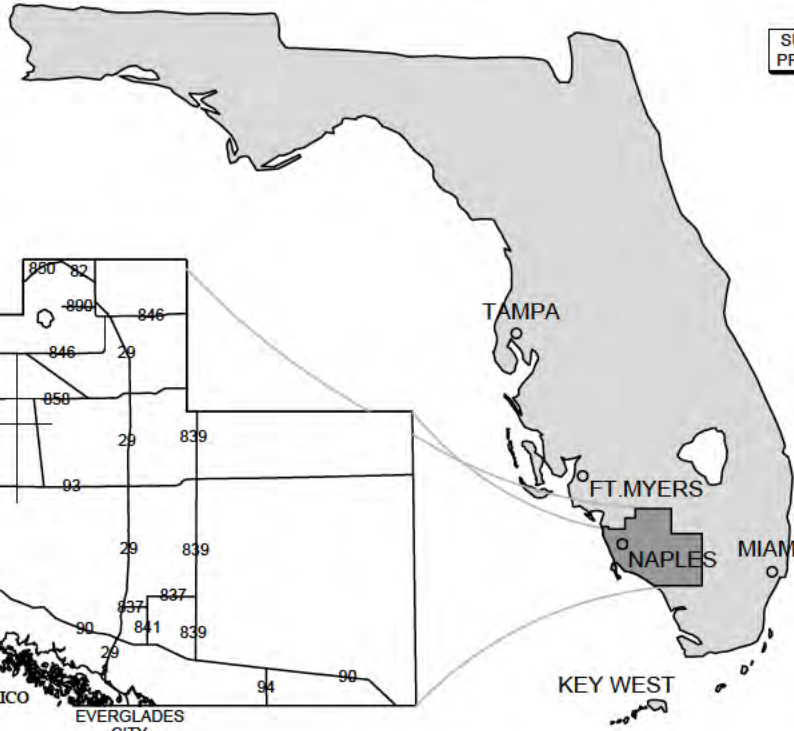
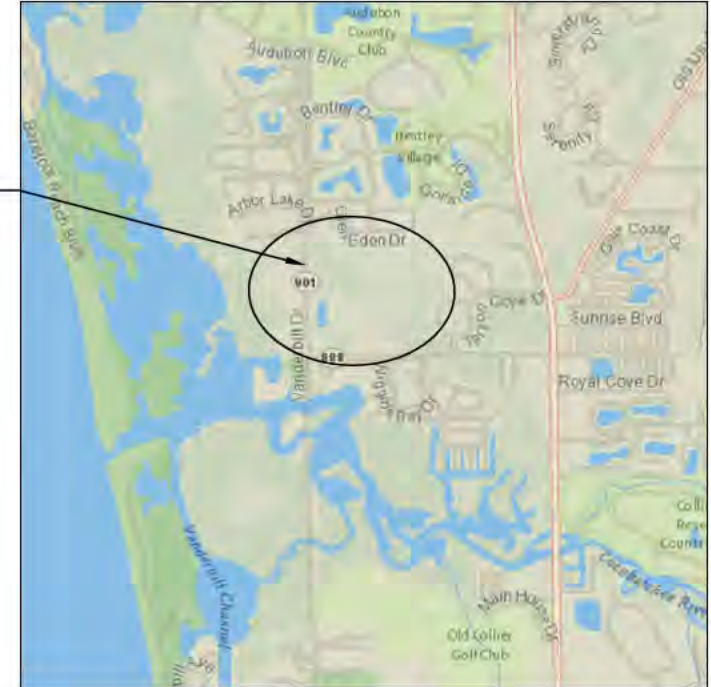


# STATE OF FLORIDA

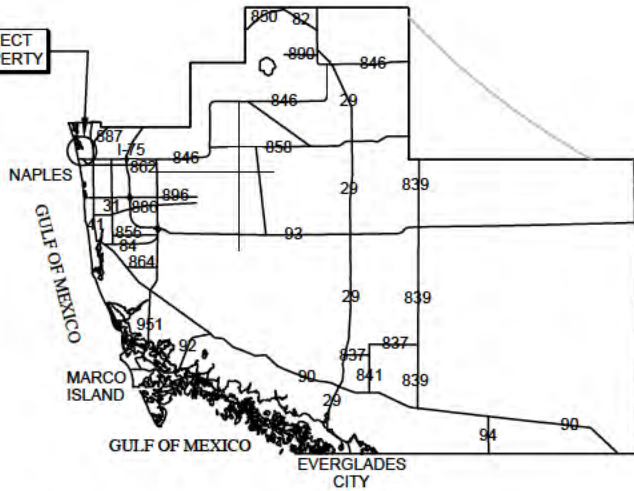


SUBJECT PROPERTY



**VICINITY MAP**

SUBJECT PROPERTY



## COLLIER COUNTY

**SITE ADDRESS:**

◇ 13640 VANDERBILT DR  
NAPLES, FL 34110

**NOTES:**

◇ THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

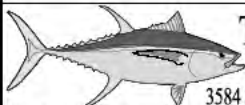
◇ LATITUDE: N .....

◇ LONGITUDE: W .....

SUBJECT PROPERTY



**COUNTY AERIAL**



**Turrell, Hall & Associates, Inc.**  
Marine & Environmental Consulting

3584 Exchange Ave. Suite B. Naples, FL 34104-3732

Email: tuna@turrell-associates.com Phone: (239) 643-0166 Fax: (239) 643-6632

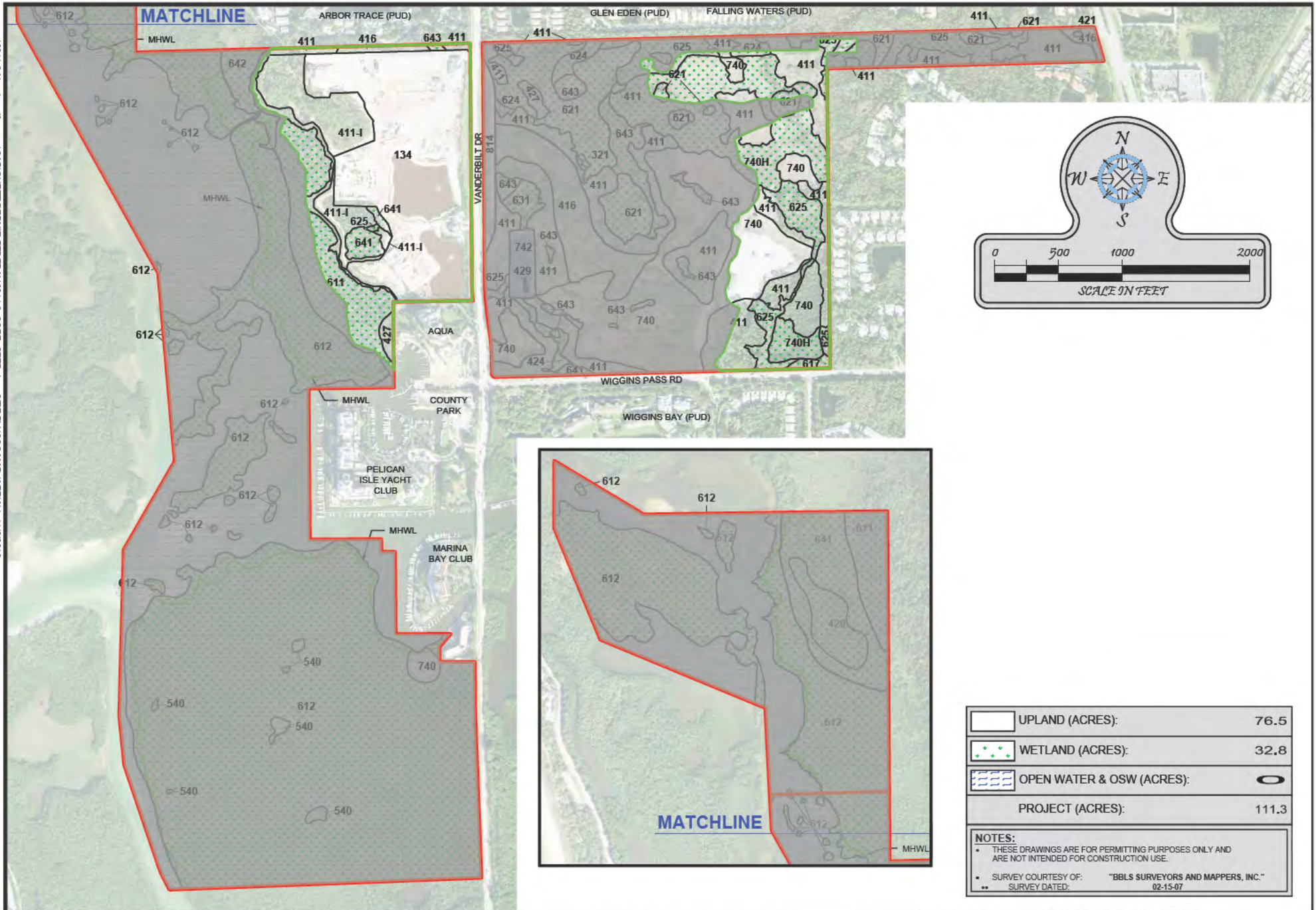
# COCO HATCHEE BAY LOCATION MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY:	DATE	CHK BY:	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9811.9	3.	-	-	-	-
SHEET NO.:	01 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9.knsale.golf.course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg SITE FLUCCS MAP (AERIAL) 11/8/2016



	UPLAND (ACRES):	76.5
	WETLAND (ACRES):	32.8
	OPEN WATER & OSW (ACRES):	0
PROJECT (ACRES):		111.3

**NOTES:**  
 \* THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.  
 \*\* SURVEY COURTESY OF: "BBLS SURVEYORS AND MAPPERS, INC."  
 \*\* SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

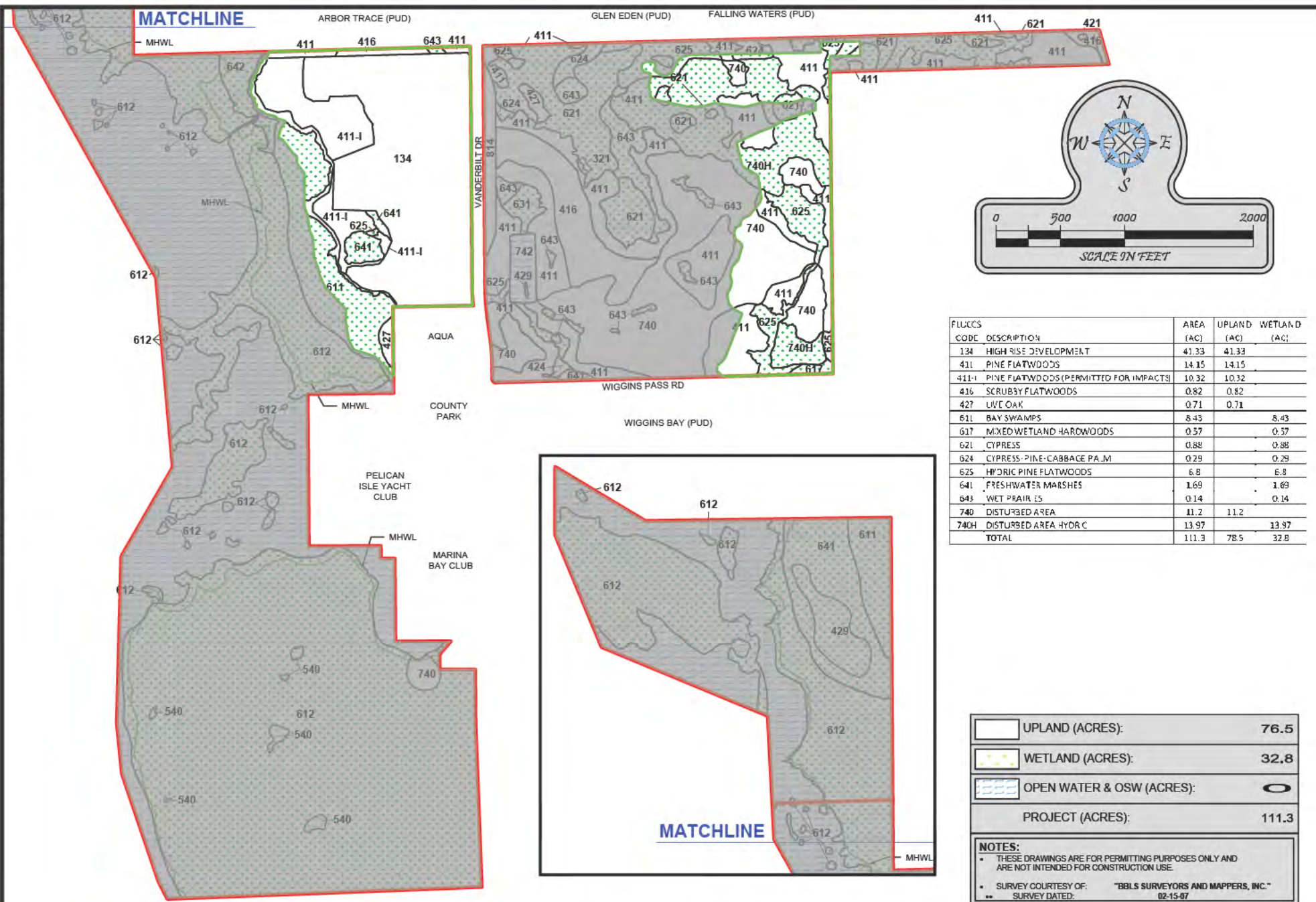
## SITE FLUCCS MAP (AERIAL)

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	02 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9.knsale golf course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg SITE FLUCCS MAP (LINE) 11/8/2016



FLUCCS CODE	DESCRIPTION	AREA (AC)	UPLAND (AC)	WETLAND (AC)
134	HIGH RISE DEVELOPMENT	41.33	41.33	
411	PINE FLATWOODS	14.15	14.15	
411-I	PINE FLATWOODS (PERMITTED FOR IMPACTS)	10.32	10.32	
416	SCRUBBY FLATWOODS	0.82	0.82	
427	LIVE OAK	0.71	0.71	
611	BAY SWAMPS	8.43		8.43
617	MIXED WETLAND HARDWOODS	0.57		0.57
621	CYPRESS	0.88		0.88
624	CYPRESS-PINE-CABBAGE PALM	0.29		0.29
625	HYDRIC PINE FLATWOODS	6.8		6.8
641	FRESHWATER MARSHES	1.69		1.69
643	WET PRAIRIES	0.14		0.14
740	DISTURBED AREA	11.2	11.2	
740H	DISTURBED AREA HYDRIC	13.97		13.97
<b>TOTAL</b>		<b>111.3</b>	<b>78.5</b>	<b>32.8</b>

	UPLAND (ACRES):	<b>76.5</b>
	WETLAND (ACRES):	<b>32.8</b>
	OPEN WATER & OSW (ACRES):	<b>0</b>
<b>PROJECT (ACRES):</b>		<b>111.3</b>

**NOTES:**  
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 \*\* SURVEY COURTESY OF: "BIBLS SURVEYORS AND MAPPERS, INC."  
 \*\*\* SURVEY DATED: 02-15-07

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# COCO HATCHEE BAY

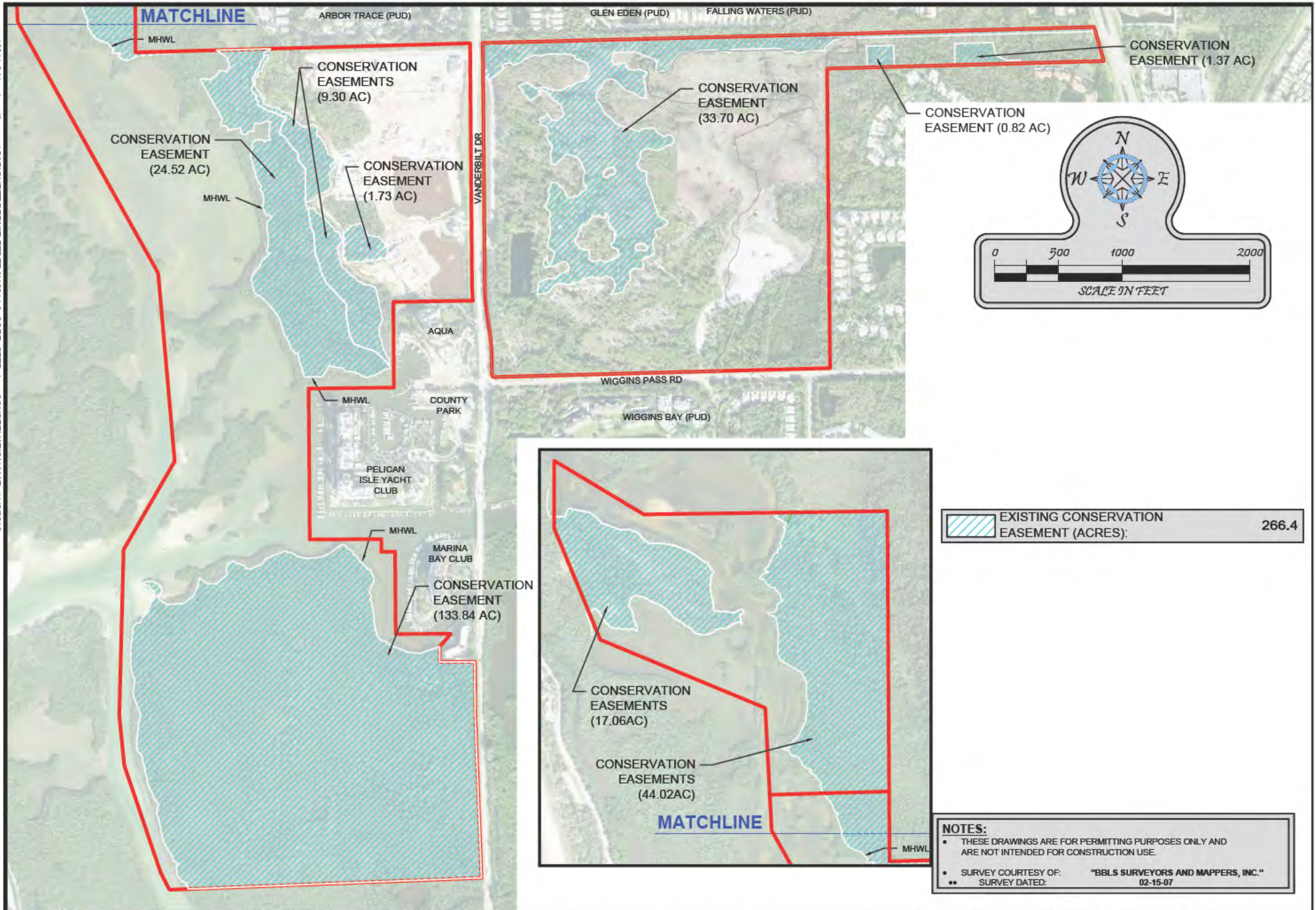
## SITE FLUCCS MAP (LINE)

