DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
1520 ROYAL PALM SQUARE BLVE, SUITE 310
FORT MYERS, FLORIDA

REPLY TO
ATTENTION OF

June 19, 2020

Regulatory Division
West Permits Branch
Fort Myers Permits Section

PUBLIC NOTICE

Permit Application Number SAJ-2003-11158

TO WHOM IT MAY CONCERN: The Jacksonville District of the U.S. Army Corps of Engineers (Corps) has received an application for a time extension (TE) of a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) as described below:

APPLICANT: Hacienda Lakes of Naples, LLC
c/o David Torres, Manager
7742 Alico Road
Fort Myers, Florida 33912

WATERWAY AND LOCATION: The project is located within the Big Cypress Swamp Drainage Basin and adjacent to the western portion of Picayune Strand State Forest within Section 14, Township 50 South, Range 26 East, Collier County, Florida. The site is located in the Upper Henderson Creek Watershed (HUC 12 030902040601).

Directions to the site are as follows: From Interstate 75 (I-75) take County Road (CR) 951 (Collier Blvd) south for approximately 2.5 miles. The project site is located on the east side of CR 951. The project contains offsite mitigation parcels which are located on the east side of the project site. Travel approximately 4.25 miles east of CR 951 on Sabal Palm Road to those off-site mitigation locations.

APPROXIMATE CENTRAL COORDINATES:

Project Site	Latitude: 26.112155 North Longitude: -81.672666 West
Offsite Mitigation (N)	Latitude: 26.116043 North Longitude: -81.591264 West
Offsite Mitigation (S)	Latitude: 26.112236 North Longitude: -81.591266 West

PROJECT PURPOSE:

Basic: Mixed Use Development

Overall: Mixed-use development (residential, recreational and commercial) and associated infrastructure, with access to major roadways and proximal access to the Interstate, in southeast Collier County, Florida.

EXISTING CONDITIONS: The project (development) site is 2,262.14± acres comprised of 496.72± acres of uplands, 1,747.79± acres of wetlands and 17.63± acres of other (jurisdictional) waters of the U.S. (WOTUS)

The site is located along the east side of CR 951 extending one and a half miles to the east at its northern end and extending three miles to the east at its southern end.

Approximately two-thirds of the project site is located north of Sabal Palm Road and one third is south of Sabal Palm Road. The Willow Run Quarry is along the northern project boundary and scattered single family residences and the Winding Cypress DRI are located along the southern project boundary. The Picayune Strand State Forest is located to the east. The Florida Sports Park and Collier County Sheriff Junior Deputy facility is located in the central portion of the project site. The remaining portions of the project are undeveloped lands. A 45 acre± undeveloped outparcel owned by the State is located within an eastern portion of the project.

The site's wetlands consist of palustrine forested and palustrine emergent wetland systems. The site contains recreational lands, unimproved pasture, rural open lands, tropical hardwood hammock, utility easements and roads. The palustrine systems include wet prairie, freshwater marsh, pine flatwoods and burned forested areas of mixed pine and cypress. The dominant vegetation onsite is a mixed pine and cypress freshwater forested system containing slash pine, cypress, cabbage palm, melaleuca, Brazilian pepper, swamp fern, rush fuirena, corkwood, water pennywort, and rosy camphorweed. Most of the forested habitats on the project site are highly infested with melaleuca.

PERMITTING HISTORY: A corps permit (No. SAJ 2003-11158) was issued for the project on 27 September 2012, authorizing the discharge of fill into 350.12± acres of wetlands, 4.39± acres of other WOTUS, 0.25± acres of offsite waters, and the excavation of 93.43± acres of wetlands. Impacts are to be conducted through various development phases. Compensatory mitigation is being provided through the conversion of 2.74± acres of other WOTUS to wetlands, the enhancement and restoration of 1344.02± acres of wetlands, and 0.32± acres of other WOTUS, along with the enhancement of 282.83± acres of uplands. The mitigation areas are both onsite and directly adjacent off-site and are contiguous with the Picayune Strand State Forest. All the mitigation areas are to be preserved in perpetuity.

The Corps permit was previously modified on 10 June 2015. That modification authorized the reconfiguration of the project plans within one Development Phase. No changes to the amount of impacts were requested or authorized under that modification.

A second Corps permit modification was issued on 3 April 2018, authorizing the use of mechanical equipment within the project preserve areas to aid in the removal of exotic vegetation from those mitigation areas. Additionally, the development and mitigation phases were re-labeled under that permit modification, but no changes to the amount of wetland impacts where proposed or authorized, under that Mod.

On 16 August 2019, prior to permit expiration date this request for a time extension (TE) to the original permit was submitted to the Corps.

PROPOSED WORK: The applicant seeks a permit TE to continue construction of the authorized mixed-use development along with the roads, surface water management system and other associated infrastructure. The remainder of the previously authorized project, to be completed with this TE, will directly impact the same amount and type of waters i.e. 350.12± acres of wetlands, 4.39± acres of other WOTUS, 0.25± acres of offsite waters (for an offsite canal crossings) and the excavation 93.43± acres of wetlands as well as the ongoing work for on-site and off-site mitigation areas.

AVOIDANCE AND MINIMIZATION INFORMATION – Avoidance and minimization measures were addressed during the permit application review for Corps authorization (SAJ 2003-11158), previously referenced and issued 27 September 2012. As stated previously this request is for a TE to the construction window of the work previously authorized.

COMPENSATORY MITIGATION – The compensatory mitigation required in the original permit instrument to offset the unavoidable functional loss to the aquatic environment was a follows: The conversion of 2.74± acres of waters to wetlands, restoring and enhancing 1344.02± acres of wetlands, 0.32± acres of other WOTUS and enhancing 282.83± acres of uplands. All mitigation areas are to be preserved in perpetuity. Both the mitigation work and the development are currently in progress. The mitigation areas are protected via conservation easements granted to the South Florida Water Management District, with third party enforcement rights granted to the Corps.

CULTURAL RESOURCES:

A cultural resource assessment survey was conducted by Archaeological and Historical Conservancy in 2004 and 2005 which identified five prehistoric sites within in the project limits. The surveys were coordinated with the Florida State Division of Historical Resources (DHR) which recommend avoidance of the archaeological sites. The project development plan was then re-designed to avoid impacts to the archeological sites and to preserve them within the onsite wet land conservation areas. By correspondence dated 9 June 2010, the DHR stated they were satisfied with the preservation plan of the archaeological sites further stating that “no historic properties are likely to be adversely affected by the development of the project”.

ENDANGERED SPECIES:

On 18 July 2012, the US Fish and Wildlife Service (FWS) issued a Biological Opinion (BO) for the project which addressed project related impacts to the Eastern indigo snake, red cockaded woodpecker, wood stork and Florida panther. An updated BO was issued by the FWS on 4 August 2017, addressing project related impacts associated with the Florida bonneted bat.

No other ESA listed species or their habitat have been identified that may be directly affected by this project.

ESSENTIAL FISH HABITAT (EFH): This project is not expected to have any effects on EFH.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification may be required from the Florida Department of Environmental Protection and/or one of the state Water Management Districts.

COMMENTS regarding the potential authorization of the work proposed should be submitted in writing to the attention of District Engineer through the Fort Myers Permit Section, 1520 Royal Palm Square Boulevard, Suite 310, Fort Myers, Florida 33919 within 21 days from the date of this notice.

The decision whether to issue or deny this permit TE application will be based on the information received from this public notice and the evaluation of the probable impacts to the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as the compensatory mitigation proposed.

QUESTIONS concerning this application should be directed to the project manager, Robert Tewis, in writing at the U.S. Army Corps of Engineers, Ft. Myers Permits Section, 1520 Royal Palm Square Blvd., Ste. 310, Fort Myers, Florida, 33919; by electronic mail at robert.m.tewis@usace.army.mil; by facsimile transmission at (239) 334-0797; or by telephone at (239) 334-1975 ext. 0012.

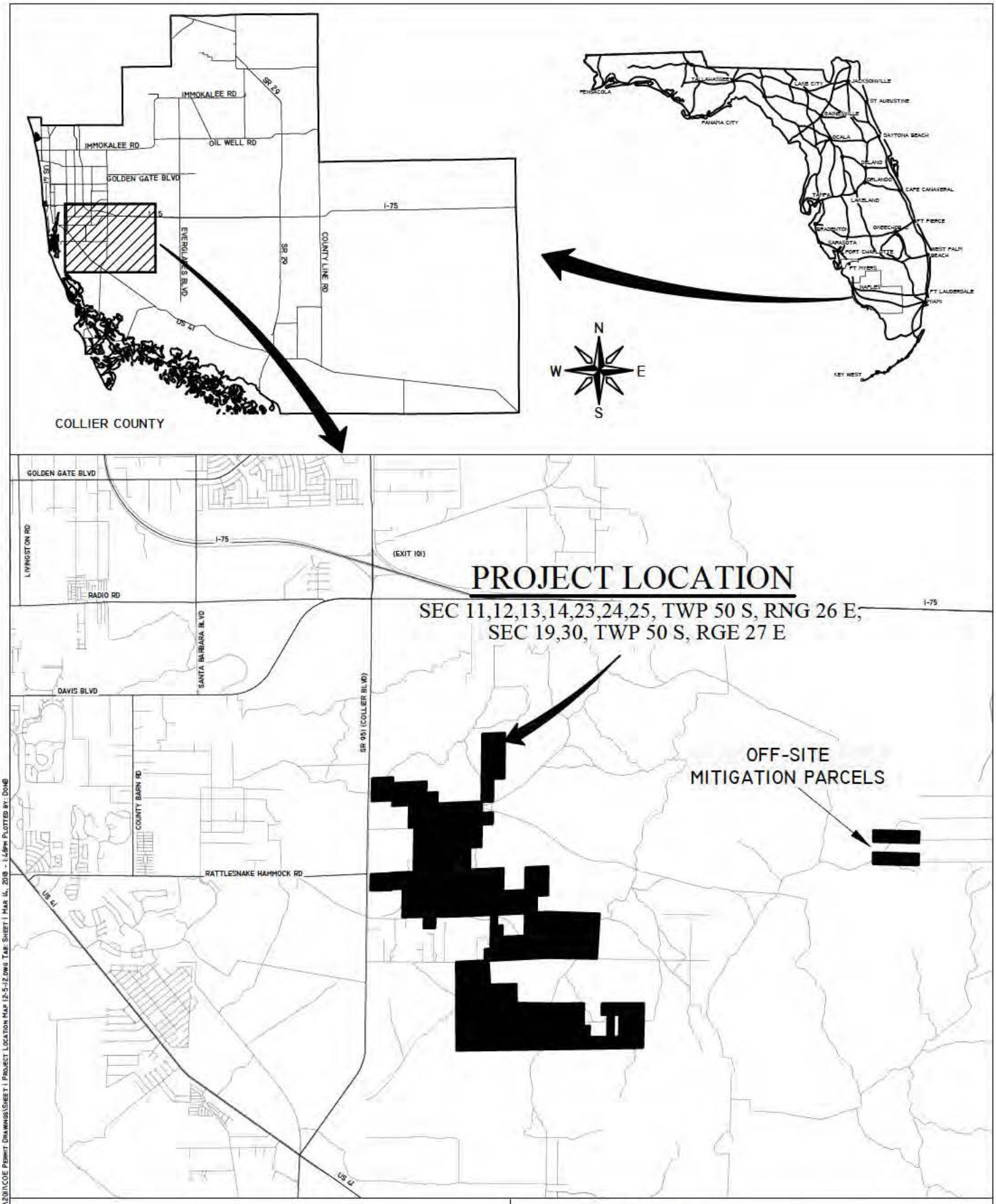
IMPACT ON NATURAL RESOURCES: Coordination with the FWS, the Environmental Protection Agency (EPA), the National Marine Fisheries Services (NMFS), and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit TE will be granted unless its issuance is found to be contrary to the public interest.

