABLE

WETLAND-20 LINE TABLE

WETLAND-20 ELEV. TABLE

CERTIFICATE. I hereby certify that the survey shown herein is true and correct to the best of my knowledge and belief as performed under my direction and supervision...

FORTE MACAULAY DEVELOPMENT CONSULTANTS, INC. Florida Indian River County Bussen - Moyer Engineering Group, Inc.

- NOTES: 1. SEE SHEET 1 OF 4 FOR DESCRIPTION, NOTES, LEGEND AND ADDITIONAL BOUNDARY INFORMATION. 2. SEE SHEETS 2 & 3 OF 4 FOR THE CONTINUATION OF THE BOUNDARY SURVEY.

Date : FEB 12, 2007 Scale : N/A Proj. No.: 347002-F Sheet No. 4 of 4