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	2	-	-	-	-
CREATED:	11-07-16	3	-	-	-	-
JOB NO.:	9911.9	4	-	-	-	-
SHEET NO.:	03 OF 21	5	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

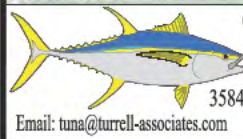
p:\9911\_9.knsale.golf.course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg CONSERVATION MAP 11/8/2016



 EXISTING CONSERVATION EASEMENT (ACRES): 266.4

**NOTES:**

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- SURVEY COURTESY OF: "BBL SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

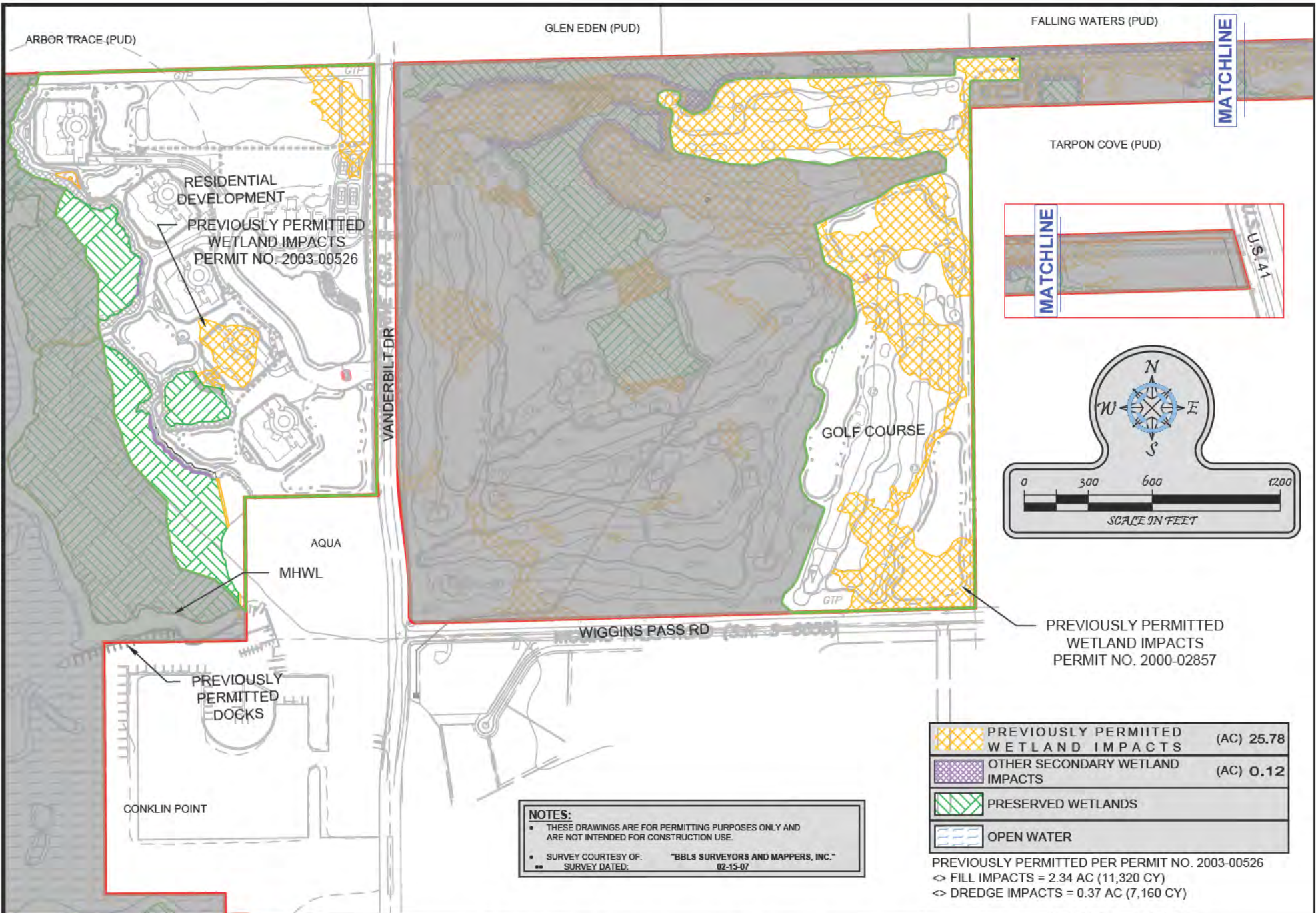
## EXISTING CONSERVATION MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	04 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\19911\_9.kmhale.gdt\course\CAD\SHEET\PERMIT\_FEDERAL\1911\_9\_CORE\_SETB-ORIGINAL.dwg PERMITTED IMPACTS 11/8/2016



PREVIOUSLY PERMITTED WETLAND IMPACTS PERMIT NO. 2000-02857

	PREVIOUSLY PERMITTED WETLAND IMPACTS	(AC) 25.78
	OTHER SECONDARY WETLAND IMPACTS	(AC) 0.12
	PRESERVED WETLANDS	
	OPEN WATER	

PREVIOUSLY PERMITTED PER PERMIT NO. 2003-00526  
 <> FILL IMPACTS = 2.34 AC (11,320 CY)  
 <> DREDGE IMPACTS = 0.37 AC (7,160 CY)

**NOTES:**  
 • THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.  
 • SURVEY COURTESY OF: "BBL SURVEYORS AND MAPPERS, INC."  
 • SURVEY DATED: 02-15-07

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# COCOHATCHEE BAY

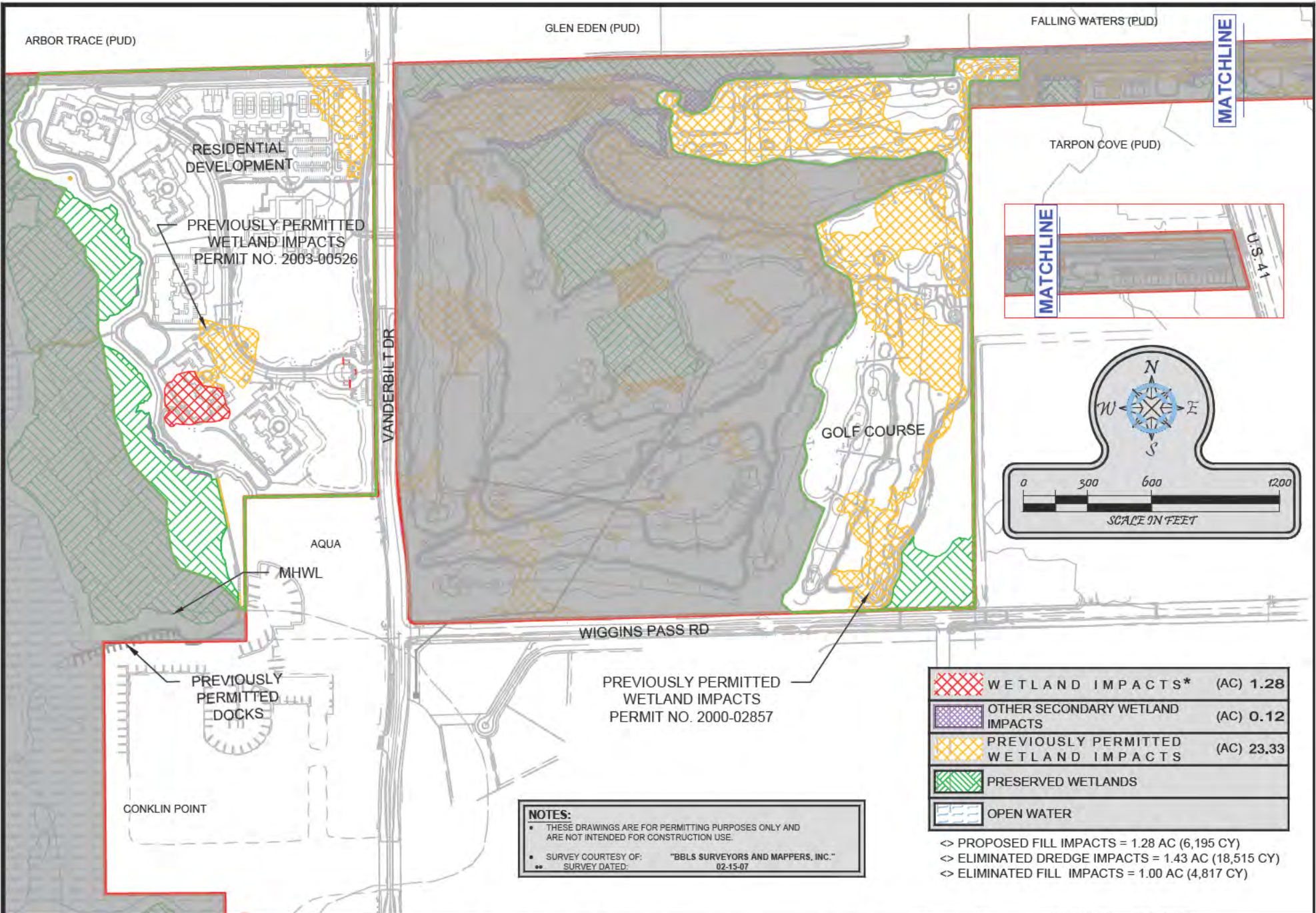
## PREVIOUSLY PERMITTED IMPACTS MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	5-02-13	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	05 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION - 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

P:\9911\_9\_Kissalee Golf Course\CADDISHEE\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg IMPACTS MAP 11/8/2016



PREVIOUSLY PERMITTED WETLAND IMPACTS PERMIT NO. 2003-00526

PREVIOUSLY PERMITTED WETLAND IMPACTS PERMIT NO. 2000-02857

**NOTES:**  
 \* THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.  
 • SURVEY COURTESY OF: "BBL SURVEYORS AND MAPPERS, INC."  
 \*\* SURVEY DATED: 02-15-07

	WETLAND IMPACTS*	(AC) 1.28
	OTHER SECONDARY WETLAND IMPACTS	(AC) 0.12
	PREVIOUSLY PERMITTED WETLAND IMPACTS	(AC) 23.33
	PRESERVED WETLANDS	
	OPEN WATER	

<> PROPOSED FILL IMPACTS = 1.28 AC (6,195 CY)  
 <> ELIMINATED DREDGE IMPACTS = 1.43 AC (18,515 CY)  
 <> ELIMINATED FILL IMPACTS = 1.00 AC (4,817 CY)



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# COCO HATCHEE BAY

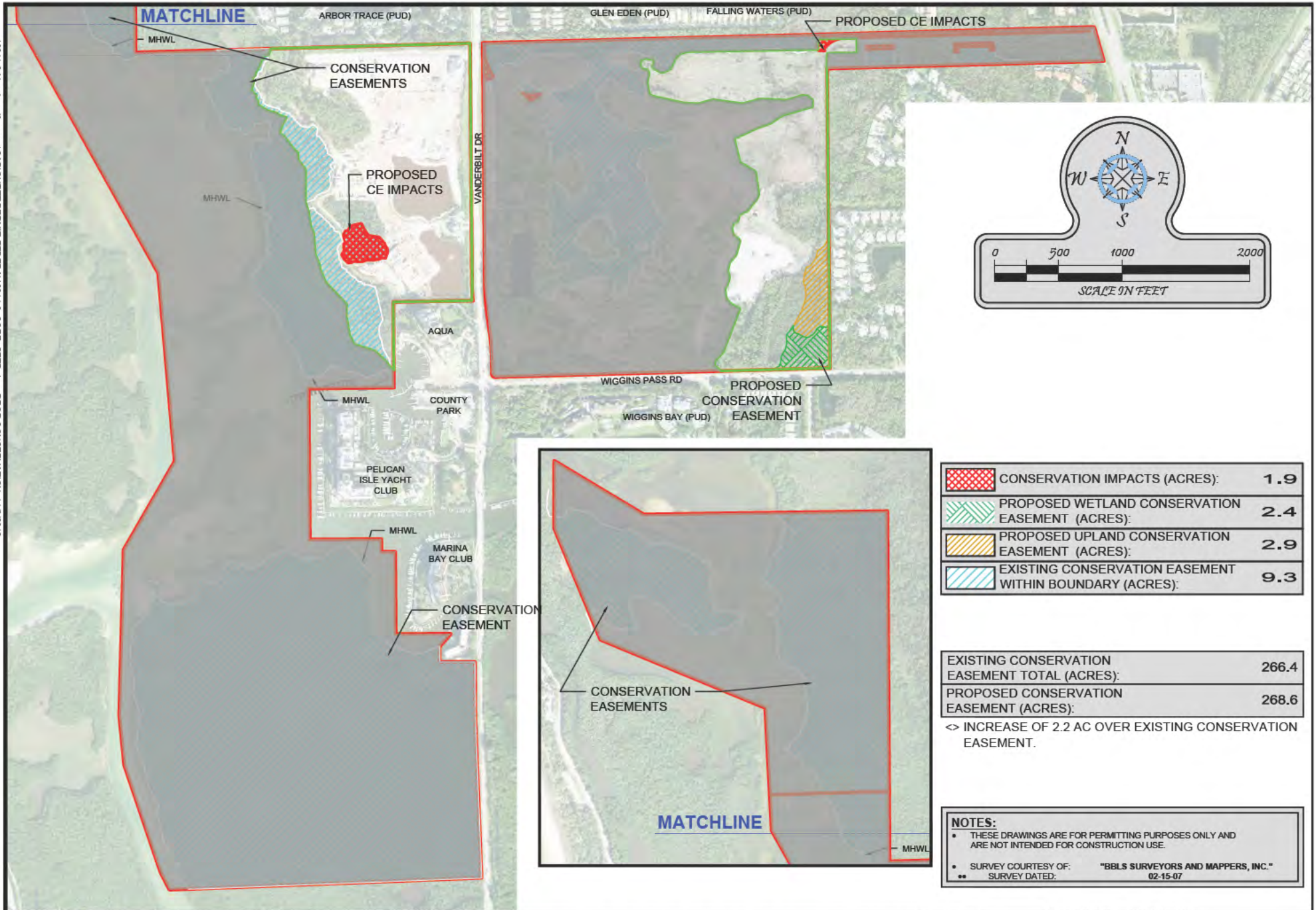
## PROPOSED IMPACTS MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	06 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9.knsale golf course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg PROP CONSERVATION 11/8/2016



	CONSERVATION IMPACTS (ACRES):	<b>1.9</b>
	PROPOSED WETLAND CONSERVATION EASEMENT (ACRES):	<b>2.4</b>
	PROPOSED UPLAND CONSERVATION EASEMENT (ACRES):	<b>2.9</b>
	EXISTING CONSERVATION EASEMENT WITHIN BOUNDARY (ACRES):	<b>9.3</b>

EXISTING CONSERVATION EASEMENT TOTAL (ACRES):	<b>266.4</b>
PROPOSED CONSERVATION EASEMENT (ACRES):	<b>268.6</b>
◁> INCREASE OF 2.2 AC OVER EXISTING CONSERVATION EASEMENT.	