The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

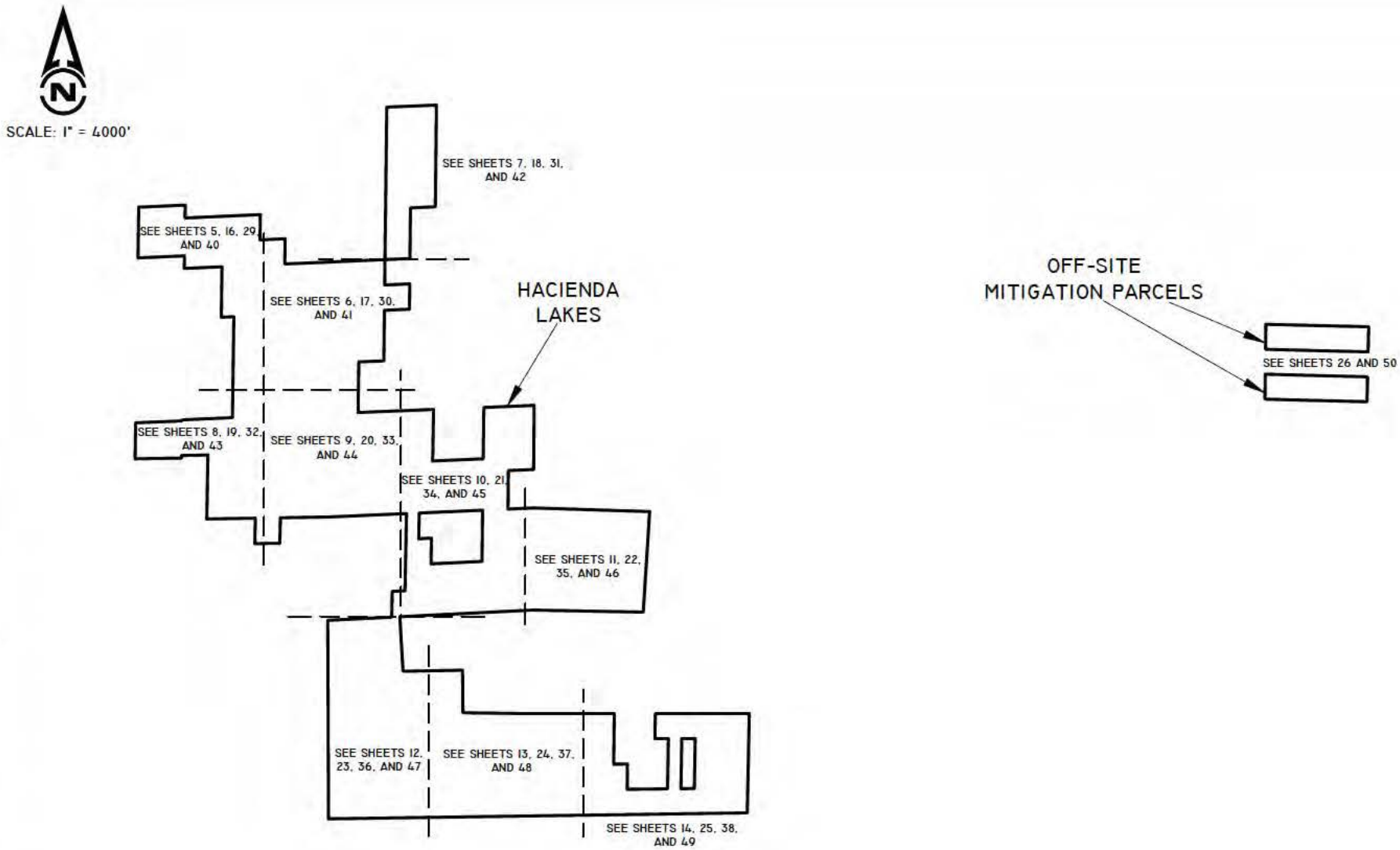
COASTAL ZONE MANAGEMENT CONSISTENCY: In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with the Coastal Zone Management Plan.

REQUEST FOR PUBLIC HEARING: Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.



PROJECT NAME: HACIENDA LAKES	PROJECT LOCATION MAP	
	DWG. NO. 01MTT737-1	SHEET: 1 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS:	N.T.S.

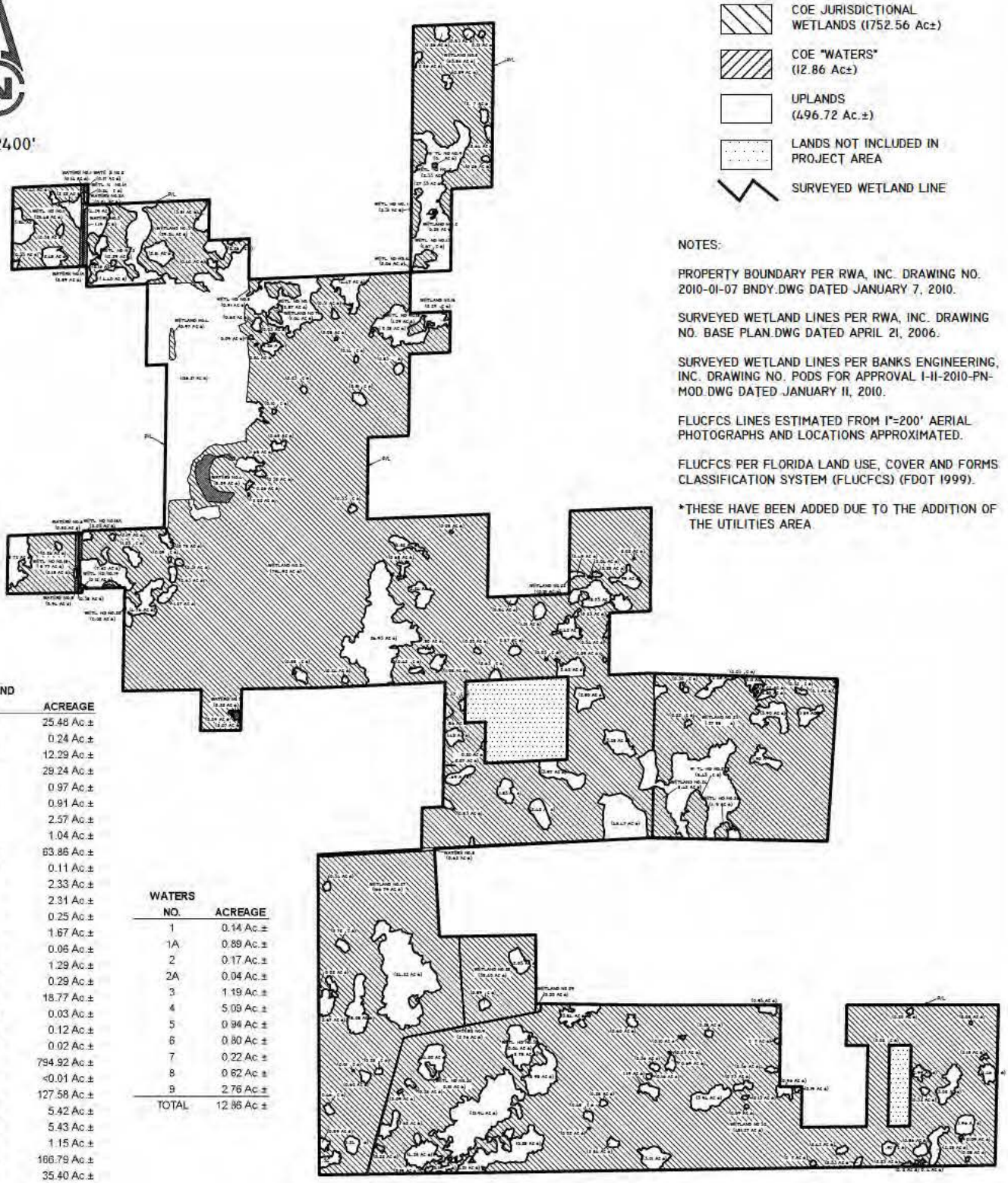
J:\2001\01mtt737\HACIENDA LAKES\201\COE PERMIT DRAWINGS\SHEET 1 | PROJECT LOCATION MAP 12-5-12.DWG TAB: SHEET 1 MAR 14, 2018 - 1:46PM PLOTTED BY: DONB



PROJECT NAME: HACIENDA LAKES	KEY SHEET	
	DWG. NO. 01MTT737-2	SHEET: 2 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 12/27/11
	REVISIONS: 9/14/12	SCALE: 1"=500'

J:\2001\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 2 KEY SHEET 12-5-12.DWG TAB: SHEET 2 MAR 14, 2018 - 1:48PM PLOTTED BY: DONB

1"= 2400'



LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

WETLAND NO.	ACREAGE
1	25.48 Ac.±
1A	0.24 Ac.±
2	12.29 Ac.±
3	29.24 Ac.±
4	0.97 Ac.±
5	0.91 Ac.±
6	2.57 Ac.±
7	1.04 Ac.±
8	63.86 Ac.±
9	0.11 Ac.±
10	2.33 Ac.±
11	2.31 Ac.±
12	0.25 Ac.±
13	1.67 Ac.±
14	0.06 Ac.±
15	1.29 Ac.±
16	0.29 Ac.±
18	18.77 Ac.±
18A	0.03 Ac.±
19	0.12 Ac.±
20	0.02 Ac.±
21	794.92 Ac.±
22	<0.01 Ac.±
23	127.58 Ac.±
24	5.42 Ac.±
25	5.43 Ac.±
26	1.15 Ac.±
27	166.79 Ac.±
28	35.40 Ac.±
29	0.20 Ac.±
30	0.51 Ac.±
31	0.04 Ac.±
32	451.27 Ac.±
TOTAL	1752.56 Ac.±

WATERS NO.	ACREAGE
1	0.14 Ac.±
1A	0.89 Ac.±
2	0.17 Ac.±
2A	0.04 Ac.±
3	1.19 Ac.±
4	5.09 Ac.±
5	0.94 Ac.±
6	0.80 Ac.±
7	0.22 Ac.±
8	0.62 Ac.±
9	2.76 Ac.±
TOTAL	12.86 Ac.±

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-3	SHEET: 3 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=2400'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

WETLAND NO.	ACREAGE
1	25.48 Ac.±
1A	0.24 Ac.±
2	12.29 Ac.±
3	29.24 Ac.±
4	0.97 Ac.±
5	0.91 Ac.±
6	2.57 Ac.±
7	1.04 Ac.±
8	63.86 Ac.±
9	0.11 Ac.±
10	2.33 Ac.±
11	2.31 Ac.±
12	0.25 Ac.±
13	1.67 Ac.±
14	0.06 Ac.±
15	1.29 Ac.±
16	0.29 Ac.±
18	18.77 Ac.±
18A	0.03 Ac.±
19	0.12 Ac.±
20	0.02 Ac.±
21	794.92 Ac.±
22	<0.01 Ac.±
23	127.58 Ac.±
24	5.42 Ac.±
25	5.43 Ac.±
26	1.15 Ac.±
27	166.79 Ac.±
28	35.40 Ac.±
29	0.20 Ac.±
30	0.51 Ac.±
31	0.04 Ac.±
32	451.27 Ac.±
TOTAL	1752.56 Ac.±

WATERS NO.	ACREAGE
1	0.14 Ac.±
1A	0.89 Ac.±
2	0.17 Ac.±
2A	0.04 Ac.±
3	1.19 Ac.±
4	5.09 Ac.±
5	0.94 Ac.±
6	0.80 Ac.±
7	0.22 Ac.±
8	0.62 Ac.±
9	2.76 Ac.±
TOTAL	12.86 Ac.±

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP-LEGEND	
	DWG. NO. 01MTT737-4	SHEET: 4 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: N/A