**NOTES:**

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- SURVEY COURTESY OF: "BBLS SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07

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# COCO HATCHEE BAY

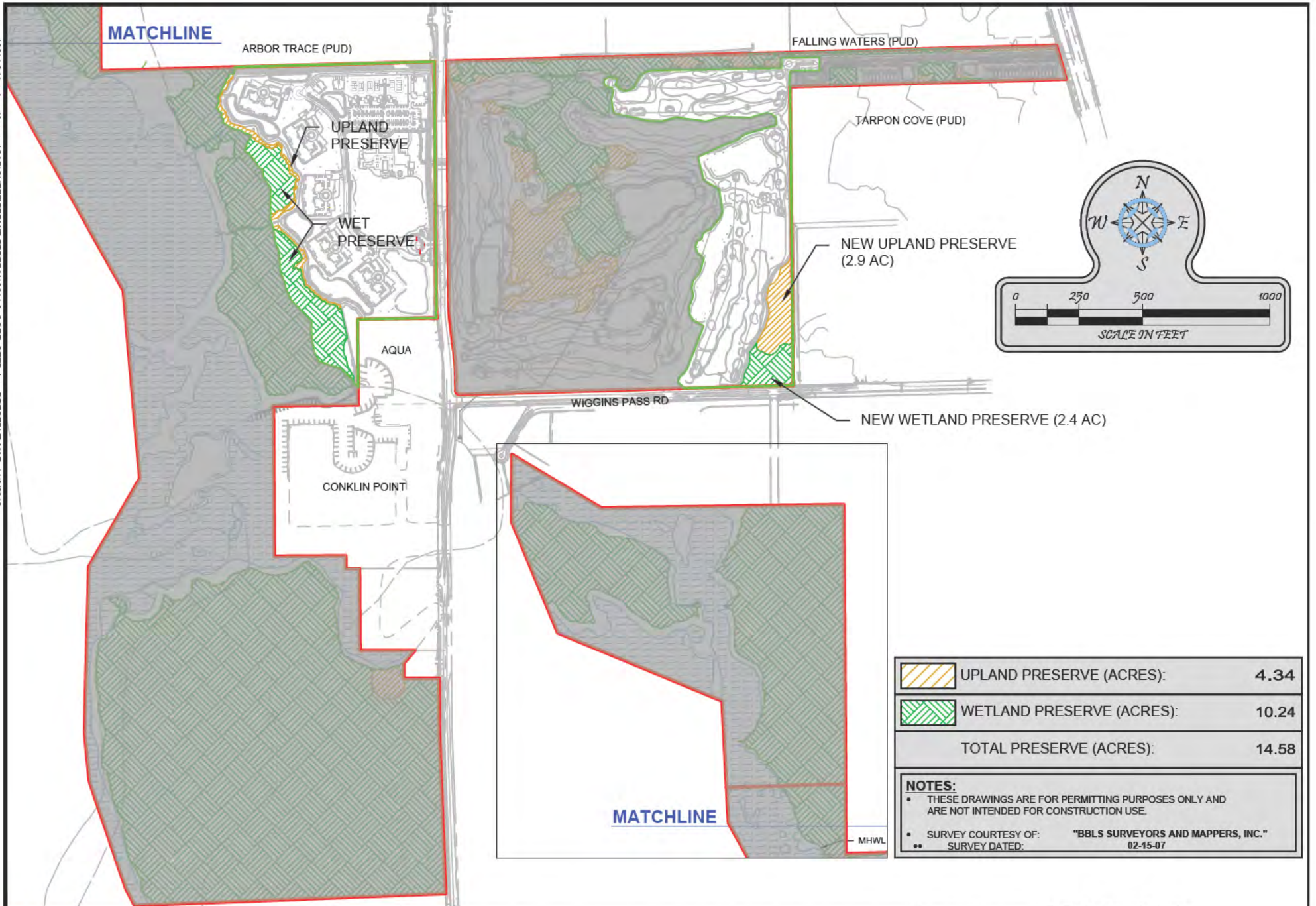
## PROPOSED CONSERVATION

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	07 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911.9\knsale\golf\course\CAD\SHEET\PERMIT\_FEDERAL\9911.9\_CORE\_SET\DWG\_PRESERVE MAP 11/8/2016



	UPLAND PRESERVE (ACRES):	<b>4.34</b>
	WETLAND PRESERVE (ACRES):	<b>10.24</b>
TOTAL PRESERVE (ACRES):		<b>14.58</b>
<b>NOTES:</b>		
<ul style="list-style-type: none"> <li>• THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.</li> <li>• SURVEY COURTESY OF: "BBLS SURVEYORS AND MAPPERS, INC."</li> <li>• SURVEY DATED: 02-15-07</li> </ul>		



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# COCO HATCHEE BAY PRESERVE MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	08 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E



p:\9911\_9\shaded golf course\CAD\SHEET\PERMIT - FEDERAL\9911\_9\_CORE\_SETB-ORIGINAL.dwg ORIGINAL SITE 11/8/2016



**NOTES:**

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- SURVEY COURTESY OF: "BBL'S SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

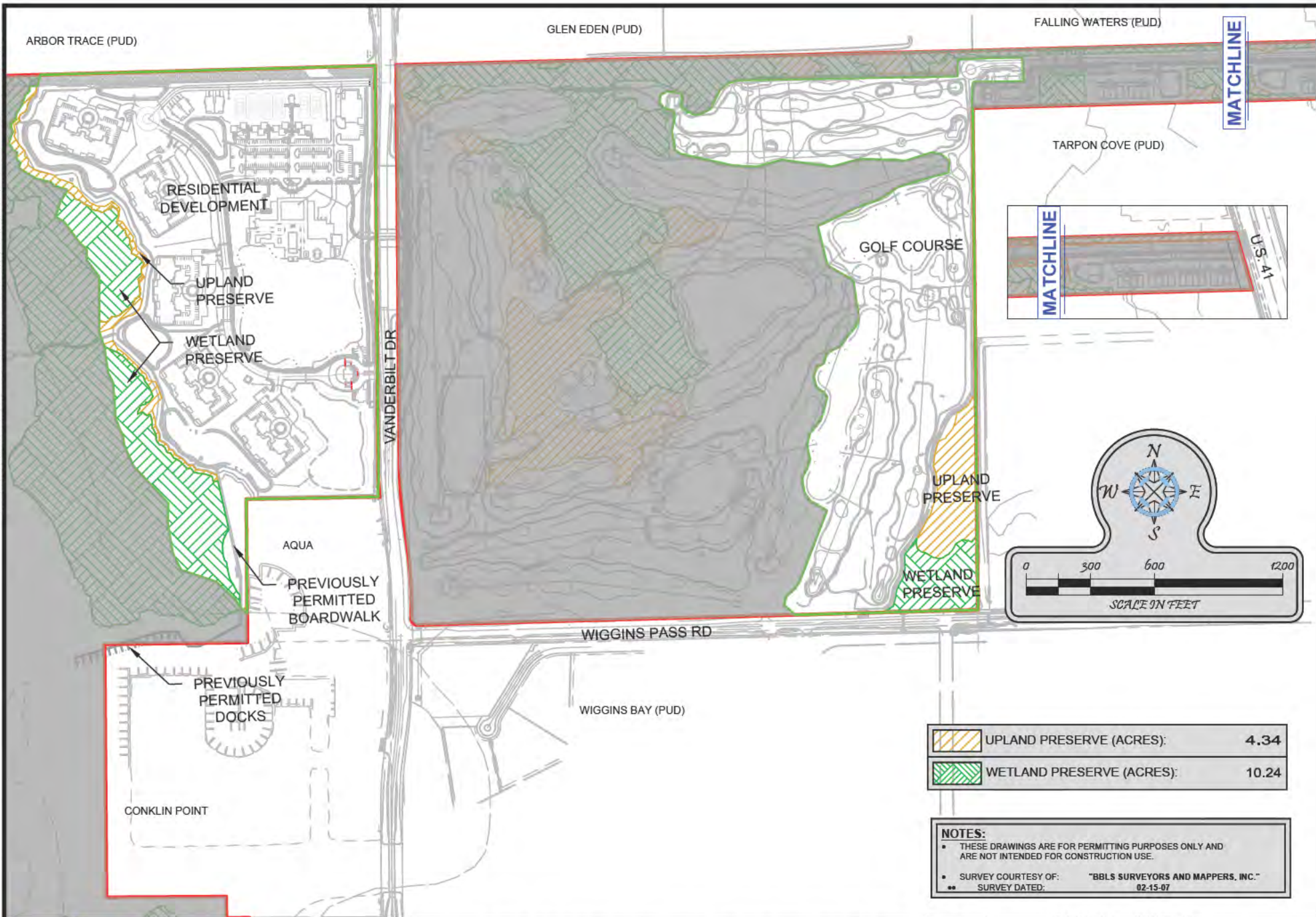
## ORIGINAL SITE PLAN

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE:	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	5-02-13	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	09 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9\shaded golf course\CAD\SHEET\PERMIT - FEDERAL\9911\_9\_CORE\_SETB.dwg PROPOSED SITE 11/8/2016



	UPLAND PRESERVE (ACRES):	4.34
	WETLAND PRESERVE (ACRES):	10.24

**NOTES:**

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- SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

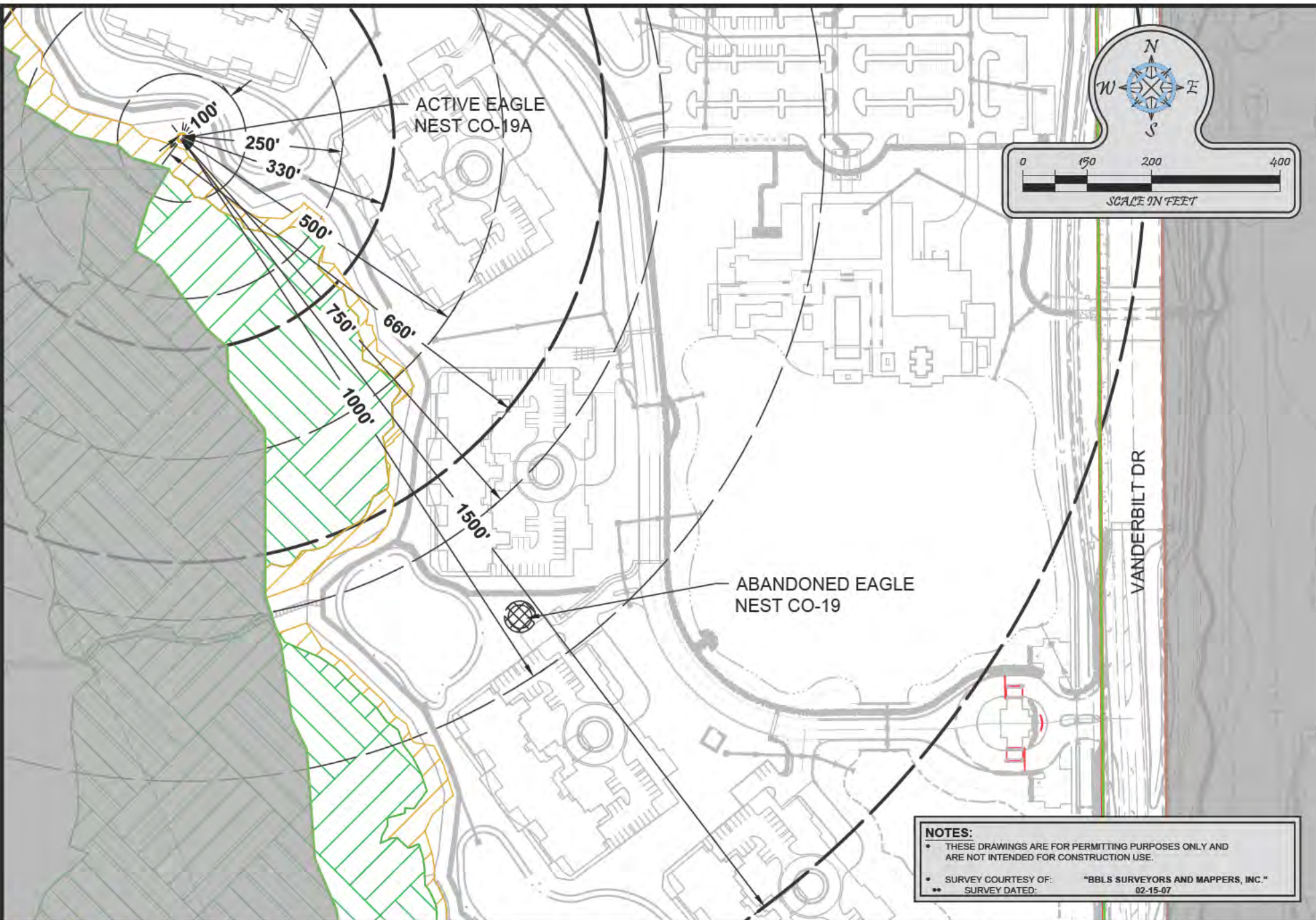
## PROPOSED SITE - CURRENT

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	10 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:1911\_9.kinsale golf course.CAD:SHEET\PERMIT\FEDERAL\1911\_9\_CORE\_SET\DWG EAGLE MAP 11/8/2016



**NOTES:**

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- SURVEY COURTESY OF: "BLS SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07

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# COCO HATCHEE BAY

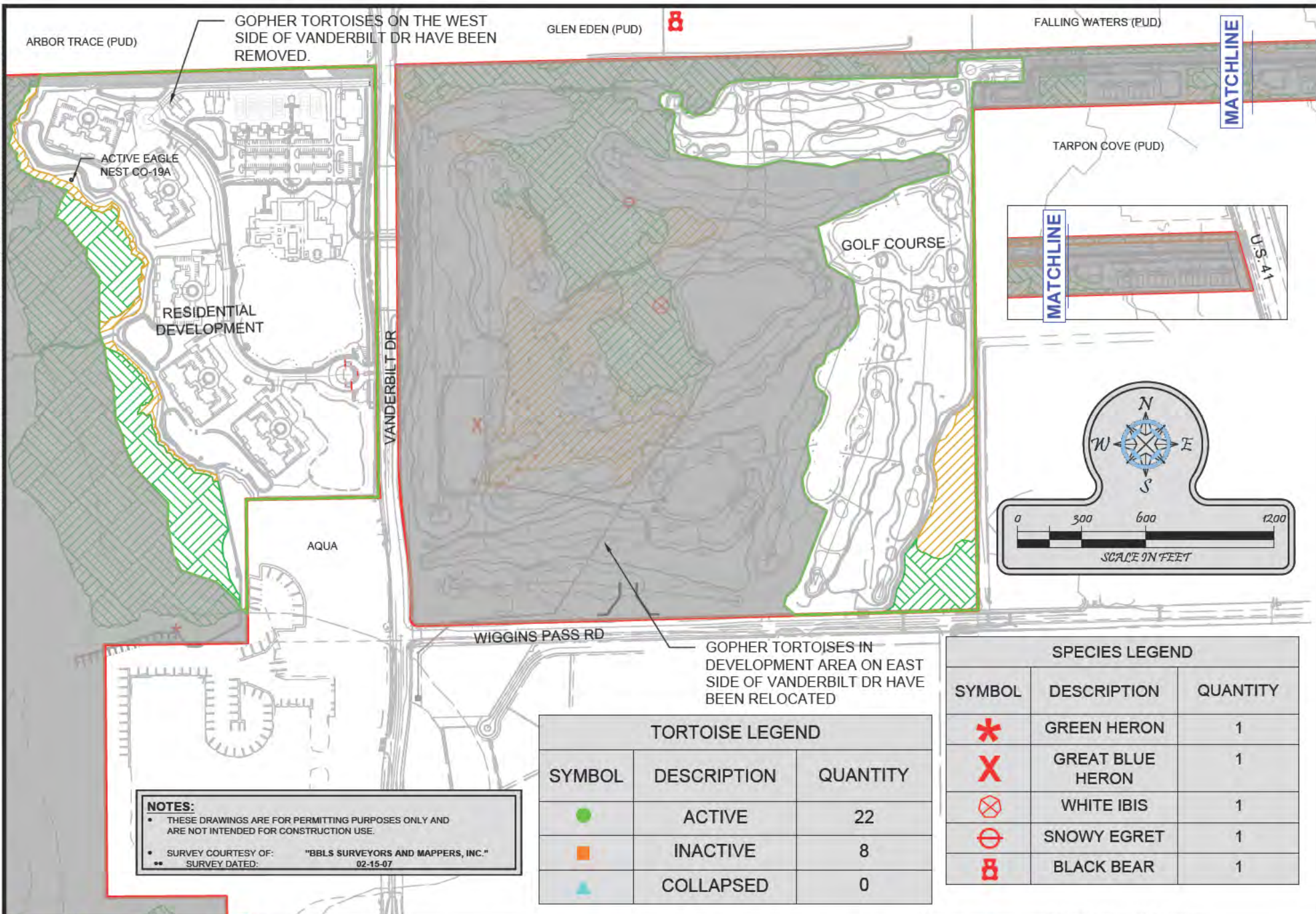
## EAGLE MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	11 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911 94female golf course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETB.dwg SPECIES MAP 11/8/2016



**NOTES:**

- THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.
- SURVEY COURTESY OF: "BBS SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07