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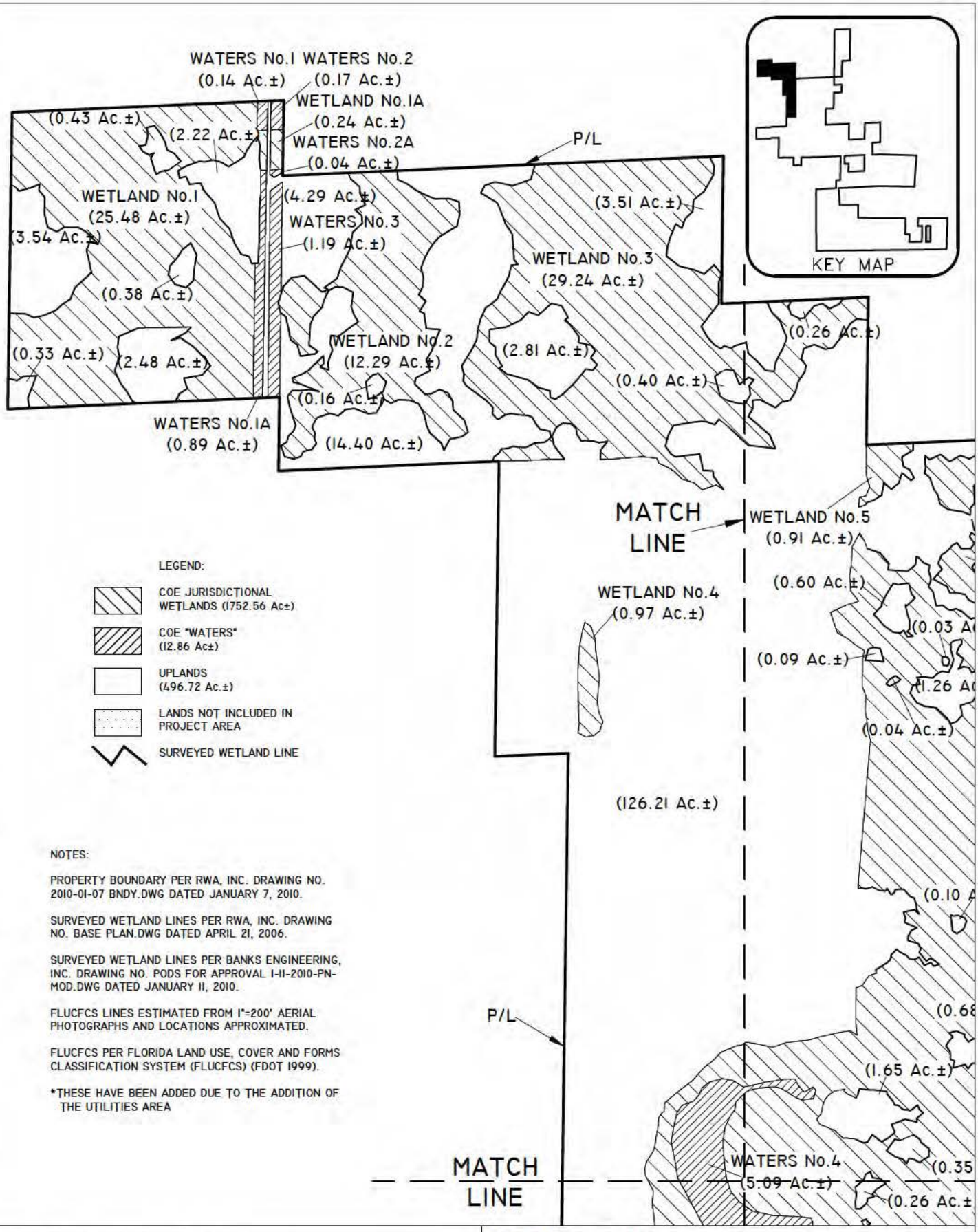

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

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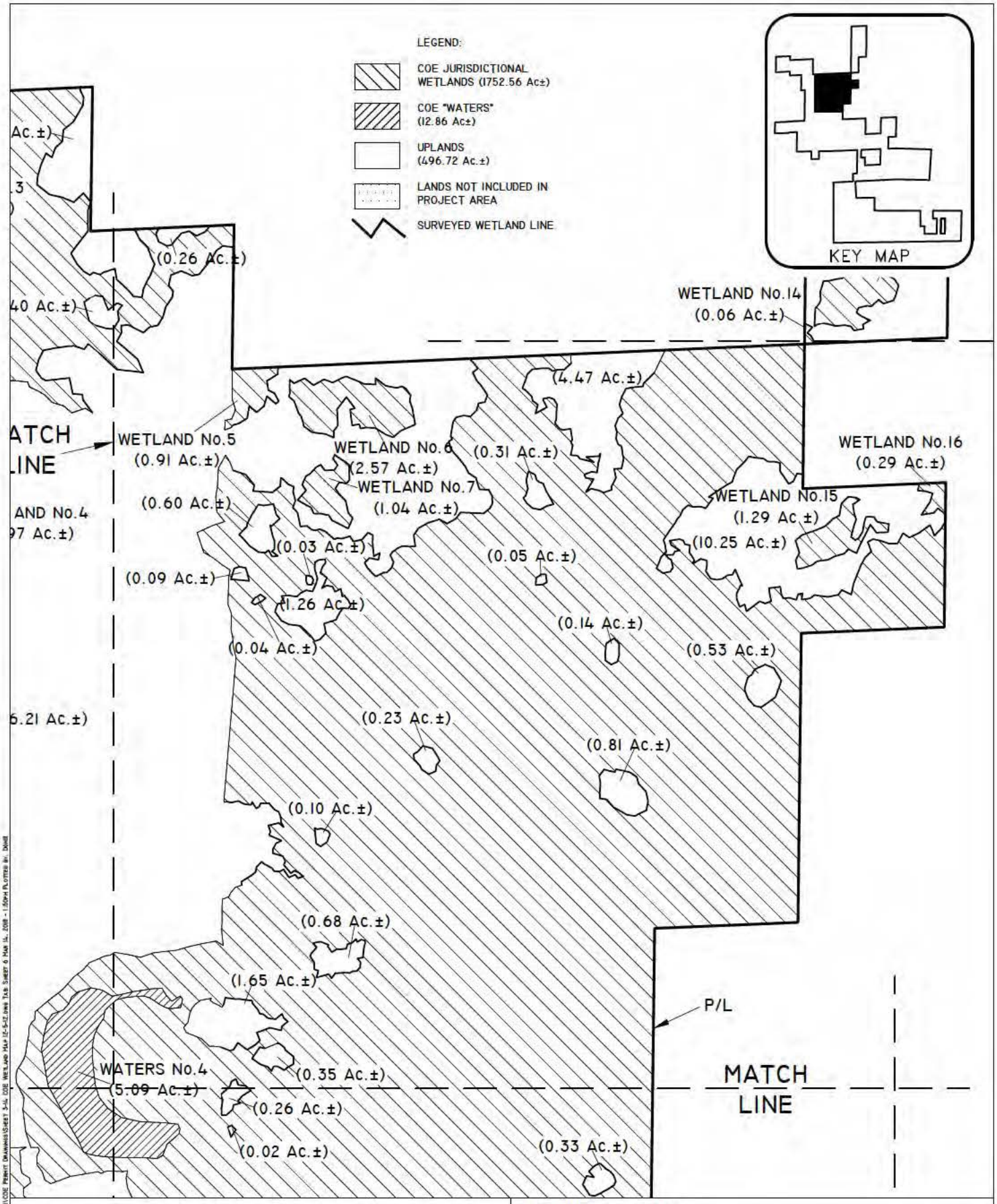
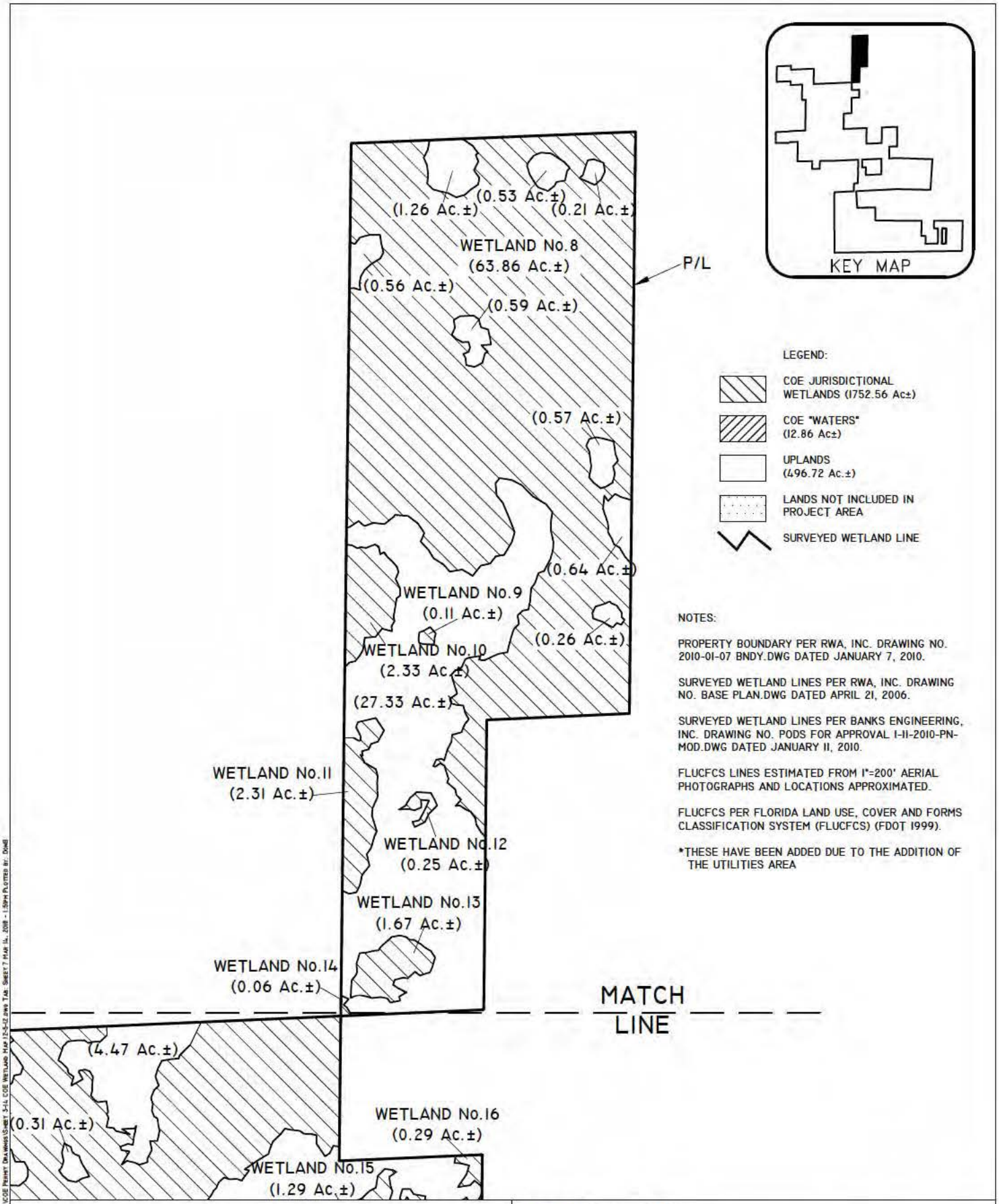
FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

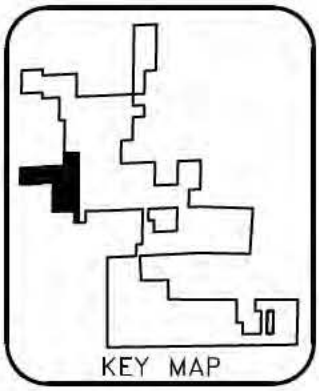
PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-5	SHEET: 5 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-6	SHEET: 6 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-7	SHEET: 7 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



P/L

MATCH LINE

(1.65 A

WATERS No.4
(5.09 Ac.±)

(0.2

(0.02

WATERS No.6
(0.80 Ac.±)

WETLAND No.18A
(0.03 Ac.±)

(0.19 Ac.±)

(1.23 Ac.±)

(0.75 Ac.±)

(0.09 Ac.±)

(0.26 Ac.±)

(5.72 Ac.±)

WETLAND No.18
(18.77 Ac.±)

(0.15 Ac.±)

(7.62 Ac.±)

WETLAND No.19
(0.12 Ac.±)

(0.31 Ac.±)

(0.63 Ac.±)

WATERS No.5
(0.94 Ac.±)

(0.38 Ac.±)

(1.07 Ac.±)

WETLAND No.20
(0.02 Ac.±)

(4.76 Ac.±)

LEGEND:

COE JURISDICTIONAL WETLANDS (1752.56 Ac±)

COE "WATERS" (12.86 Ac±)

UPLANDS (496.72 Ac.±)