TORTOISE LEGEND		
SYMBOL	DESCRIPTION	QUANTITY
	ACTIVE	22
	INACTIVE	8
	COLLAPSED	0

SPECIES LEGEND		
SYMBOL	DESCRIPTION	QUANTITY
	GREEN HERON	1
	GREAT BLUE HERON	1
	WHITE IBIS	1
	SNOWY EGRET	1
	BLACK BEAR	1



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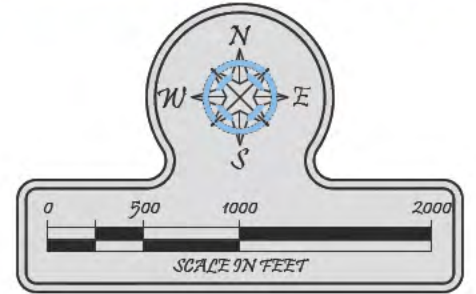
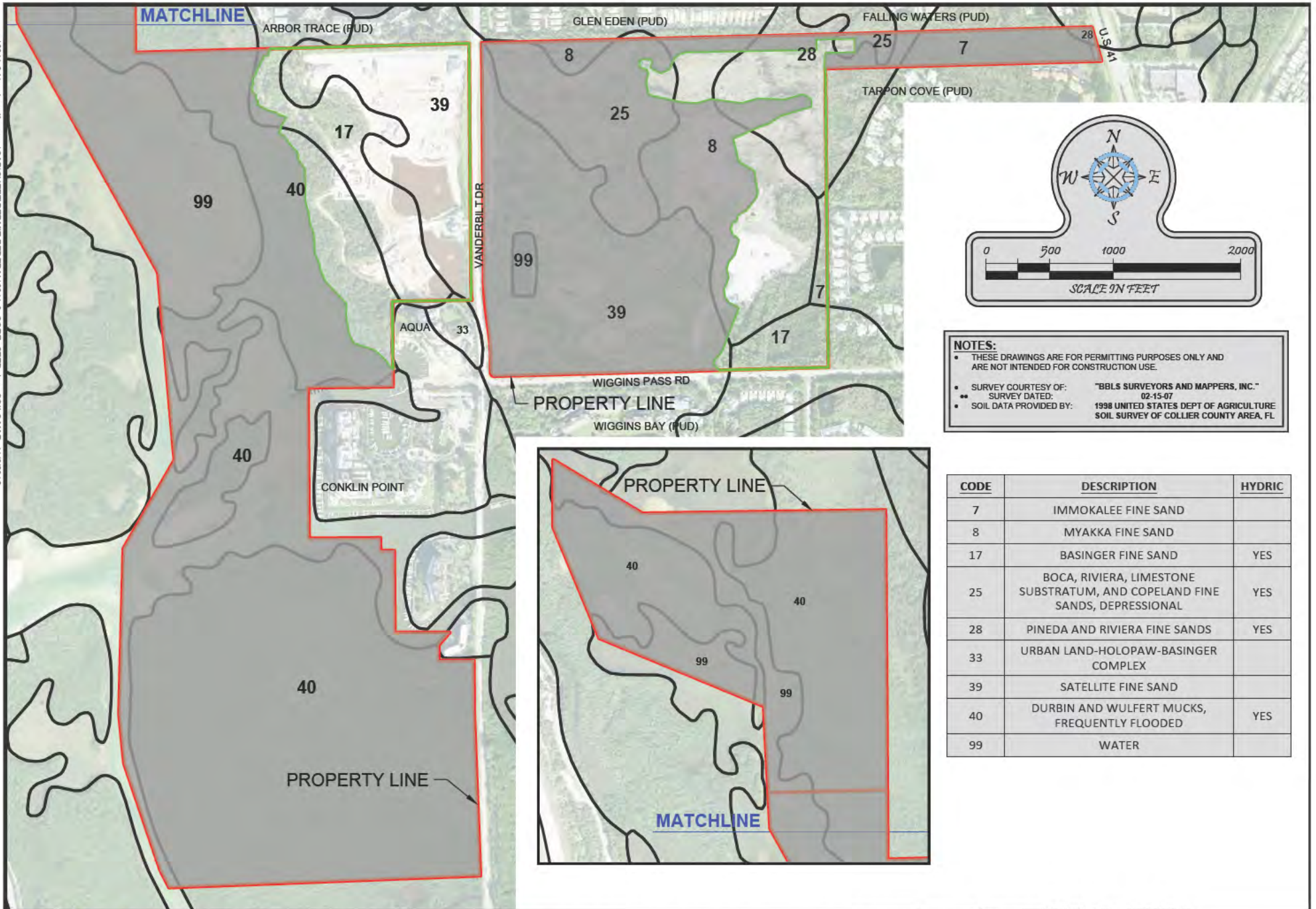
# COCO HATCHEE BAY SPECIES MAP

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DESIGNED:	TH	REV#	REV BY:	DATE:	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	12 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\98111\_9\_kinealee\_golf\_course\CAD\SHSHEET\PERMIT-FEDERAL\98111\_9\_CORE\_SETB.dwg SOIL S MAP 11/8/2016



**NOTES:**

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- SURVEY COURTESY OF: "BBL'S SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07
- SOIL DATA PROVIDED BY: 1998 UNITED STATES DEPT OF AGRICULTURE SOIL SURVEY OF COLLIER COUNTY AREA, FL

CODE	DESCRIPTION	HYDRIC
7	IMMOKALEE FINE SAND	
8	MYAKKA FINE SAND	
17	BASINGER FINE SAND	YES
25	BOCA, RIVIERA, LIMESTONE SUBSTRATUM, AND COPELAND FINE SANDS, DEPRESSIONAL	YES
28	PINEDA AND RIVIERA FINE SANDS	YES
33	URBAN LAND-HOLOPAW-BASINGER COMPLEX	
39	SATELLITE FINE SAND	
40	DURBIN AND WULFERT MUCKS, FREQUENTLY FLOODED	YES
99	WATER	



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# COCO HATCHEE BAY

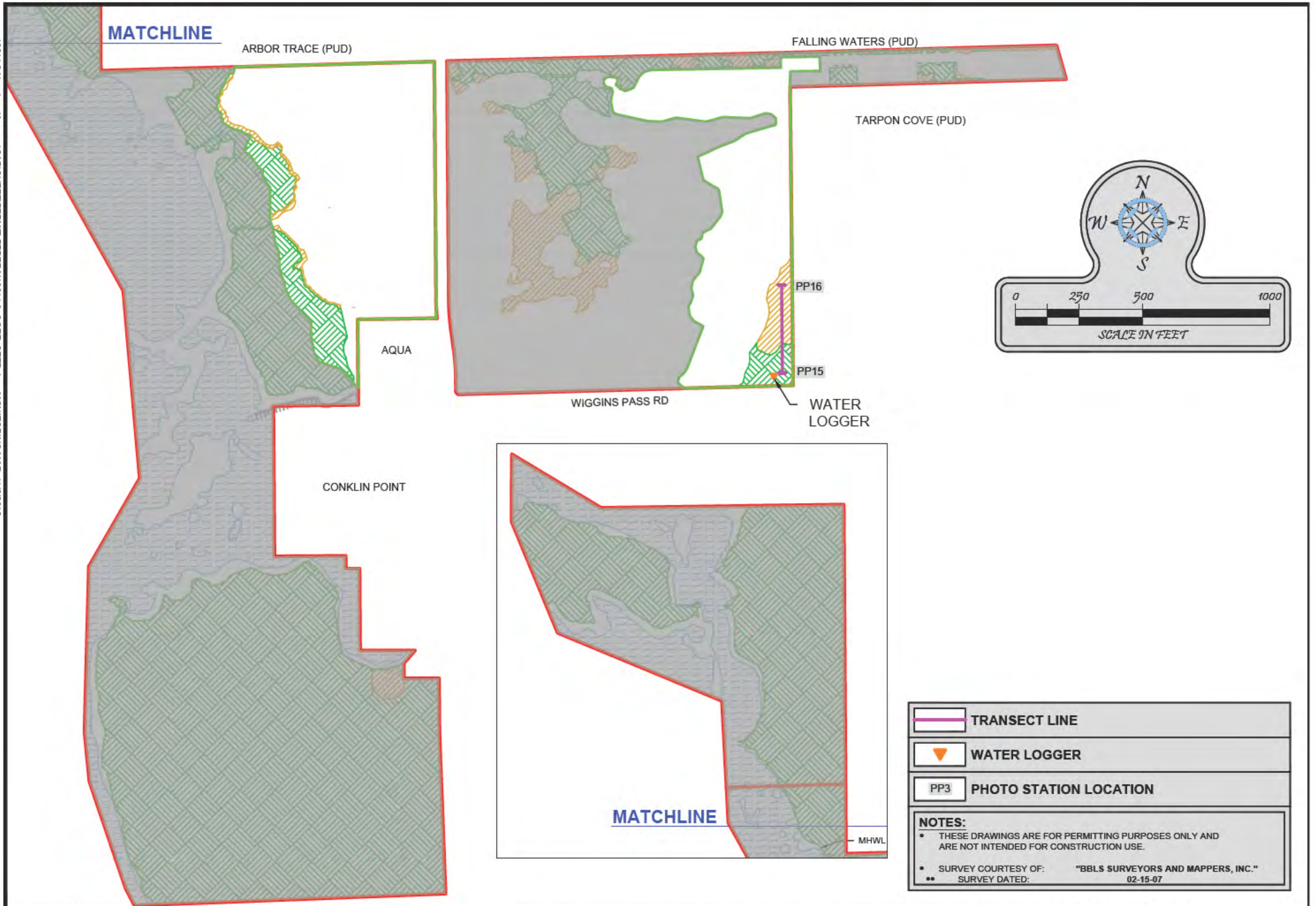
## SOILS MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-18	2.	-	-	-	-
JOB NO.:	98111.9	3.	-	-	-	-
SHEET NO.:	13 OF 21	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9\knsale\golf\course\CAD\SHEET\PERMIT\_FEDERAL\9911\_9\_CORE\_SET\dwg\_MONITORING MAP 11/8/2016



	TRANSECT LINE
	WATER LOGGER
	PHOTO STATION LOCATION

**NOTES:**

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- SURVEY COURTESY OF: "BLS SURVEYORS AND MAPPERS, INC."
- SURVEY DATED: 02-15-07



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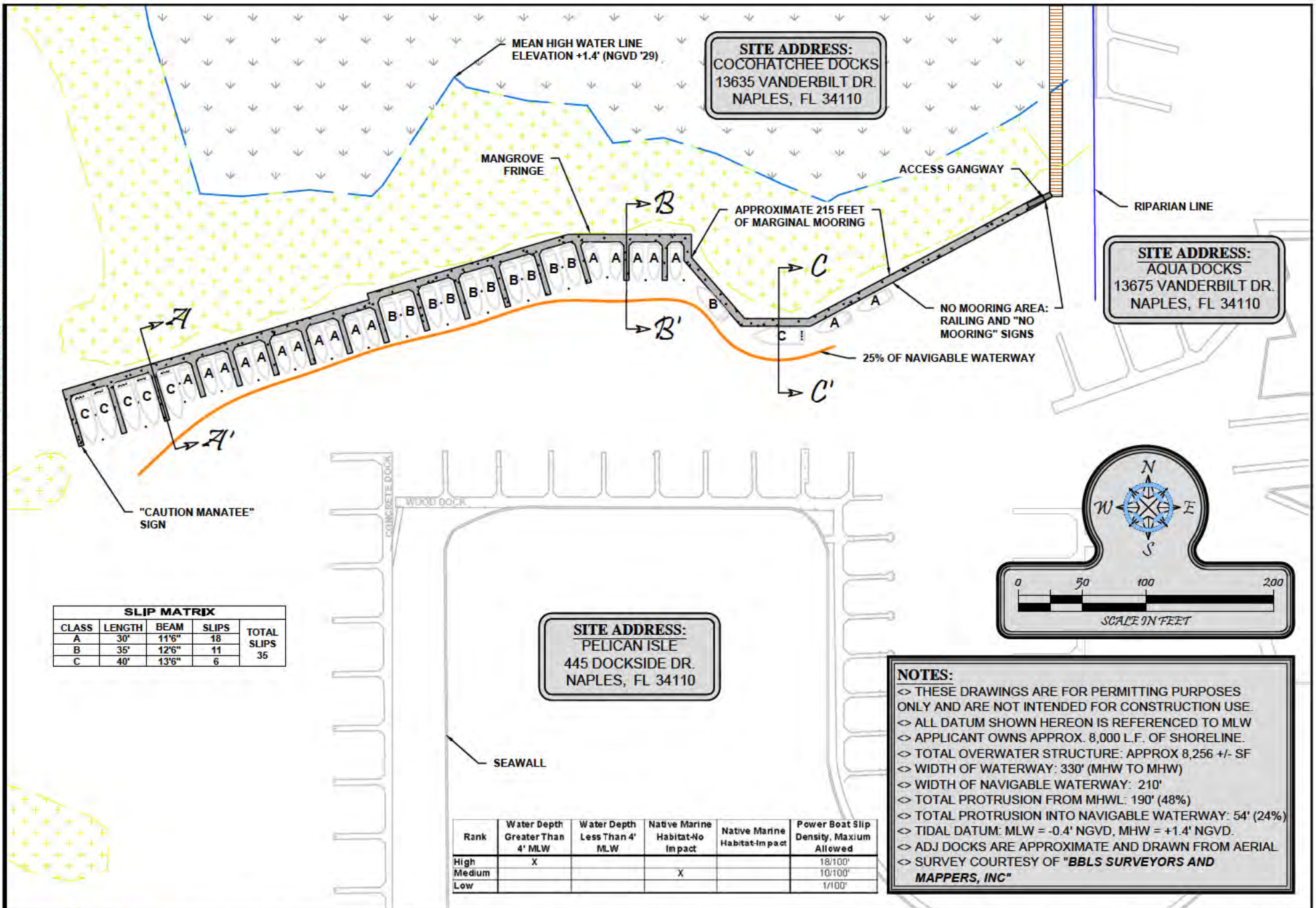
# COCO HATCHEE BAY

## MONITORING MAP

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE:	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	14 OF 21	4.	-	-	-	-
		5.	-	-	-	-

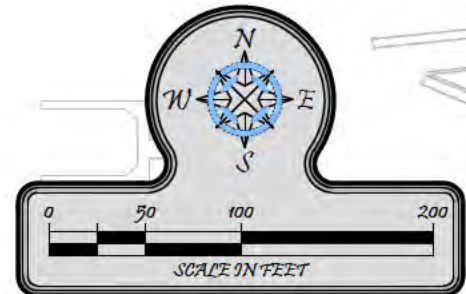
SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E



**SLIP MATRIX**

CLASS	LENGTH	BEAM	SLIPS	TOTAL SLIPS
A	30'	11'6"	18	35
B	35'	12'6"	11	
C	40'	13'6"	6	

Rank	Water Depth Greater Than 4' MLW	Water Depth Less Than 4' MLW	Native Marine Habitat-No Impact	Native Marine Habitat-Impact	Power Boat Slip Density, Maximum Allowed
High	X				18/100'
Medium			X		10/100'
Low					1/100'



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- <> APPLICANT OWNS APPROX. 8,000 L.F. OF SHORELINE.
- <> TOTAL OVERWATER STRUCTURE: APPROX 8,256 +/- SF
- <> WIDTH OF WATERWAY: 330' (MHW TO MHW)
- <> WIDTH OF NAVIGABLE WATERWAY: 210'
- <> TOTAL PROTRUSION FROM MHWL: 190' (48%)
- <> TOTAL PROTRUSION INTO NAVIGABLE WATERWAY: 54' (24%)
- <> TIDAL DATUM: MLW = -0.4' NGVD, MHW = +1.4' NGVD.
- <> ADJ DOCKS ARE APPROXIMATE AND DRAWN FROM AERIAL
- <> SURVEY COURTESY OF "BBL'S SURVEYORS AND MAPPERS, INC"