LANDS NOT INCLUDED IN PROJECT AREA

SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

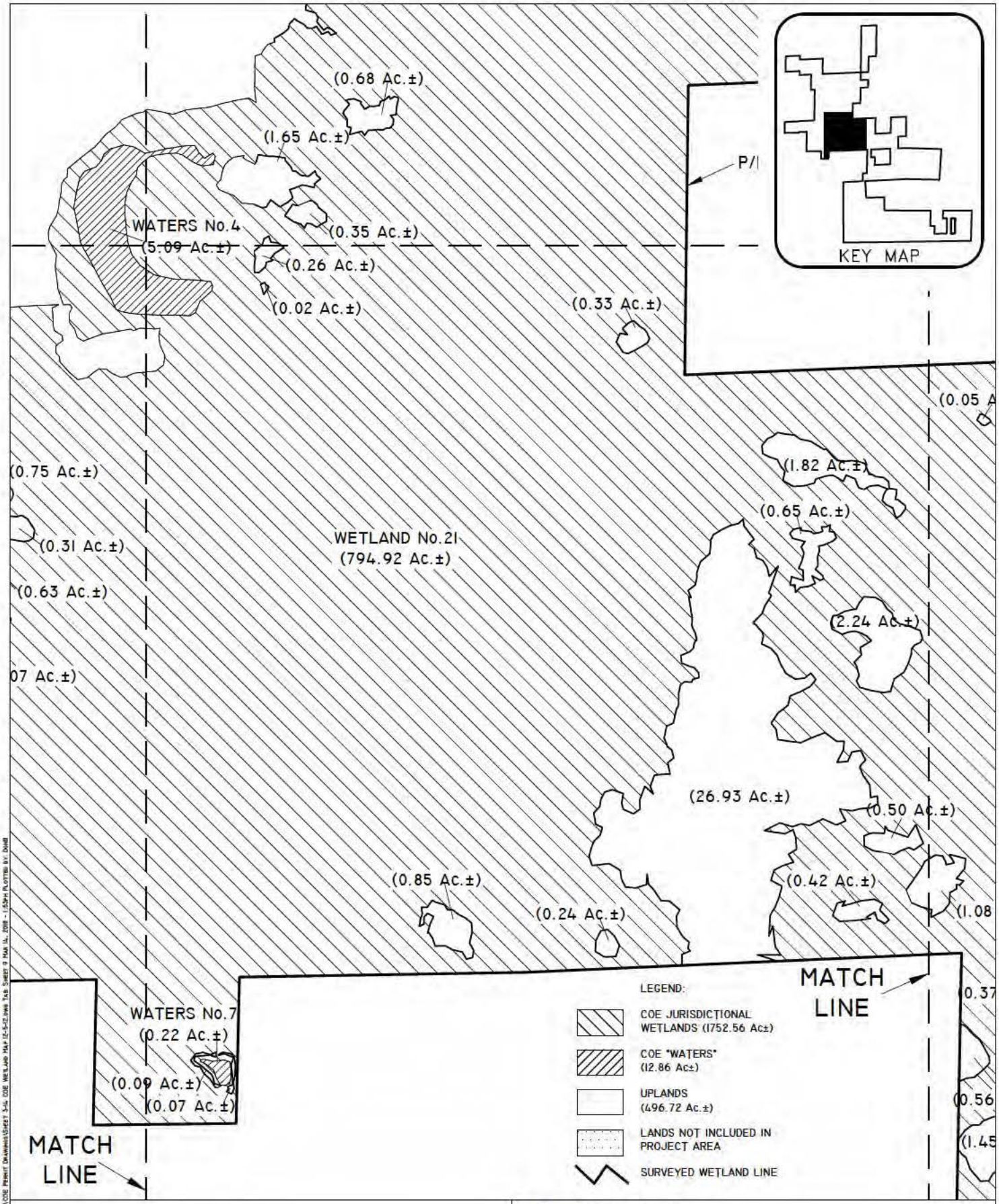
WATERS No.7
(0.22 Ac.±)

(0.09 Ac.±)

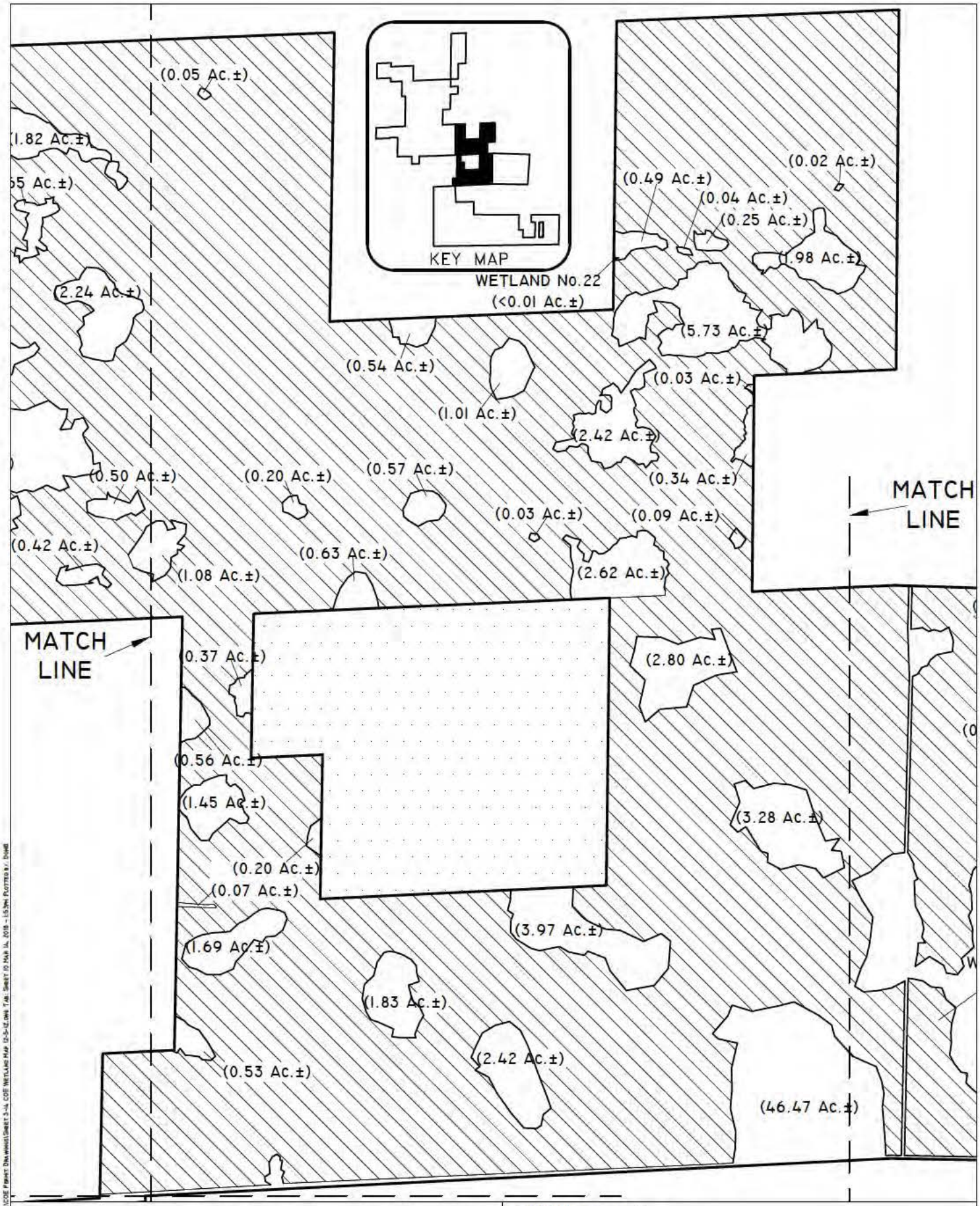
(0.07 Ac.±)

MATCH LINE

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-8	SHEET: 8 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



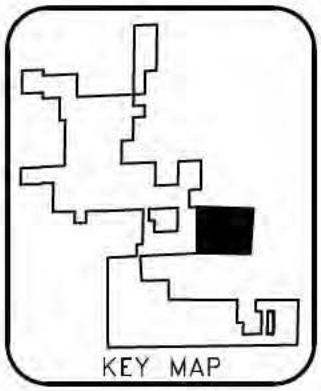
PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-9	SHEET: 9 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-10	SHEET: 10 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE



NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

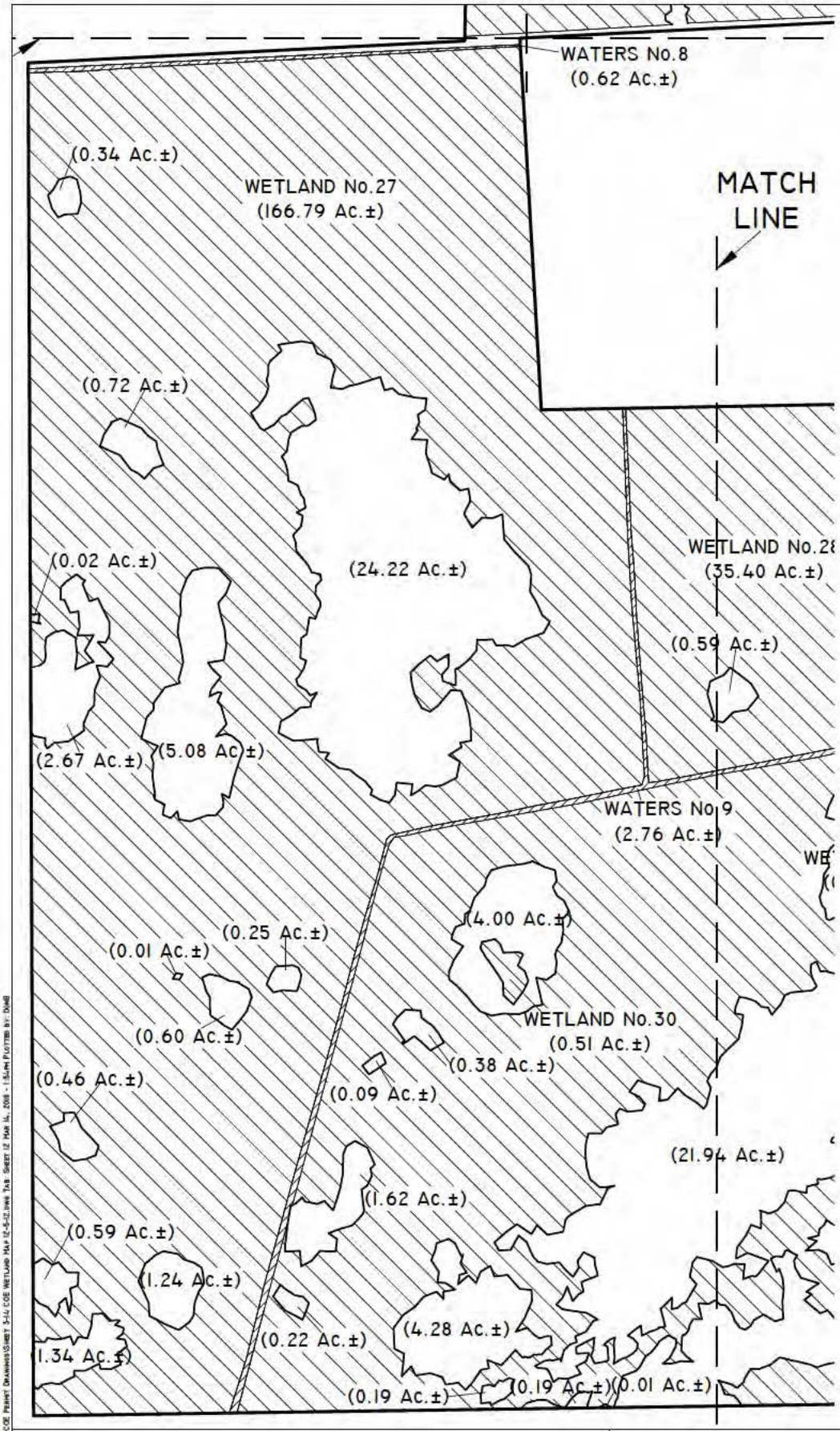
*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

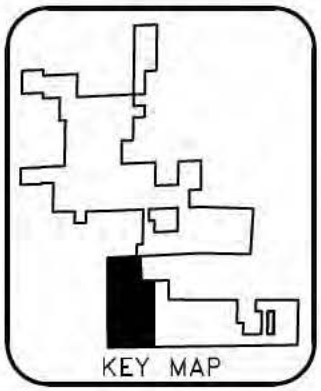
(0.02 Ac.±)
(0.49 Ac.±)
(0.04 Ac.±)
(0.25 Ac.±)
(1.98 Ac.±)
(5.73 Ac.±)
(0.03 Ac.±)
2 Ac.±)
(0.34 Ac.±)
(0.09 Ac.±)
62 Ac.±)
(2.80 Ac.±)
(3.28 Ac.±)
(46.47 Ac.±)

MATCH LINE

(0.03 Ac.±)
(0.30 Ac.±)
(2.26 Ac.±)
(1.11 Ac.±)
(0.02 Ac.±)
(0.80 Ac.±)
(0.32 Ac.±)
(0.11 Ac.±)
(0.22 Ac.±)
WETLAND No.23
(127.58 Ac.±)
(3.90 Ac.±)
(1.89 Ac.±)
(1.90 Ac.±)
WETLAND No.25
(5.43 Ac.±)
WETLAND No.24
(5.42 Ac.±)
WETLAND No.26
(1.15 Ac.±)

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-11	SHEET: 11 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'





LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO.2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO.BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-12	SHEET: 12 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

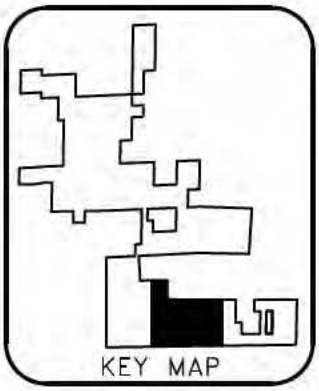
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA



MATCH LINE

MATCH LINE

(2.03 Ac.±)

WETLAND No.28 (35.40 Ac.±)

.59 Ac.±)

WETLAND No.29 (0.20 Ac.±)

(3.54 Ac.±)

(0.60 Ac.±)

(0.28 Ac.±)

No.9 .±)

WETLAND No.31 (0.04 Ac.±)

(5.75 Ac.±)

(0.10 Ac.±)

(0.03 Ac.±)

(0.36 Ac.±)

(0.69 Ac.±)

(0.36 Ac

(5.95 Ac.±)

(1.19 Ac.±)

(0.16 Ac.±)

(0.73 Ac.±)

(0.25 Ac.±)

(3.94 Ac.±)

(0.45 Ac.±)

.94 Ac.±)

(0.09 Ac.±

WETLAND (451.27 A

(0.02 Ac.±)

(10.28 Ac.±)

(0.54 Ac.±)

(3.01 Ac.±)

±)

PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-13	SHEET: 13 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- UPLANDS (496.72 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

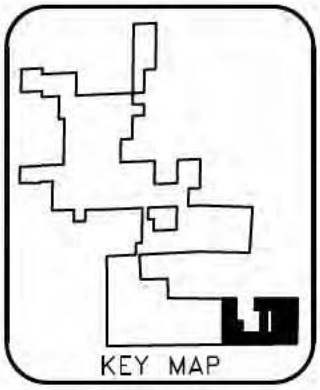
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

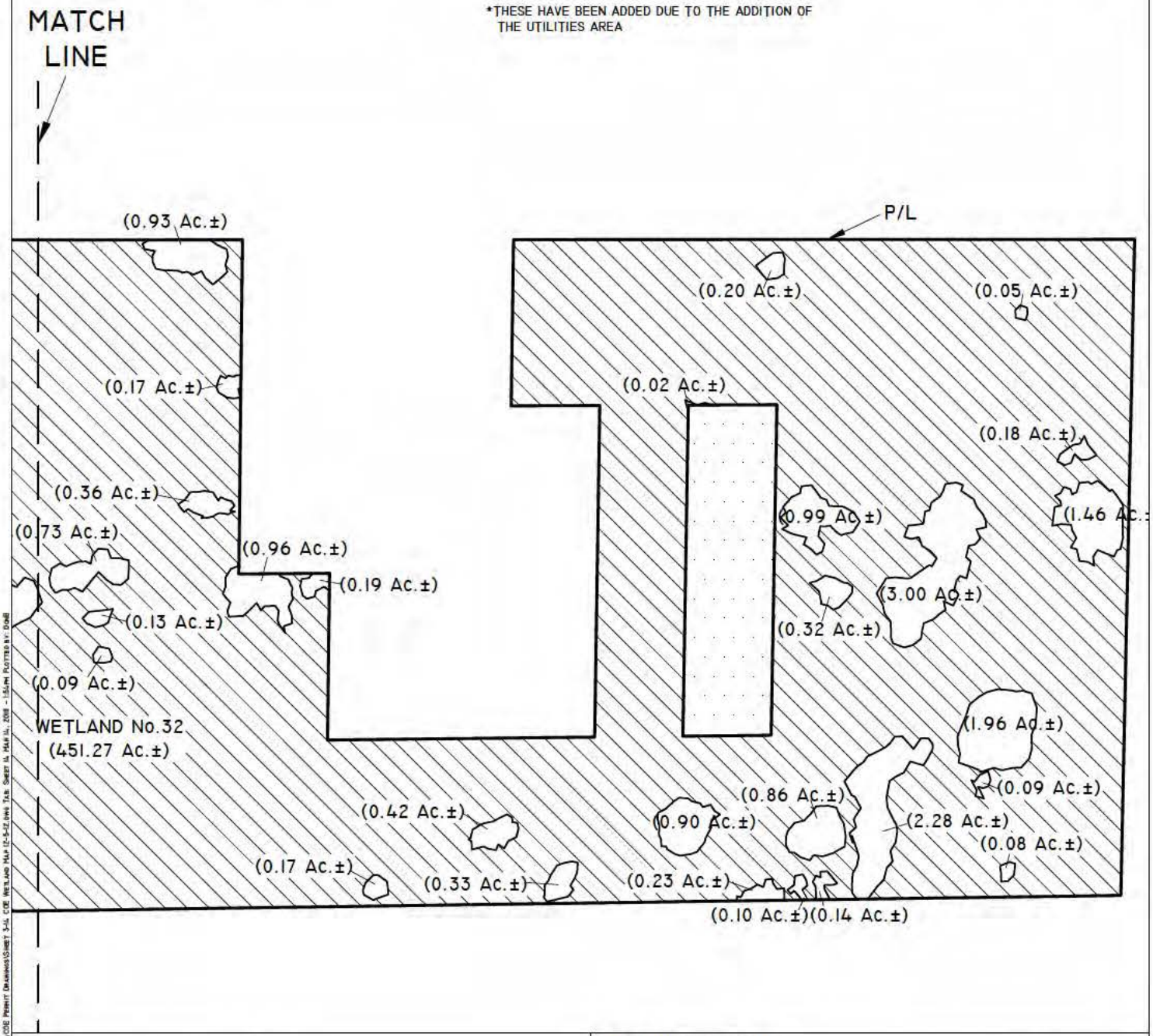
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

*THESE HAVE BEEN ADDED DUE TO THE ADDITION OF THE UTILITIES AREA





PROJECT NAME: HACIENDA LAKES	COE WETLAND MAP	
	DWG. NO. 01MTT737-14	SHEET: 14 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

COE JURISDICTIONAL WETLANDS (1752.56 Ac±)

COE "WATERS" (12.86 Ac±)

LANDS NOT INCLUDED IN PROJECT AREA

SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

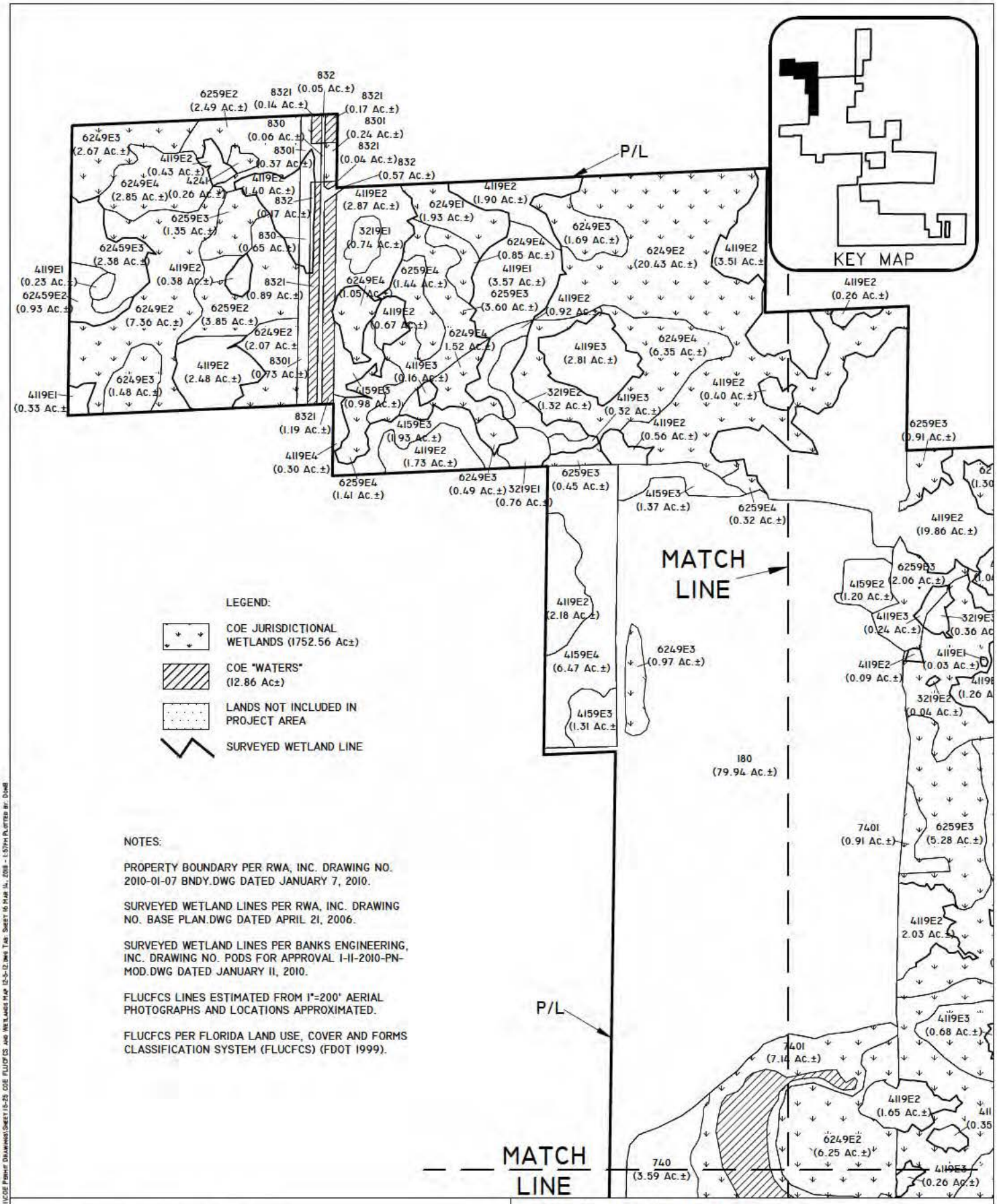
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