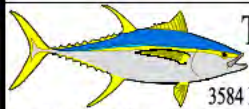
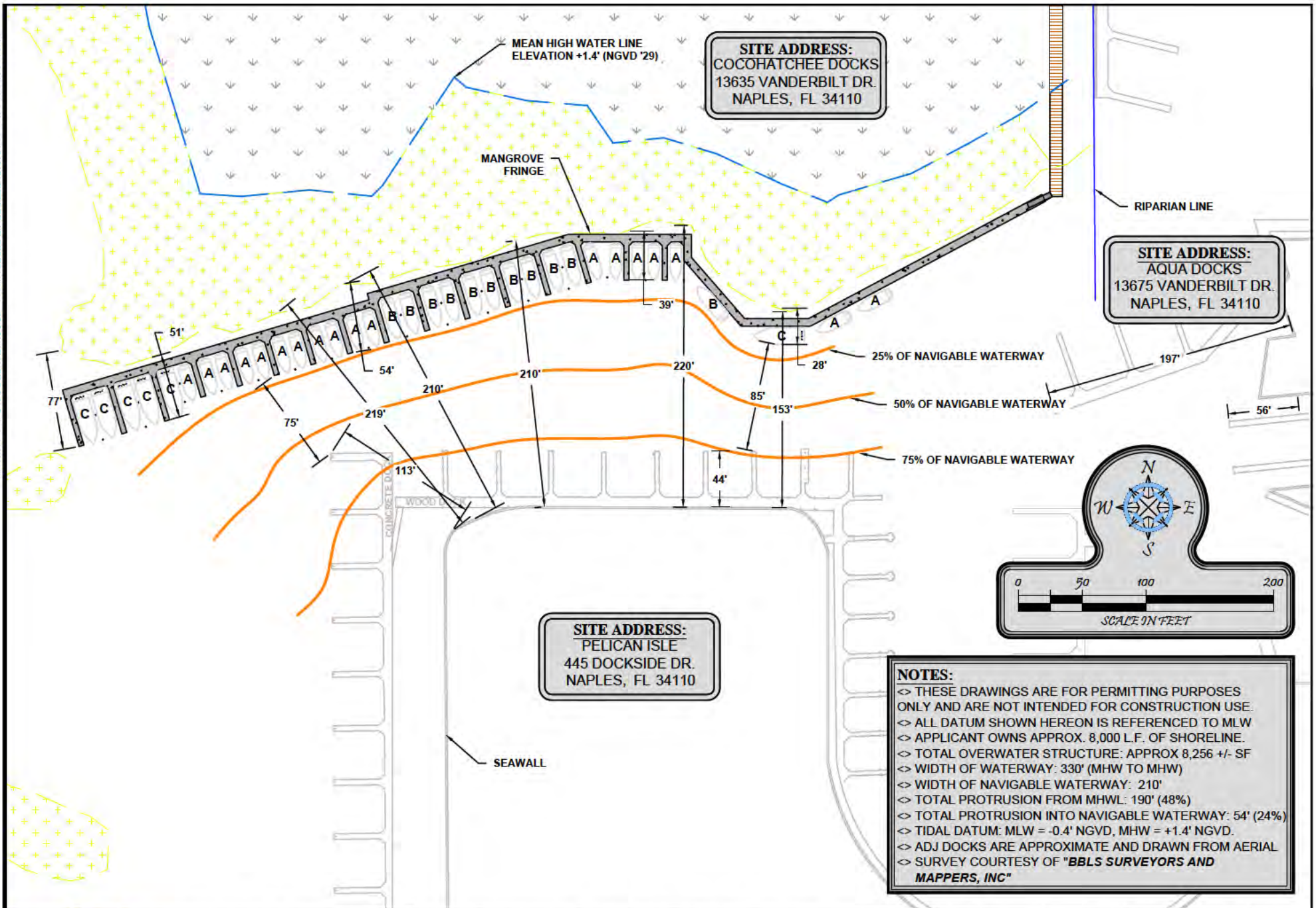


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**COCO HATCHEE DOCKS**  
 PROPOSED PLAN VIEW

DESIGNED BY:	TH	REVISION:	TAB NAME:	PROP PLAN
DRAWN BY:	RMJ		SHEET:	15
CREATED:	11-7-16		SCALE:	1" = 100'
JOB NO.:	9911			
SECTION-17		TOWNSHIP-48 S		RANGE-25 E

p:\9911\_9\knsale\p01\cours\cads\sheet\PERMIT-FEDERAL\9911 - COCOHATCHEE DOCKS.dwg 11/8/2016



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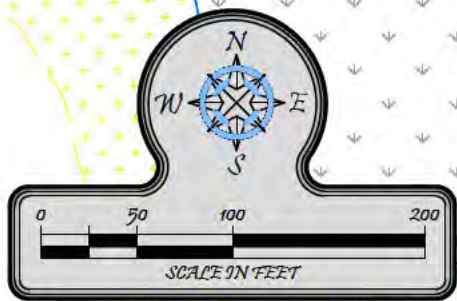
# COCO HATCHEE DOCKS

## NAVIGABLE WATERWAY WIDTHS

DESIGNED:	TH	REVISION:	TAB NAME:	NAV WATER
DRAWN BY:	RMH		SHEET:	16
CREATED:	11-7-16		SCALE:	1" = 100'
JOB NO.:	9911		REV. 03-13-14	RMJ
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E



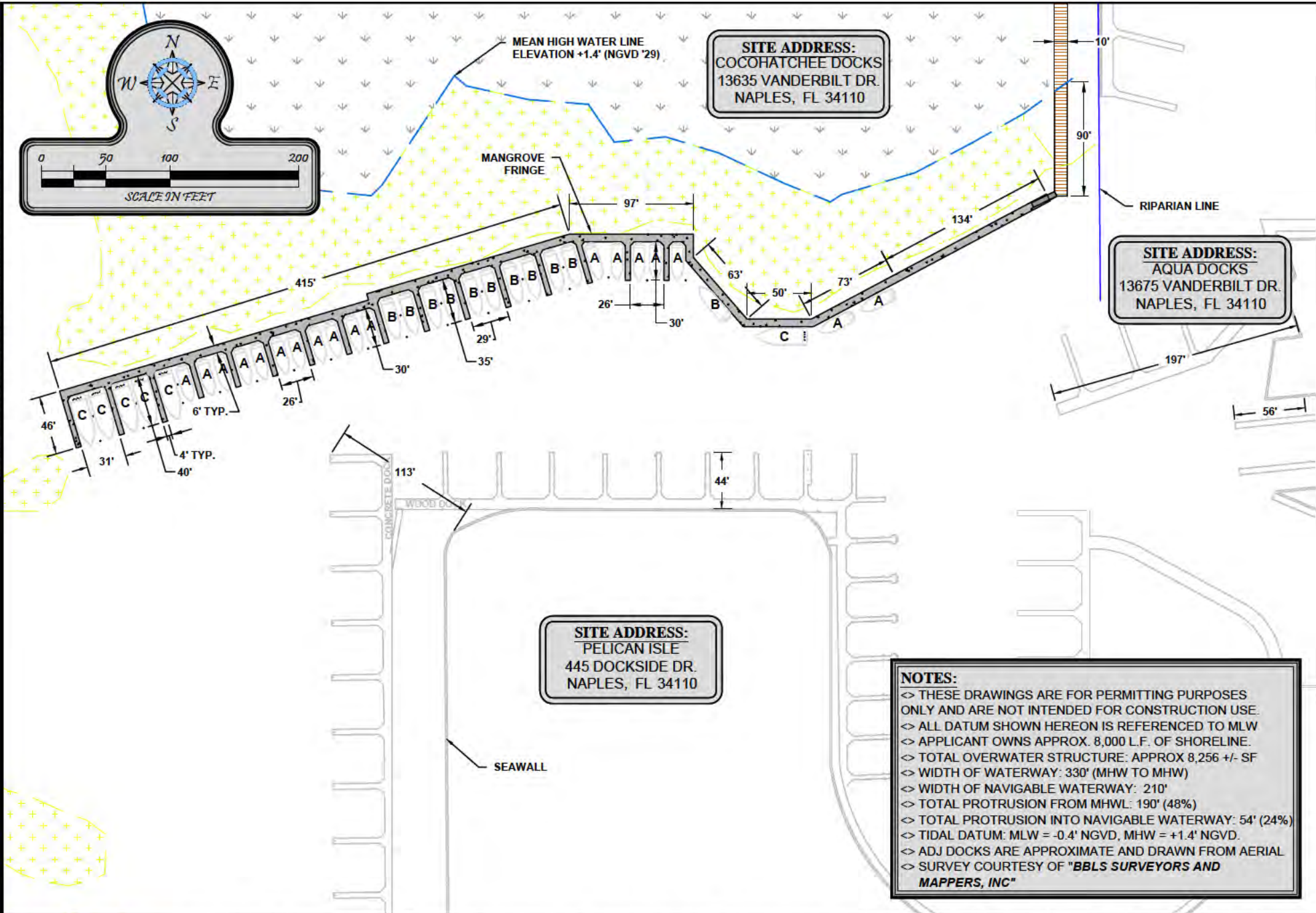
p:\9811 9-kinsale g04 course\CAD\SHEET\PERMIT-FEDERAL\9811 - COCOHATCHEE DOCKS.dwg 11/8/2016



**SITE ADDRESS:**  
COCO HATCHEE DOCKS  
13635 VANDERBILT DR.  
NAPLES, FL 34110

**SITE ADDRESS:**  
AQUA DOCKS  
13675 VANDERBILT DR.  
NAPLES, FL 34110

**SITE ADDRESS:**  
PELICAN ISLE  
445 DOCKSIDE DR.  
NAPLES, FL 34110



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 <> ADJ DOCKS ARE APPROXIMATE AND DRAWN FROM AERIAL  
 <> SURVEY COURTESY OF "BBL'S SURVEYORS AND MAPPERS, INC"



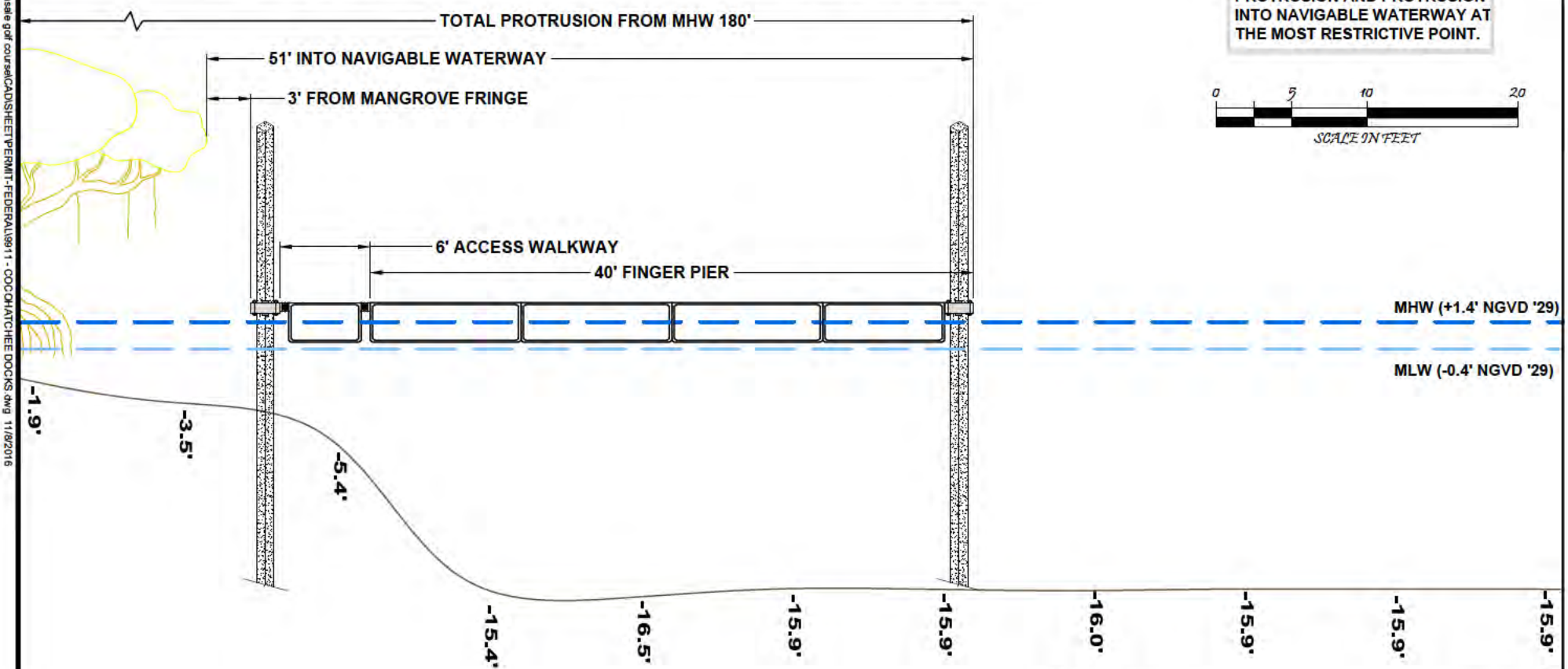
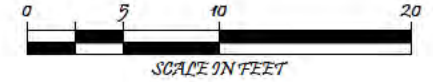
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**COCO HATCHEE DOCKS**  
**DOCK AND SLIP DIMENSIONS**

DESIGNED:	TH	REVISION:	TAB NAME:	PROP LINE
DRAWN BY:	RMJ		SHEET:	17
CREATED:	11-7-16		SCALE:	1" = 100'
JOB NO.:	9911			
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E

# CROSS SECTION A-A'

SECTION A-A DISPLAYS TOTAL PROTRUSION AND PROTRUSION INTO NAVIGABLE WATERWAY AT THE MOST RESTRICTIVE POINT.



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- <> SURVEY COURTESY OF "BBL SURVEYORS AND MAPPERS, INC"

p19911 9.kinsale.pdf course\CAD\SHEET\PERMIT-FEDERAL\9911 - COCOHATCHEE DOCKS.dwg 11/8/2016



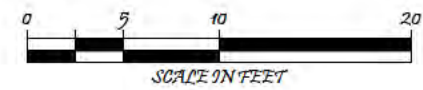
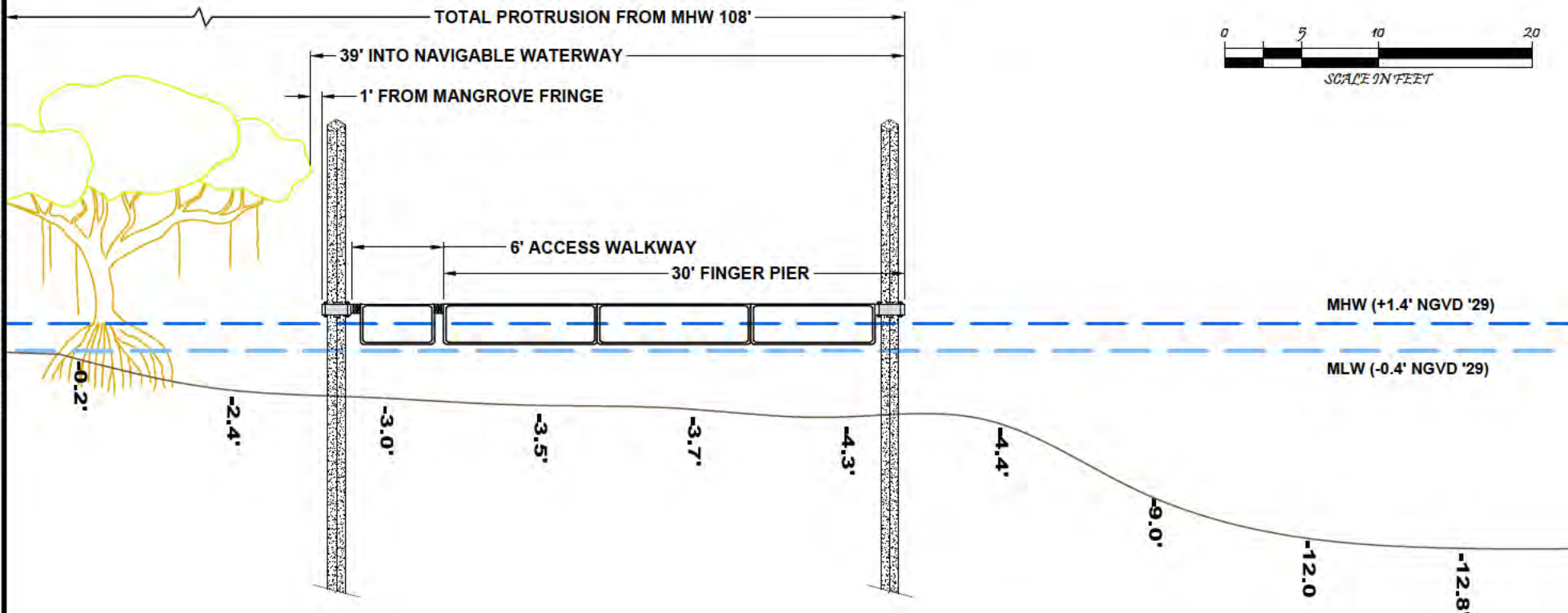
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## COCO HATCHEE DOCKS

### CROSS SECTION A-A'

DESIGNED BY:	TH	REVISION:	TAB NAME:	XSEC AA
DRAWN BY:	RMJ		SHEET:	18
CREATED:	11-7-16		SCALE:	1" = 10'
JOB NO.:	9911			
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E

# CROSS SECTION B-B'



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- <> ADJ DOCKS ARE APPROXIMATE AND DRAWN FROM AERIAL
- <> SURVEY COURTESY OF "BBL SURVEYORS AND MAPPERS, INC"

p:9911\_9.knsale.pdf course:CAD/SHEET/PERMIT-FEDERAL/9911 - COCOHATCHEE DOCKS.dwg 11/8/2016

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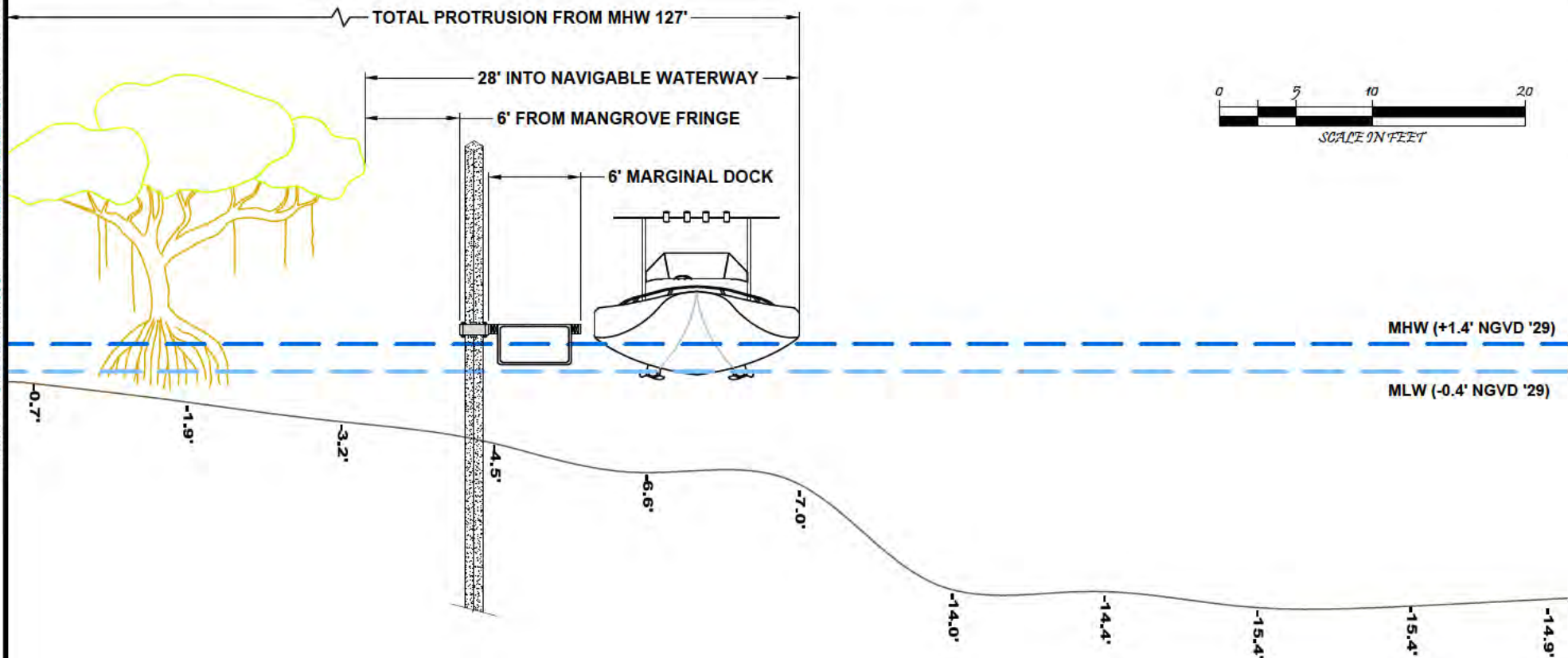
## COCO HATCHEE DOCKS

### CROSS SECTION B-B'

DESIGNED:	TH	REVISION:	TAB NAME:	XSEC BB
DRAWN BY:	RMJ		SHEET:	19
CREATED:	11-7-16		SCALE:	1" = 10'
JOB NO.:	9911			
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E

# CROSS SECTION C-C'

p:9911\_9.kinsale.pdf course\CAD\SHEET\PERMIT-FEDERAL\9911 - COCOHATCHEE DOCKS.dwg 11/8/2016



**NOTES:**

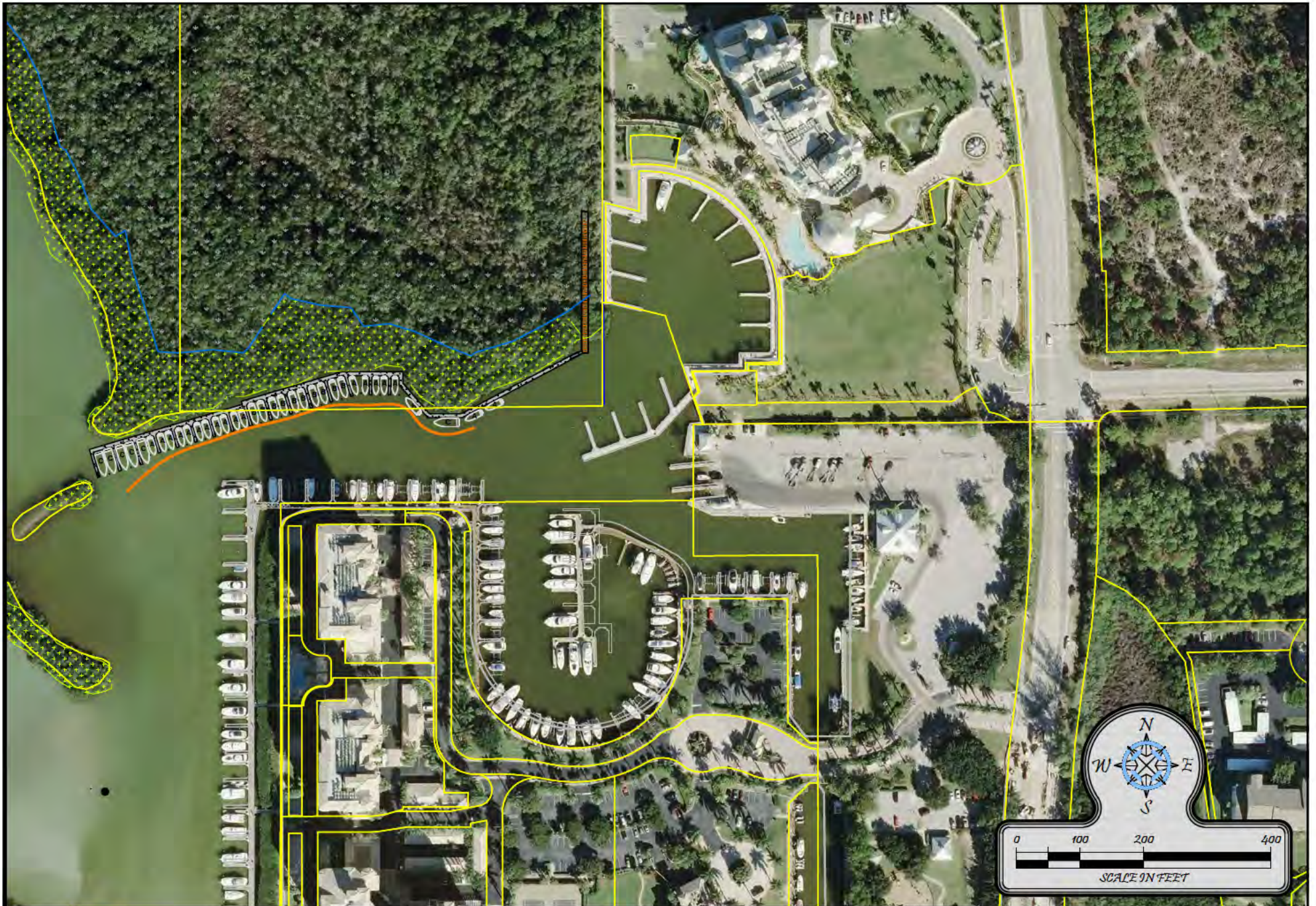
- <> THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.
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- <> ADJ DOCKS ARE APPROXIMATE AND DRAWN FROM AERIAL
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## COCO HATCHEE DOCKS

### CROSS SECTION C-C'

DESIGNED:	TH	REVISION:	TAB NAME:	XSEC CC
DRAWN BY:	RMJ		SHEET:	20
CREATED:	11-7-16		SCALE:	1" = 10'
JOB NO.:	9911			
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E



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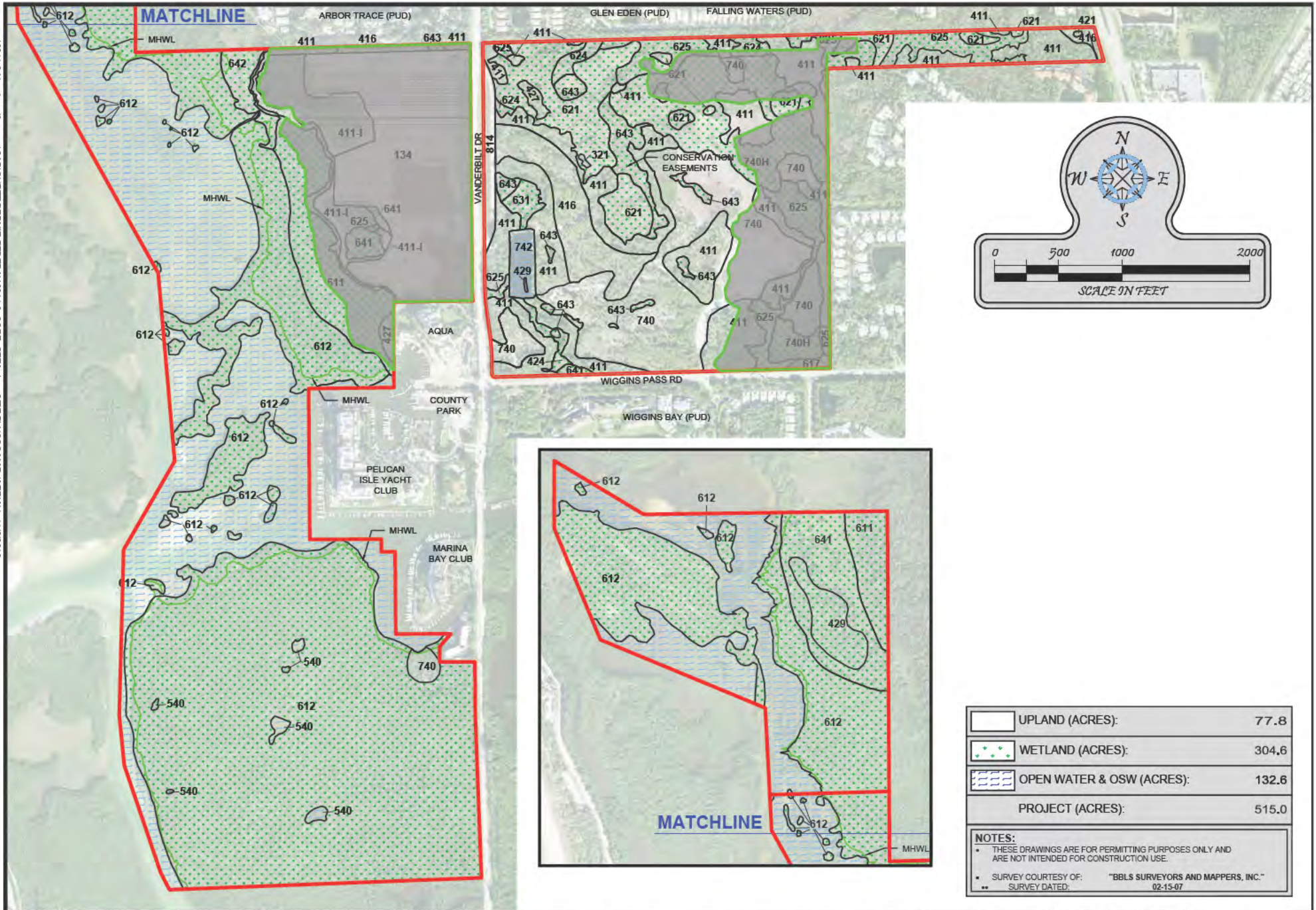
Email: tuna@turrell-associates.com Phone: (239) 643-0166 Fax: (239) 643-6632

# COCOHATCHEE DOCKS

PROPOSED PLAN VIEW

DESIGNED:	T.T.T.	REVISION:	TAB NAME:	PROP PLAN
DRAWN BY:	SAS	05-26-2010 - VJZ	SHEET:	21
CREATED:	10-10-02	02-01-2011 - VJZ	SCALE:	1" = 100'
JOB NO.:	9911	03-05-2014 - SAH		
SECTION-17		TOWNSHIP- 48 S		RANGE- 25 E

p:\9911\_9.knsale.golf.course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETA.dwg SITE FLUCCS MAP (AERIAL) 11/8/2016



	UPLAND (ACRES):	77.8
	WETLAND (ACRES):	304.6
	OPEN WATER & OSW (ACRES):	132.6
PROJECT (ACRES):		515.0

**NOTES:**  
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 \*\* SURVEY COURTESY OF: "BBL'S SURVEYORS AND MAPPERS, INC."  
 \*\*\* SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

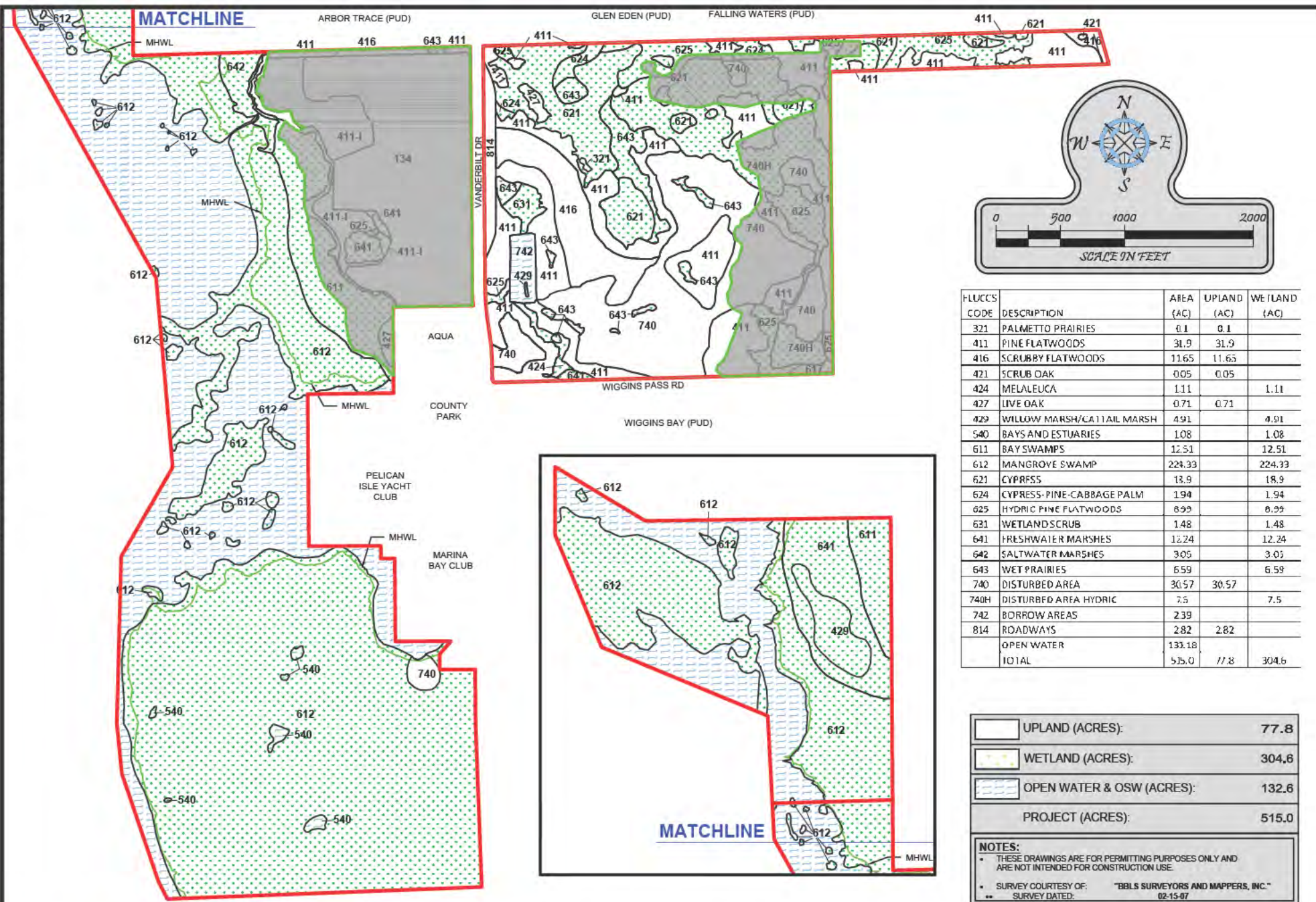
## SITE FLUCCS MAP (AERIAL)

THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	2.	-	-	-	-
CREATED:	11-07-16	3.	-	-	-	-
JOB NO.:	9911.9	4.	-	-	-	-
SHEET NO.:	02 OF 11	5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911\_9.knsale.golf.course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETA.dwg SITE FLUCCS MAP (LINE) 11/8/2016