FLUCFCS CODE	DESCRIPTION		% OF TOTAL
180	RECREATIONAL	79.94 Ac. ±	3.5%
212	UNIMPROVED PASTURE	9.37 Ac. ±	0.4%
260	RURAL OPEN LAND	10.56 Ac. ±	0.5%
262	LOW PASTURE, HYDRIC	54.24 Ac. ±	2.4%
3219E1	PALMETTO PRAIRIE, DISTURBED (0-24% EXOTICS)	27.84 Ac. ±	1.2%
3219E2	PALMETTO PRAIRIE, DISTURBED (25-49% EXOTICS)	13.30 Ac. ±	0.6%
3219E3	PALMETTO PRAIRIE, DISTURBED (50-75% EXOTICS)	3.77 Ac. ±	0.2%
3219E4	PALMETTO PRAIRIE, DISTURBED (76-100% EXOTICS)	5.73 Ac. ±	0.3%
4119E1	PINE FLATWOODS, DISTURBED (0-24% EXOTICS)	92.12 Ac. ±	4.1%
4119E2	PINE FLATWOODS, DISTURBED (25-49% EXOTICS)	144.82 Ac. ±	6.4%
4119E3	PINE FLATWOODS, DISTURBED (50-75% EXOTICS)	20.63 Ac. ±	0.9%
4119E4	PINE FLATWOODS, DISTURBED (76-100% EXOTICS)	0.35 Ac. ±	0.0%
4159E2	PINE, DISTURBED (25-49% EXOTICS)	6.95 Ac. ±	0.3%
4159E3	PINE, DISTURBED (50-75% EXOTICS)	11.12 Ac. ±	0.5%
4159E4	PINE, DISTURBED (76-100% EXOTICS)	6.47 Ac. ±	0.3%
4221	BRAZILIAN PEPPER, HYDRIC	1.81 Ac. ±	0.1%
424	MELALEUCA	13.46 Ac. ±	0.6%
4241	MELALEUCA, HYDRIC	345.80 Ac. ±	15.3%
4269E1	TROPICAL HARDWOOD HAMMOCK, DISTURBED (0-24% EXOTICS)	0.61 Ac. ±	0.0%
4269E2	TROPICAL HARDWOOD HAMMOCK, DISTURBED (25-49% EXOTICS)	2.26 Ac. ±	0.1%
4279E1	LIVE OAK, DISTURBED (0-24% EXOTICS)	3.90 Ac. ±	0.2%
4279E2	LIVE OAK, DISTURBED (25-49% EXOTICS)	0.32 Ac. ±	0.0%
4289E1	CABBAGE PALM, DISTURBED (0-24% EXOTICS)	1.38 Ac. ±	0.1%
4289E2	CABBAGE PALM, DISTURBED (25-49% EXOTICS)	19.40 Ac. ±	0.9%
4289E3	CABBAGE PALM, DISTURBED (50-75% EXOTICS)	3.24 Ac. ±	0.1%
4349E1	HARDWOOD/CONIFER MIXED, DISTURBED (0-24% EXOTICS)	1.80 Ac. ±	0.1%
514	DITCH	3.38 Ac. ±	0.1%
6189E1	WILLOW, DISTURBED (0-24% EXOTICS)	10.97 Ac. ±	0.5%
6189E2	WILLOW, DISTURBED (25-49% EXOTICS)	2.48 Ac. ±	0.1%
6219E1	CYPRESS, DISTURBED (0-24% EXOTICS)	157.88 Ac. ±	7.0%
6219E2	CYPRESS, DISTURBED (25-49% EXOTICS)	27.67 Ac. ±	1.2%
6219E3	CYPRESS, DISTURBED (50-75% EXOTICS)	1.45 Ac. ±	0.1%
62459E2	PINE CYPRESS, DISTURBED AND DRAINED (25-49% EXOTICS)	1.32 Ac. ±	0.1%
62459E3	PINE CYPRESS, DISTURBED AND DRAINED (50-75% EXOTICS)	2.38 Ac. ±	0.1%
6249E1	PINE CYPRESS, DISTURBED (0-24% EXOTICS)	288.06 Ac. ±	12.7%
6249E2	PINE CYPRESS, DISTURBED (25-49% EXOTICS)	326.32 Ac. ±	14.4%
6249E3	PINE CYPRESS, DISTURBED (50-75% EXOTICS)	257.80 Ac. ±	11.4%
6249E4	PINE CYPRESS, DISTURBED (76-100% EXOTICS)	27.28 Ac. ±	1.2%
6249BE2	PINE CYPRESS, BURNED (25-49% EXOTICS)	22.84 Ac. ±	1.0%
6249BE3	PINE CYPRESS, BURNED (50-75% EXOTICS)	9.56 Ac. ±	0.4%
6259E1	HYDRIC PINE, DISTURBED (0-24% EXOTICS)	31.54 Ac. ±	1.4%
6259E2	HYDRIC PINE, DISTURBED (25-49% EXOTICS)	28.23 Ac. ±	1.2%
6259E3	HYDRIC PINE, DISTURBED (50-75% EXOTICS)	68.58 Ac. ±	2.9%
6259E4	HYDRIC PINE, DISTURBED (76-100% EXOTICS)	12.37 Ac. ±	0.5%
6259BE3	HYDRIC PINE, BURNED (50-75% EXOTICS)	1.23 Ac. ±	0.1%
6289E1	HYDRIC CABBAGE PALM, DISTURBED (0-24% EXOTICS)	2.41 Ac. ±	0.1%
6289E2	HYDRIC CABBAGE PALM, DISTURBED (25-49% EXOTICS)	6.94 Ac. ±	0.3%
6289E3	HYDRIC CABBAGE PALM, DISTURBED (50-75% EXOTICS)	2.05 Ac. ±	0.1%
6309E1	WETLAND FORESTED MIXED, DISTURBED (0-24% EXOTICS)	19.83 Ac. ±	0.9%
6309E2	WETLAND FORESTED MIXED, DISTURBED (25-49% EXOTICS)	7.21 Ac. ±	0.3%
6319E3	WETLAND SHRUB, DISTURBED (50-75% EXOTICS)	5.83 Ac. ±	0.3%
6419E1	FRESHWATER MARSH, DISTURBED (0-24% EXOTICS)	6.77 Ac. ±	0.3%
6419E2	FRESHWATER MARSH, DISTURBED (25-49% EXOTICS)	10.31 Ac. ±	0.5%
740	DISTURBED LAND	5.55 Ac. ±	0.2%
7401	DISTURBED LAND, HYDRIC	15.55 Ac. ±	0.7%
742	BORROW AREA	5.31 Ac. ±	0.2%
743	SPOIL	0.18 Ac. ±	0.0%
747	BERM	0.93 Ac.	0.0%
814	ROAD	0.32 Ac. ±	0.0%
8140	UNPAVED ROAD	4.10 Ac. ±	0.2%
830	UTILITIES	1.13 Ac. ±	0.0%
8301	UTILITIES, HYDRIC	4.77 Ac. ±	0.2%
832	POWERLINE EASEMENT	1.24 Ac. ±	0.1%
8321	POWERLINE EASEMENT, HYDRIC	4.17 Ac. ±	0.2%
	TOTAL	2262.14 Ac. ±	100.0%

PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP-LEGEND	
	DWG. NO. 01MTT737-15	SHEET: 15 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: N/A



NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-16	SHEET: 16 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

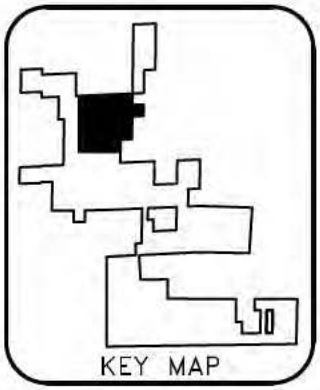
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

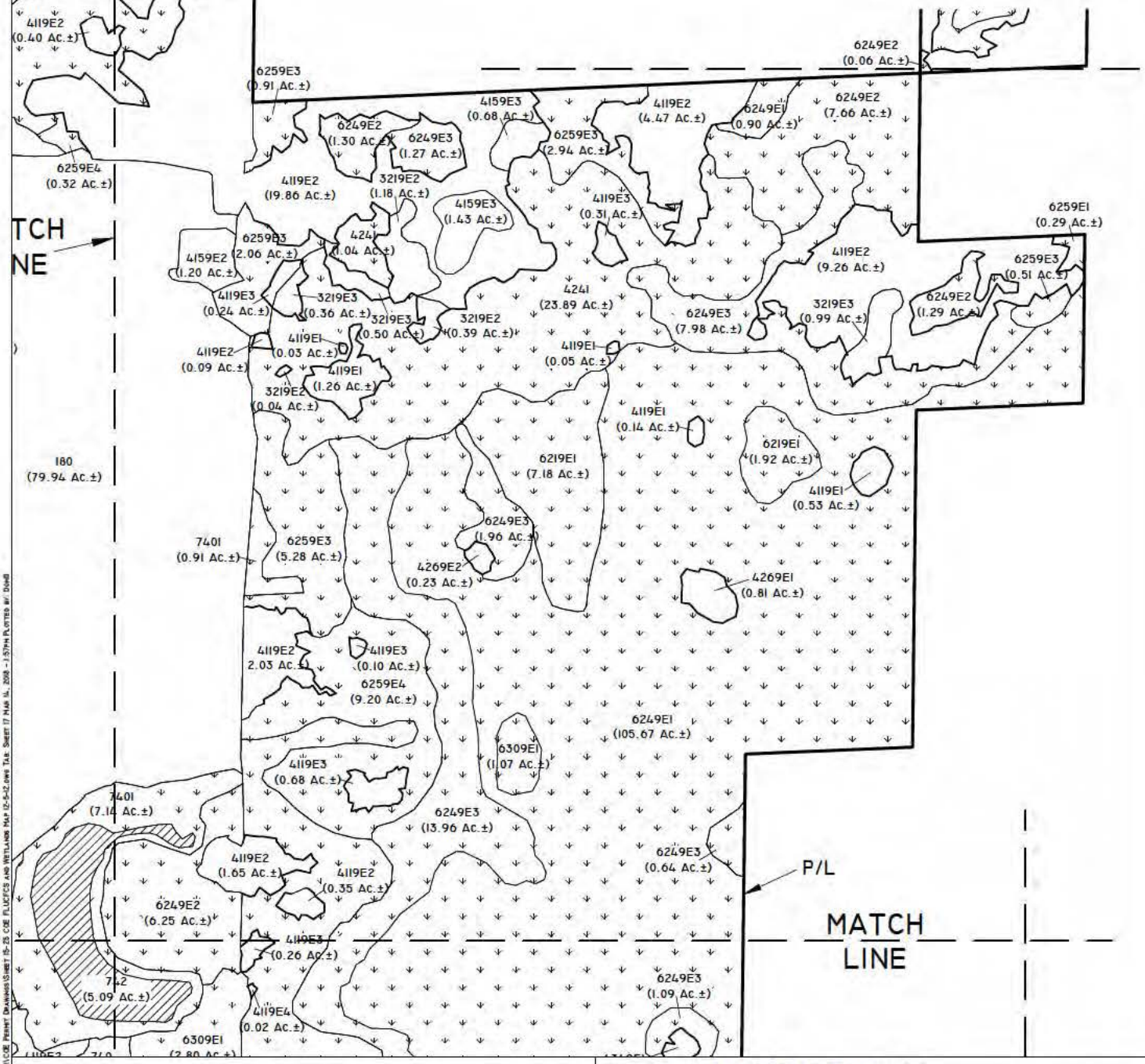
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

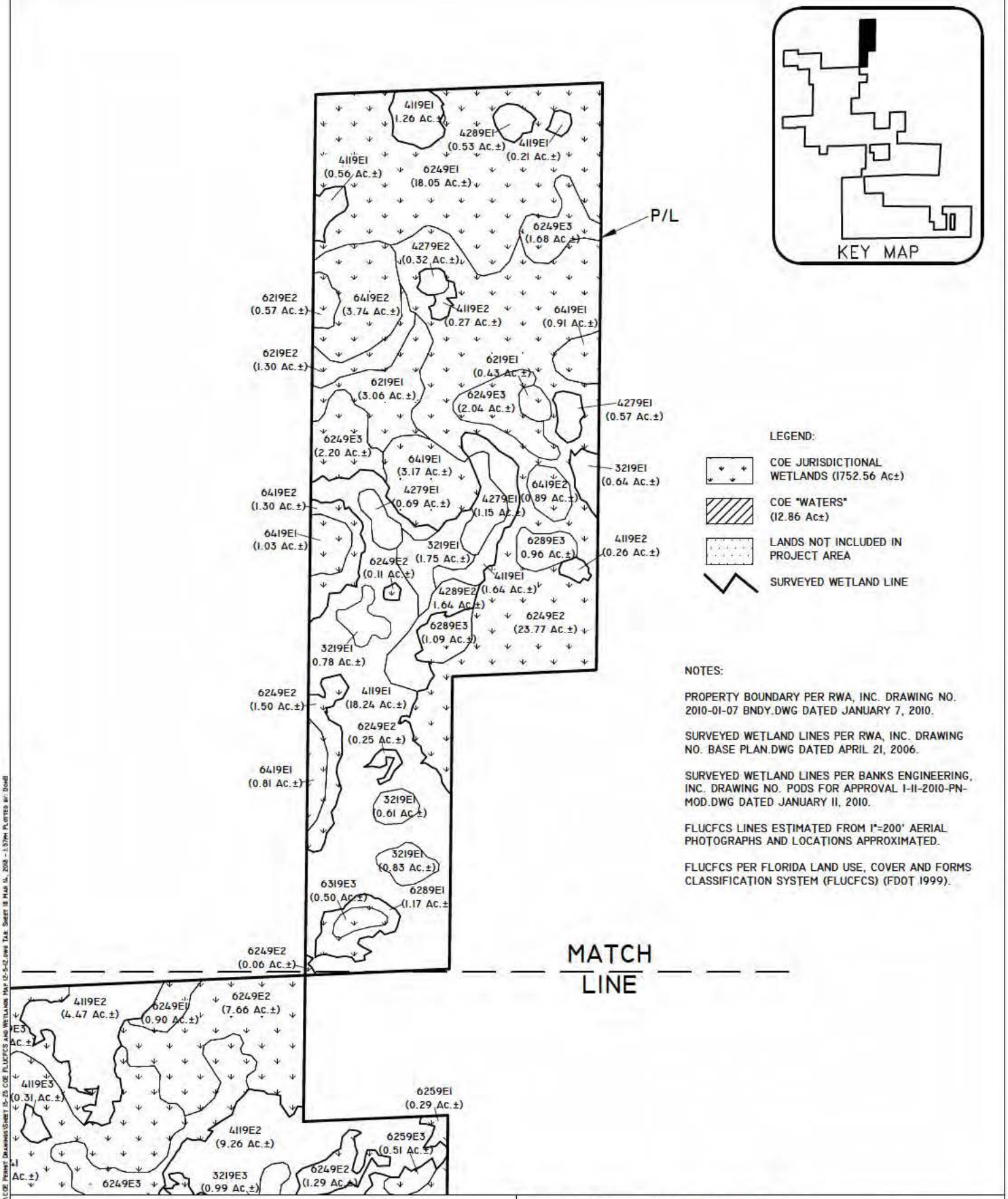
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).





PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-17	SHEET: 17 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

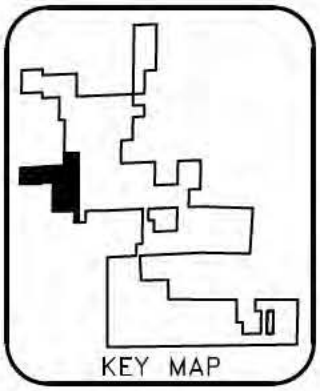
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-18	SHEET: 18 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



P/L

MATCH LINE

7401 (7.14 Ac.±)
4119E2 (1.65 Ac.±)
6249E2 (6.25 Ac.±)
740 (3.59 Ac.±)
8146 (0.24 Ac.±)
742 (5.09 Ac.±)
4119E4 (0.02 Ac.±)
7401 (0.59 Ac.±)
4119E2 (1.19 Ac.±)
740 (1.10 Ac.±)
6309E1 (2.80 Ac.±)
6249E2 (3.77 Ac.±)
7401 (1.81 Ac.±)
6249E3 (0.07 Ac.±)
6419E2 (0.29 Ac.±)
8301 (0.03 Ac.±)
830 (0.02 Ac.±)
830 (0.33 Ac.±)
814 (0.32 Ac.±)
830 (<0.01 Ac.±)
4119E2 (0.60 Ac.±)
8301 (1.91 Ac.±)
4159E3 (0.34 Ac.±)
4119E3 (0.19 Ac.±)
8301 (1.49 Ac.±)
830 (0.01 Ac.±)
4119E2 (0.74 Ac.±)
6249E3 (1.37 Ac.±)
4119E3 (0.26 Ac.±)
6249E4 (0.68 Ac.±)
6249E4 (0.43 Ac.±)
4119E2 (1.23 Ac.±)
4159E2 (2.46 Ac.±)
6249E3 (2.06 Ac.±)
4119E2 (0.09 Ac.±)
4289E2 (0.31 Ac.±)
62459E2 (0.39 Ac.±)
4119E2 (0.41 Ac.±)
4159E3 (0.95 Ac.±)
4241 (5.84 Ac.±)
832 (0.09 Ac.±)
4119E2 (7.62 Ac.±)
4119E1 (0.63 Ac.±)
6249E4 (6.32 Ac.±)
830 (0.06 Ac.±)
6249E3 (0.12 Ac.±)
4159E3 (0.91 Ac.±)
8321 (0.80 Ac.±)
4119E2 (1.07 Ac.±)
6249E3 (1.27 Ac.±)
8321 (0.94 Ac.±)
832 (0.36 Ac.±)
4241 (220.43 A
6249E3 (0.02 Ac.±)
4119E2 (4.76 Ac.±)
6249E3 (46.78 Ac.±)
6249E4 (0.93 Ac.±)
6249E2 (1.79 Ac.±)
6249E4 (2.73 Ac.±)
6249E4 (3.57 Ac.±)
6319E3 (5.33 Ac.±)
6309E2 (7.21 Ac.±)
6419E2 (0.59 Ac.±)
4221 (0.18 Ac.±)
6289E1 (0.33 Ac.±)
743 (0.09 Ac.±)
743 (0.07 Ac.±)
742 (0.22 Ac.±)
6309E1 (1.14 Ac.±)
6219E2 (1.69 Ac.±)

MATCH LINE

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

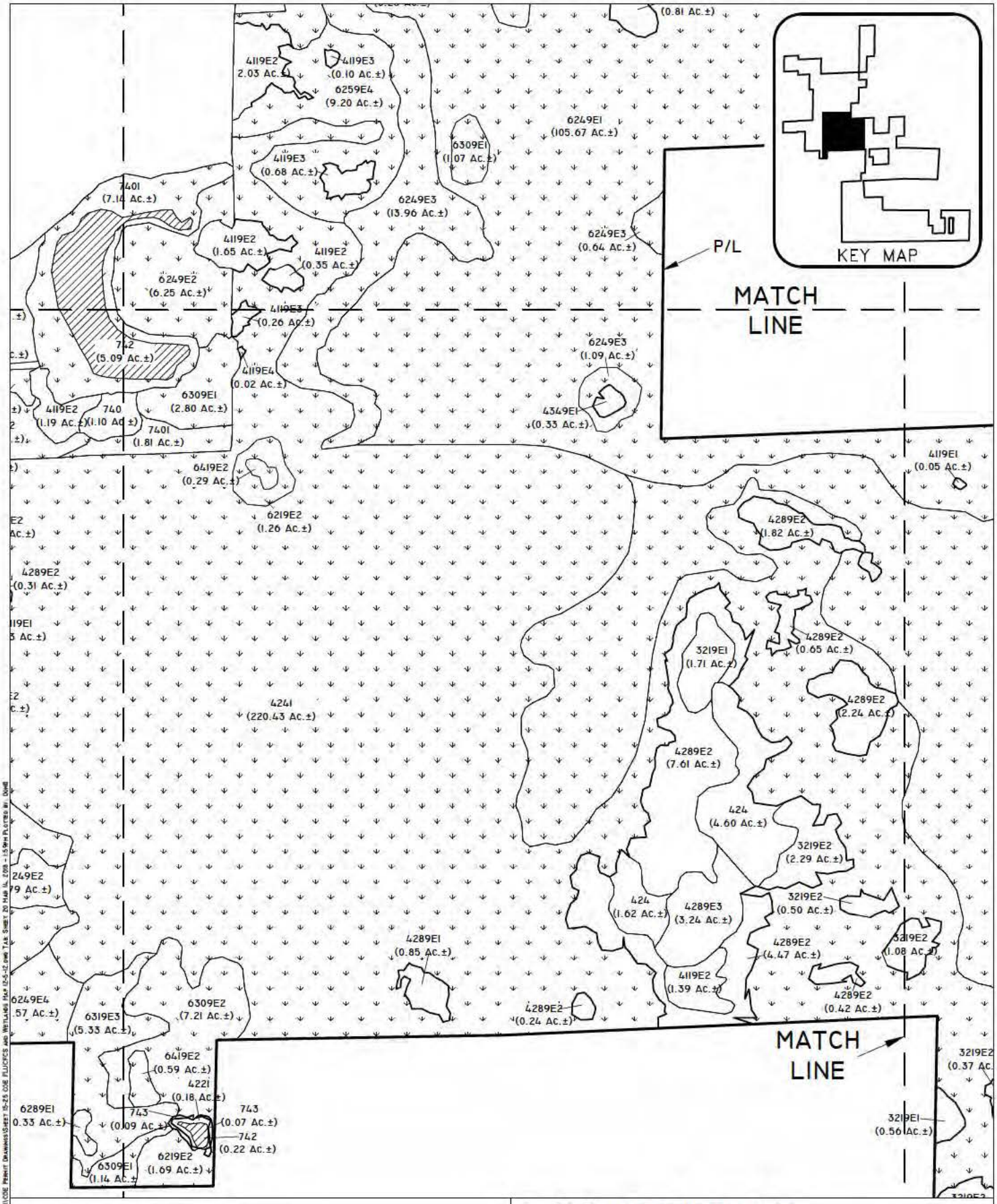
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

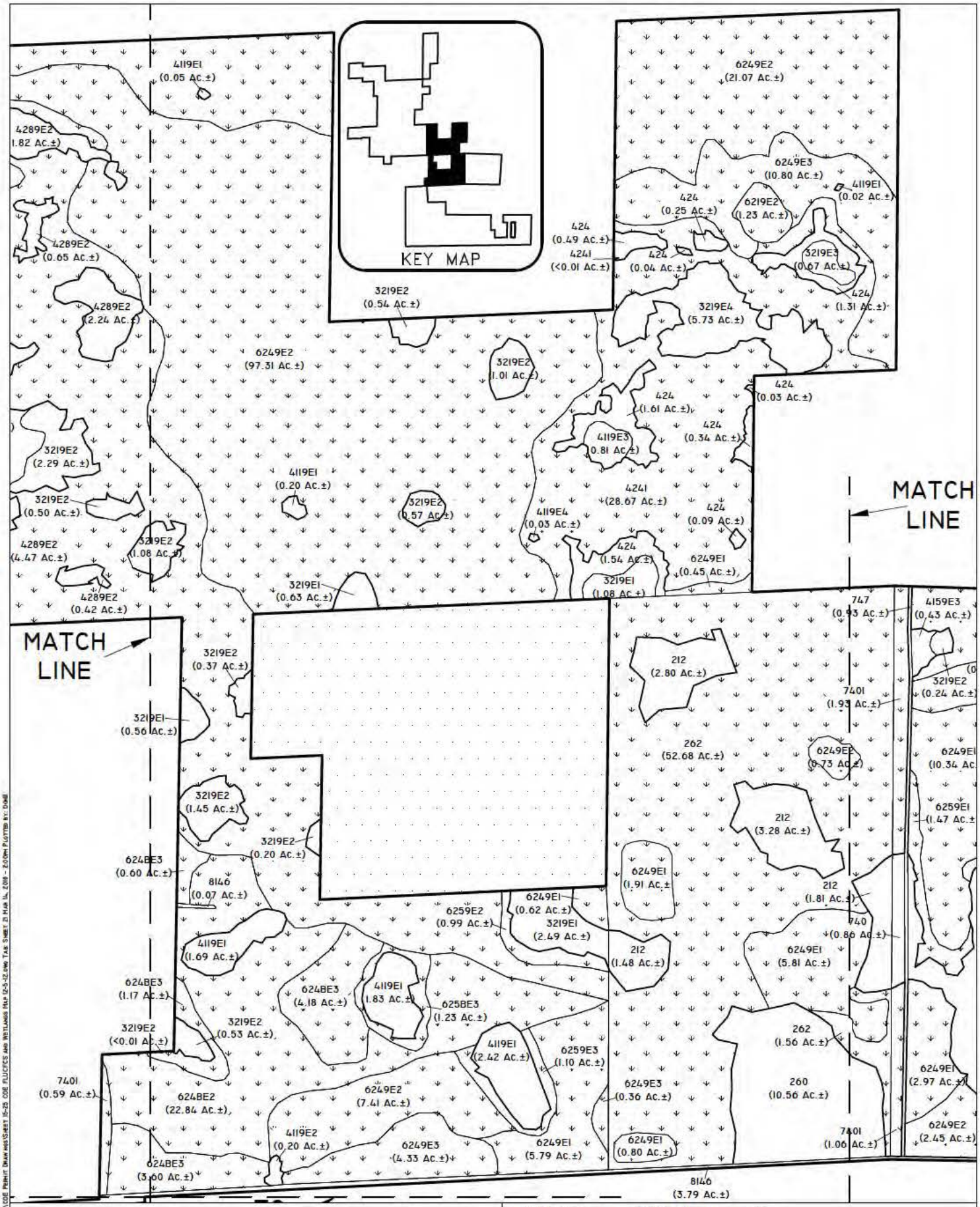
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-19	SHEET: 19 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-20	SHEET: 20 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-21	SHEET: 21 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