FLUCCS CODE	DESCRIPTION	AREA (AC)	UPLAND (AC)	WETLAND (AC)
321	PALMETTO PRAIRIES	0.1	0.1	
411	FINE FLATWOODS	31.9	31.9	
416	SCRUBBY FLATWOODS	11.65	11.65	
421	SCRUB OAK	0.05	0.05	
424	MELALEUCA	1.11		1.11
427	LIVE OAK	0.71	0.71	
429	WILLOW MARSH/CATTAIL MARSH	4.91		4.91
540	BAYS AND ESTUARIES	1.08		1.08
611	BAY SWAMPS	12.51		12.51
612	MANGROVE SWAMP	224.33		224.33
621	CYPRESS	18.9		18.9
624	CYPRESS-PINE-CABBAGE PALM	1.94		1.94
625	HYDRIC PINE FLATWOODS	0.99		0.99
631	WETLAND SCRUB	1.48		1.48
641	FRESHWATER MARSHES	12.24		12.24
642	SALTWATER MARSHES	3.05		3.05
643	WET PRAIRIES	6.59		6.59
740	DISTURBED AREA	30.57	30.57	
740H	DISTURBED AREA HYDRIC	7.5		7.5
742	BORROW AREAS	2.39		
814	ROADWAYS	2.82	2.82	
	OPEN WATER	133.18		
	<b>TOTAL</b>	<b>515.0</b>	<b>77.8</b>	<b>304.6</b>

	UPLAND (ACRES):	<b>77.8</b>
	WETLAND (ACRES):	<b>304.6</b>
	OPEN WATER & OSW (ACRES):	<b>132.6</b>
<b>PROJECT (ACRES):</b>		<b>515.0</b>

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 \*\* SURVEY DATED: 02-15-07

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# COCO HATCHEE BAY

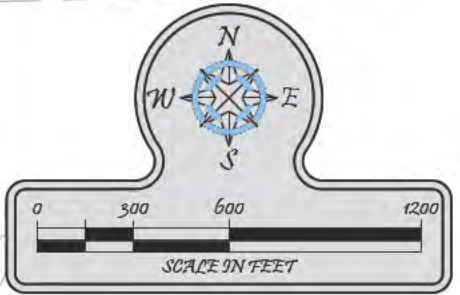
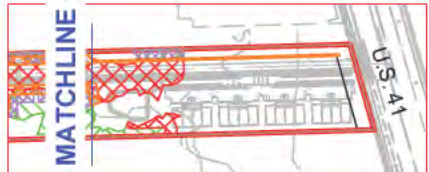
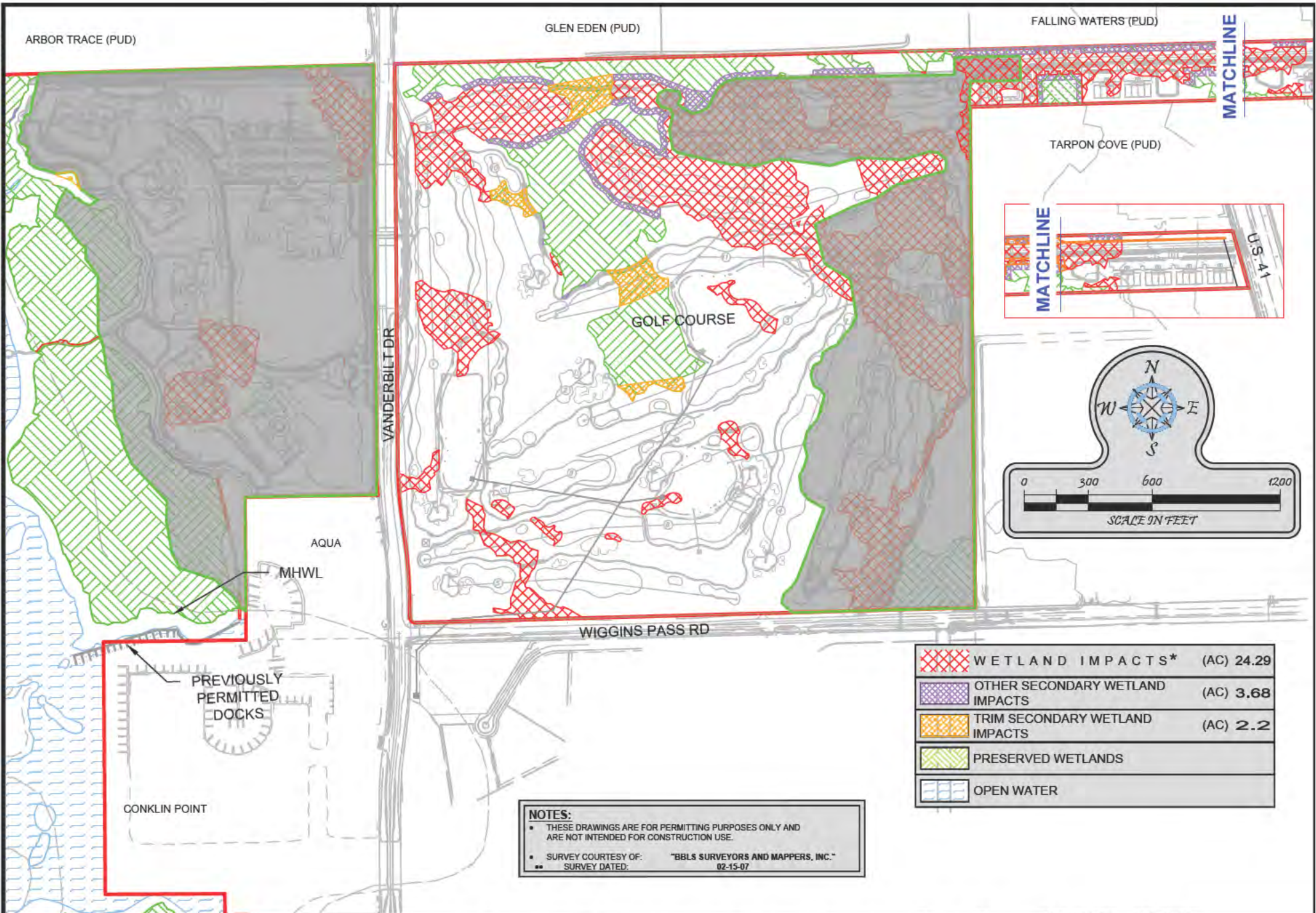
## SITE FLUCCS MAP (LINE)

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DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	2.	-	-	-	-
CREATED:	11-07-16	3.	-	-	-	-
JOB NO.:	9911.9	4.	-	-	-	-
SHEET NO.:	03 OF 11	5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p19911\_9.kennedy\_golf\_course\CAD\SHEET\PERMIT\_FEDERAL\911\_9\_CORE\_SET\dwg IMPACTS MAP 11/8/2016



	WETLAND IMPACTS*	(AC) 24.29
	OTHER SECONDARY WETLAND IMPACTS	(AC) 3.68
	TRIM SECONDARY WETLAND IMPACTS	(AC) 2.2
	PRESERVED WETLANDS	
	OPEN WATER	

**NOTES:**

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- SURVEY DATED: 02-15-07



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# COCO HATCHEE BAY

## IMPACTS MAP

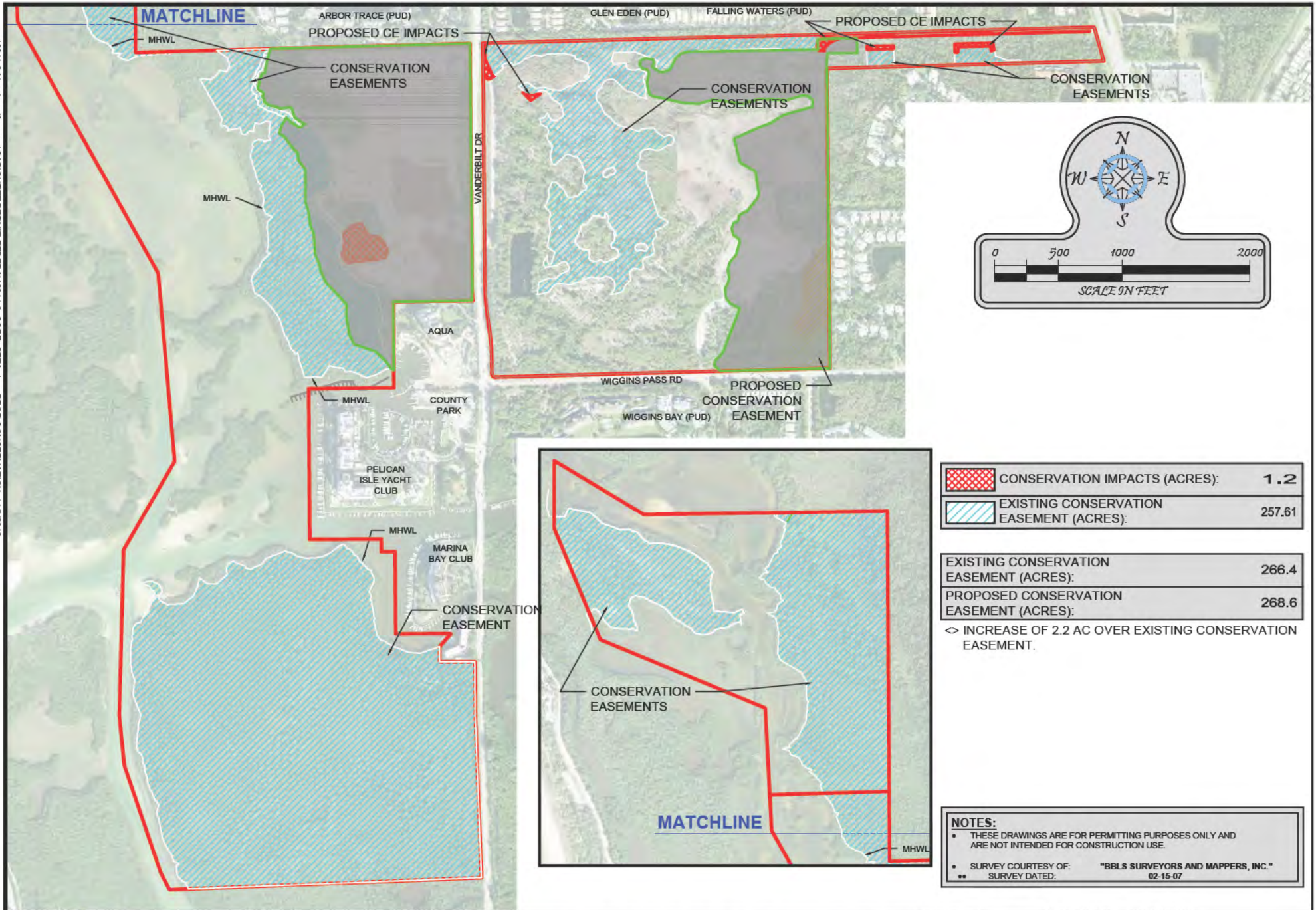
THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.

DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	05 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E



p:\9911\_9.knsale.golf.course\CAD\SHEET\PERMIT-FEDERAL\9911\_9\_CORE\_SETA.dwg PROP CONSERVATION 11/8/2016



	CONSERVATION IMPACTS (ACRES):	<b>1.2</b>
	EXISTING CONSERVATION EASEMENT (ACRES):	257.61

EXISTING CONSERVATION EASEMENT (ACRES):	266.4
PROPOSED CONSERVATION EASEMENT (ACRES):	268.6

<> INCREASE OF 2.2 AC OVER EXISTING CONSERVATION EASEMENT.

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- SURVEY DATED: 02-15-07

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# COCO HATCHEE BAY

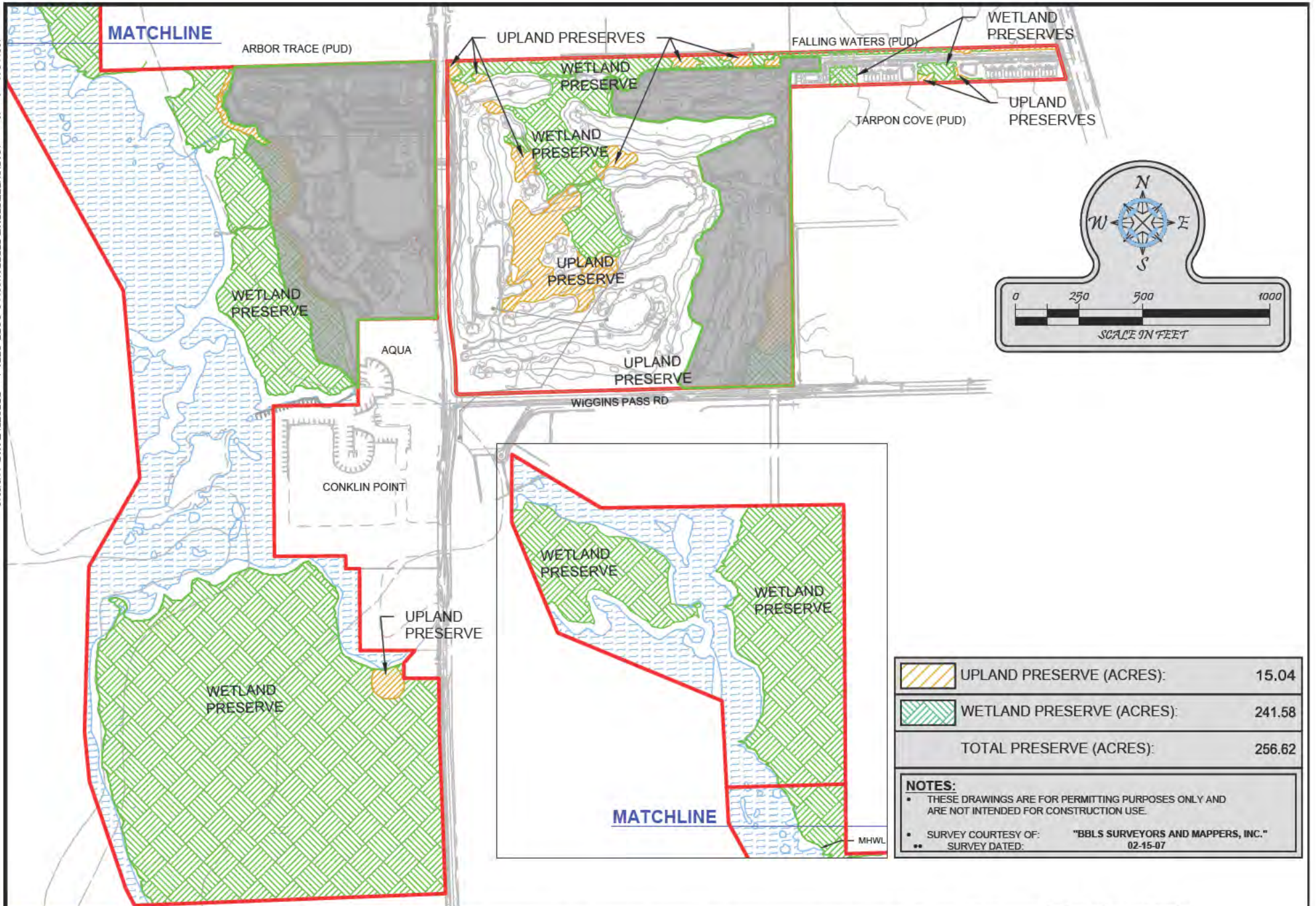
## PROPOSED CONSERVATION MAP



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DESIGNED:	TH	REV	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	06 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911.9\knsale.golf\course\CAD\SHEET\PERMIT\_FEDERAL\9911.9\_CORE\_SET\DWG\_PRESERVE MAP 11/8/2016



	UPLAND PRESERVE (ACRES):	15.04
	WETLAND PRESERVE (ACRES):	241.58
TOTAL PRESERVE (ACRES):		256.62
<b>NOTES:</b>		
<ul style="list-style-type: none"> <li>• THESE DRAWINGS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION USE.</li> <li>• SURVEY COURTESY OF: "BBLS SURVEYORS AND MAPPERS, INC."</li> <li>• SURVEY DATED: 02-15-07</li> </ul>		



**Turrell, Hall & Associates, Inc.**  
 Marine & Environmental Consulting  
 3584 Exchange Ave. Suite B. Naples, FL 34104-3732  
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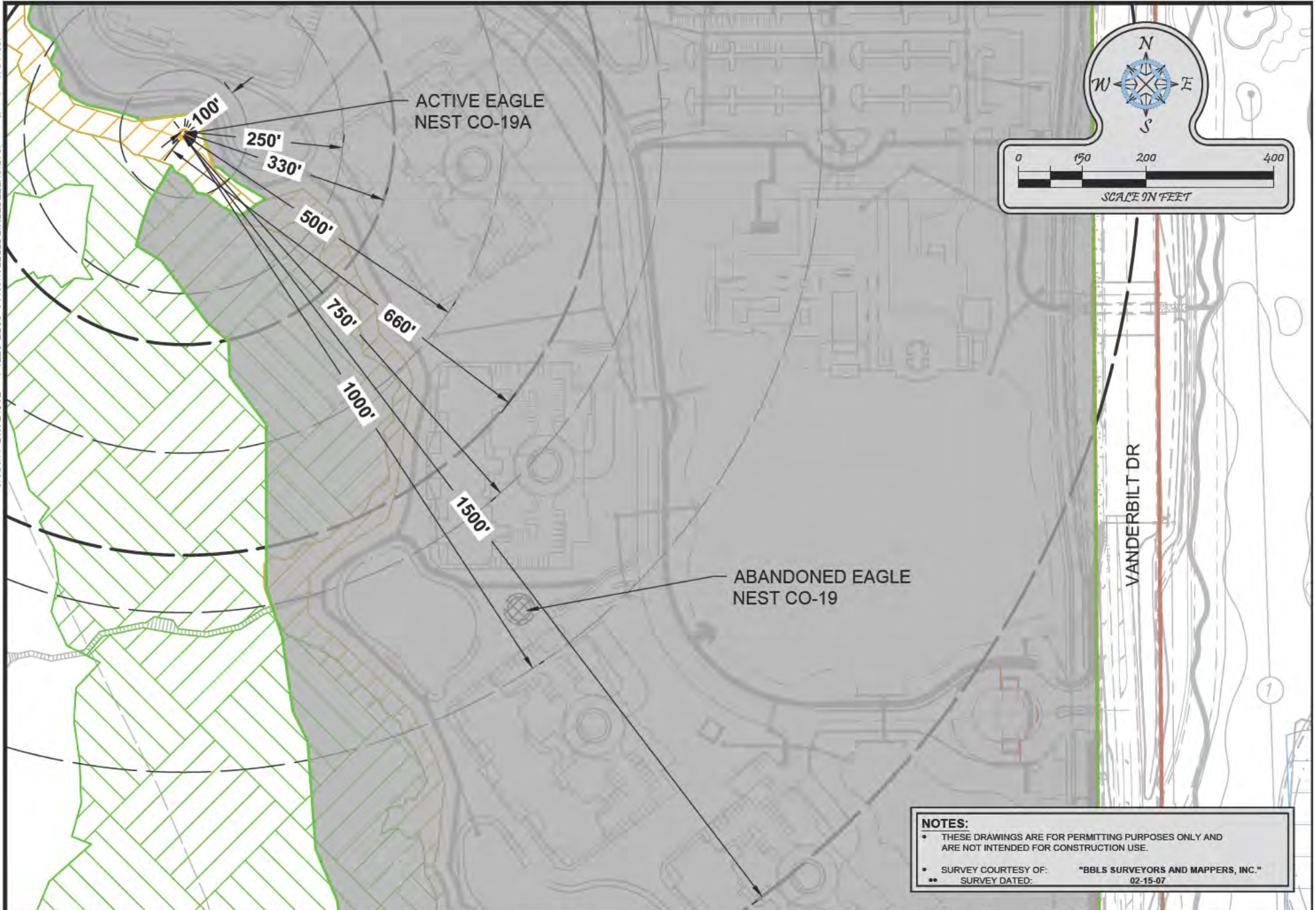
# COCO HATCHEE BAY PRESERVE MAP

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DESIGNED:	TH	REV#	REV BY	DATE	CHK BY	CHANGED
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	07 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:19911\_9.kinsale golf course CAD SHEET PERMIT FEDERAL 1911\_9\_CORE\_SETA.dwg EAGLE MAP 1/18/2016



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# COCO HATCHEE BAY

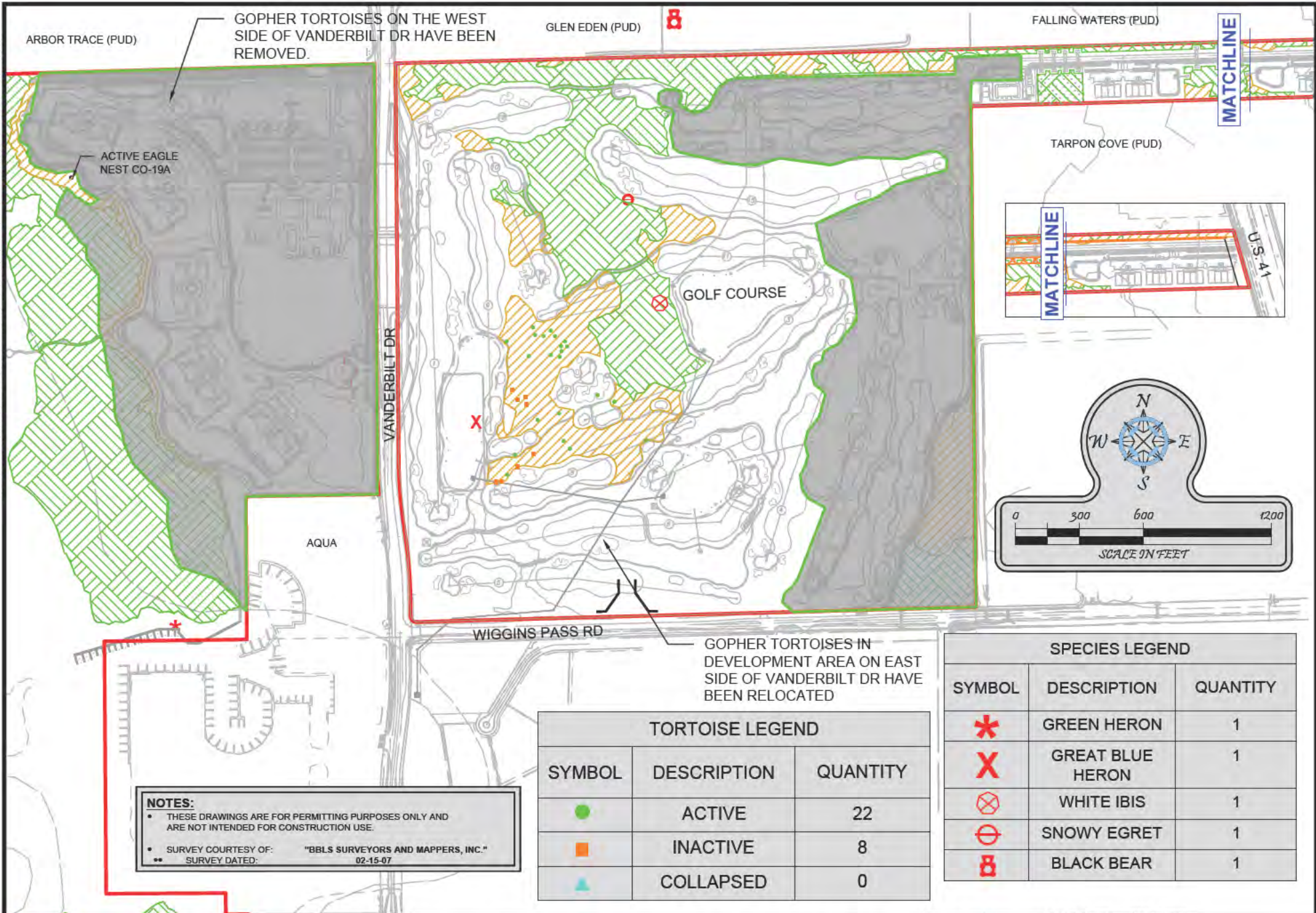
## EAGLE MAP

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DESIGNED:	TH	REV#	REV BY:	DATE:	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	08 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911 9\final\9911.gd\sheet\perm\1-FEDERAL\9911\_9\_CORE\_SET\ADWG\_SPECIES MAP 11/8/2016



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- SURVEY DATED: 02-15-07

TORTOISE LEGEND		
SYMBOL	DESCRIPTION	QUANTITY
●	ACTIVE	22
■	INACTIVE	8
▲	COLLAPSED	0

SPECIES LEGEND		
SYMBOL	DESCRIPTION	QUANTITY
*	GREEN HERON	1
X	GREAT BLUE HERON	1
⊗	WHITE IBIS	1
⊕	SNOWY EGRET	1
⊞	BLACK BEAR	1



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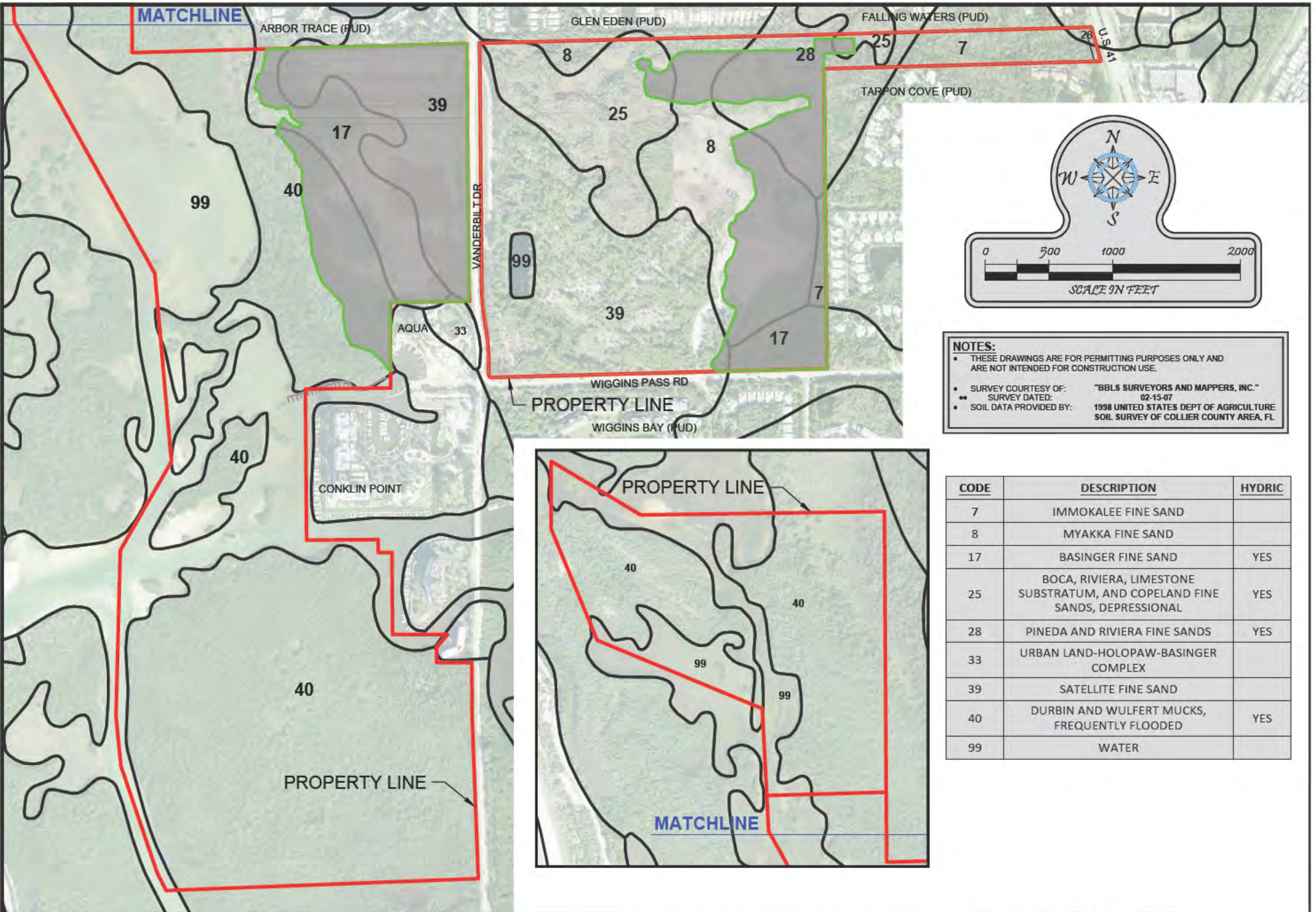
# COCO HATCHEE BAY SPECIES MAP

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DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-18	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	09 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\99111\_9\_kinealee\_golf\_course\CAD\SHSHEET\PERMIT-F-EDERAL\9911\_9\_COORE\_SET\TA.dwg SOIL S MAP 11/8/2016



**NOTES:**

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- SURVEY DATED: 02-15-07
- SOIL DATA PROVIDED BY: 1998 UNITED STATES DEPT OF AGRICULTURE SOIL SURVEY OF COLLIER COUNTY AREA, FL

CODE	DESCRIPTION	HYDRIC
7	IMMOKALEE FINE SAND	
8	MYAKKA FINE SAND	
17	BASINGER FINE SAND	YES
25	BOCA, RIVIERA, LIMESTONE SUBSTRATUM, AND COPELAND FINE SANDS, DEPRESSIONAL	YES
28	PINEDA AND RIVIERA FINE SANDS	YES
33	URBAN LAND-HOLOPAW-BASINGER COMPLEX	
39	SATELLITE FINE SAND	
40	DURBIN AND WULFERT MUCKS, FREQUENTLY FLOODED	YES
99	WATER	

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# COCO HATCHEE BAY

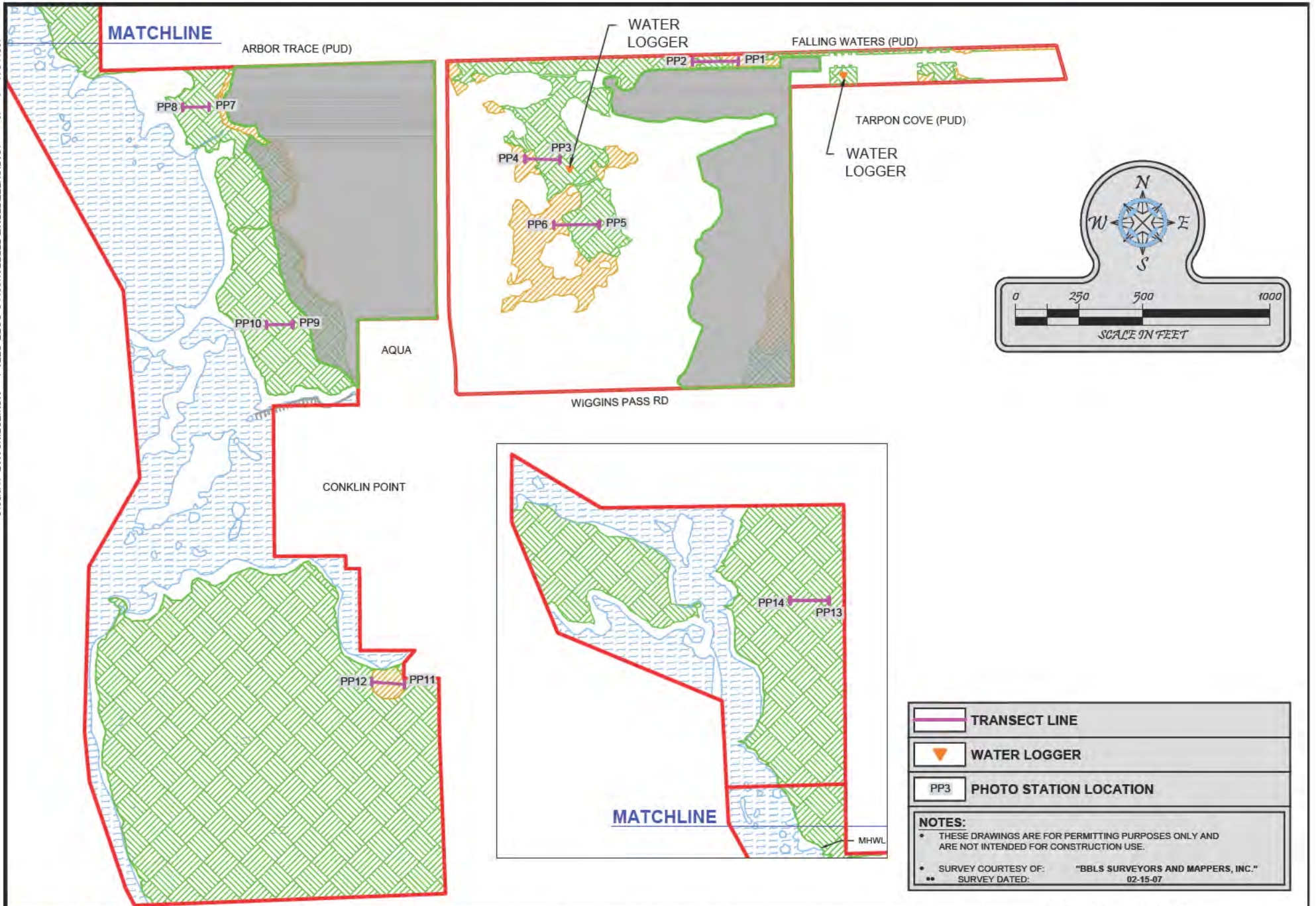
## SOILS MAP

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DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	10 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E

p:\9911.9\knsale.gd\course\CAD\SHEET\PERMIT\_FEDERAL\9911.9\_CORE\_SET\A.dwg MONITORING MAP 11/8/2016



	TRANSECT LINE
	WATER LOGGER
	PP3 PHOTO STATION LOCATION

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# COCO HATCHEE BAY

## MONITORING MAP

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DESIGNED:	TH	REV#	REV BY:	DATE	CHK BY:	CHANGED:
DRAWN BY:	RMJ	1.	-	-	-	-
CREATED:	11-07-16	2.	-	-	-	-
JOB NO.:	9911.9	3.	-	-	-	-
SHEET NO.:	11 OF 11	4.	-	-	-	-
		5.	-	-	-	-

SECTION- 8,16,17,20 TOWNSHIP- 48 S RANGE- 25 E