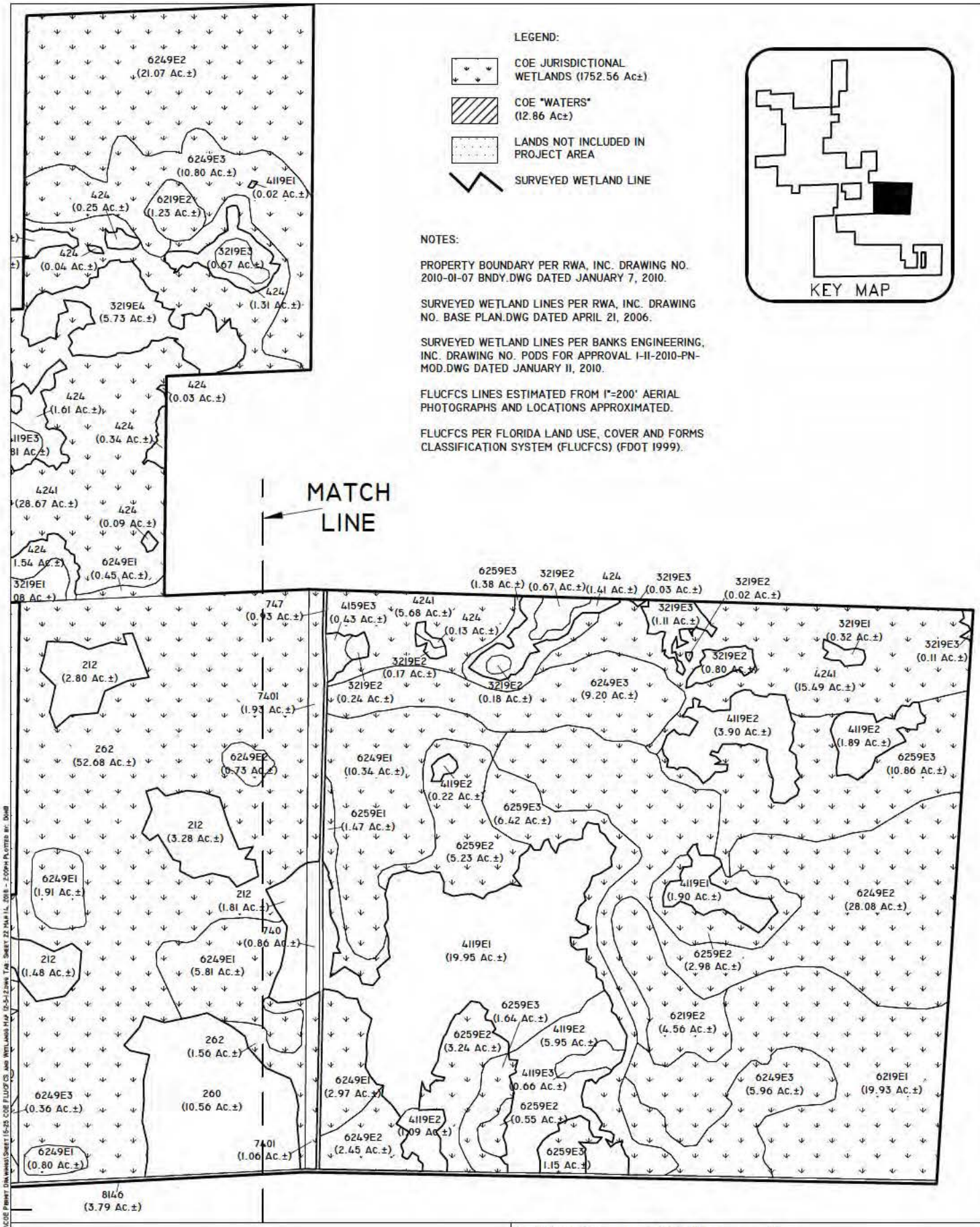
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

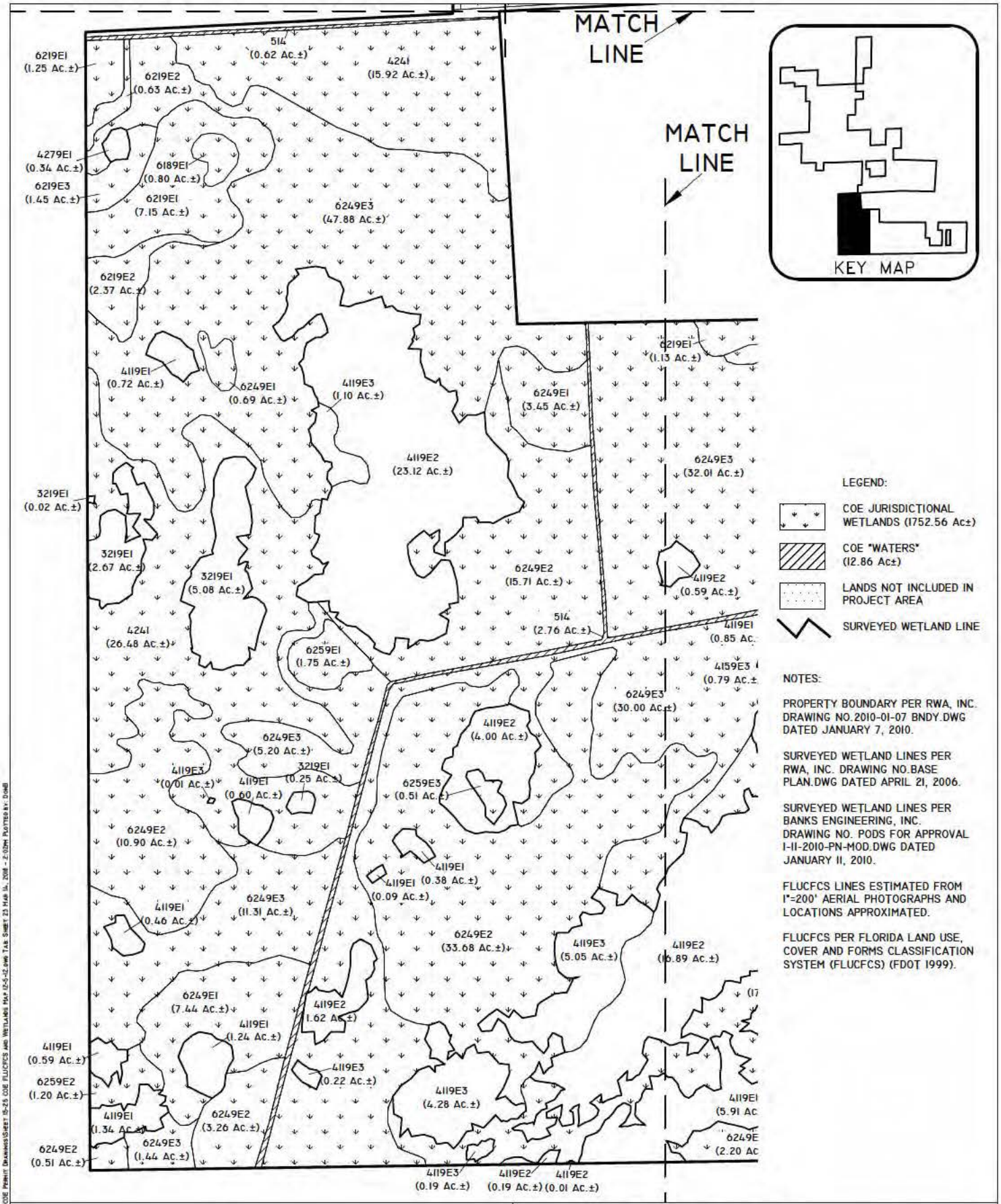
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).



PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-22	SHEET: 22 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'



LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-23	SHEET: 23 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

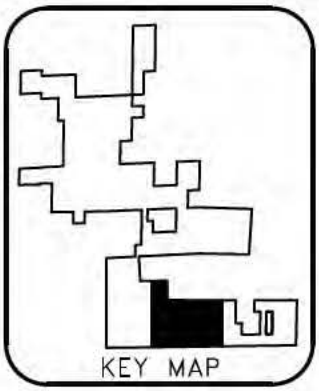
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

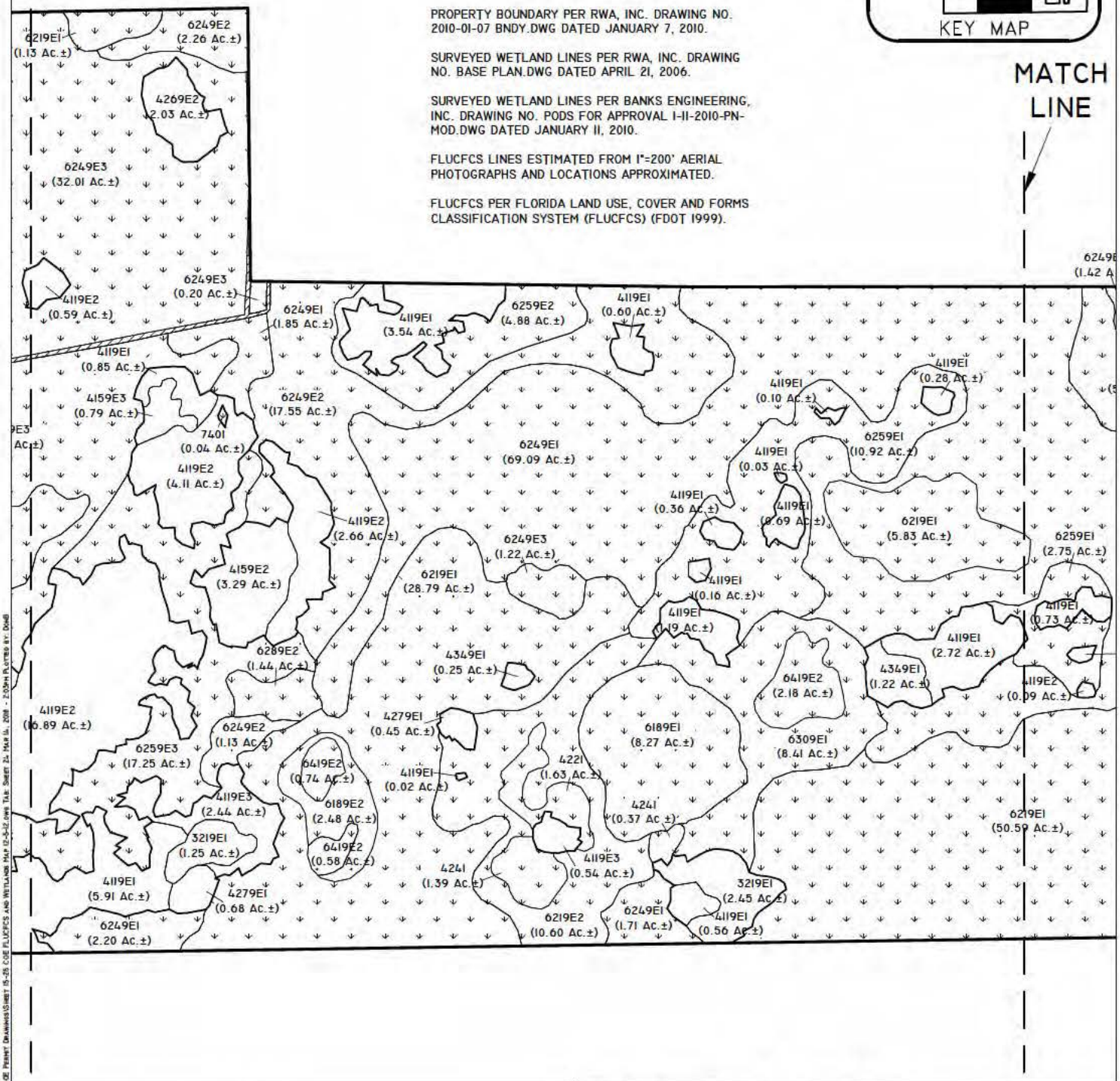
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).





PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-24	SHEET: 24 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

LEGEND:

- COE JURISDICTIONAL WETLANDS (1752.56 Ac±)
- COE "WATERS" (12.86 Ac±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

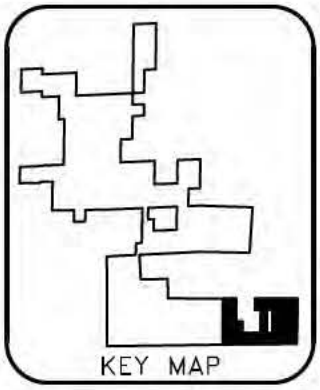
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

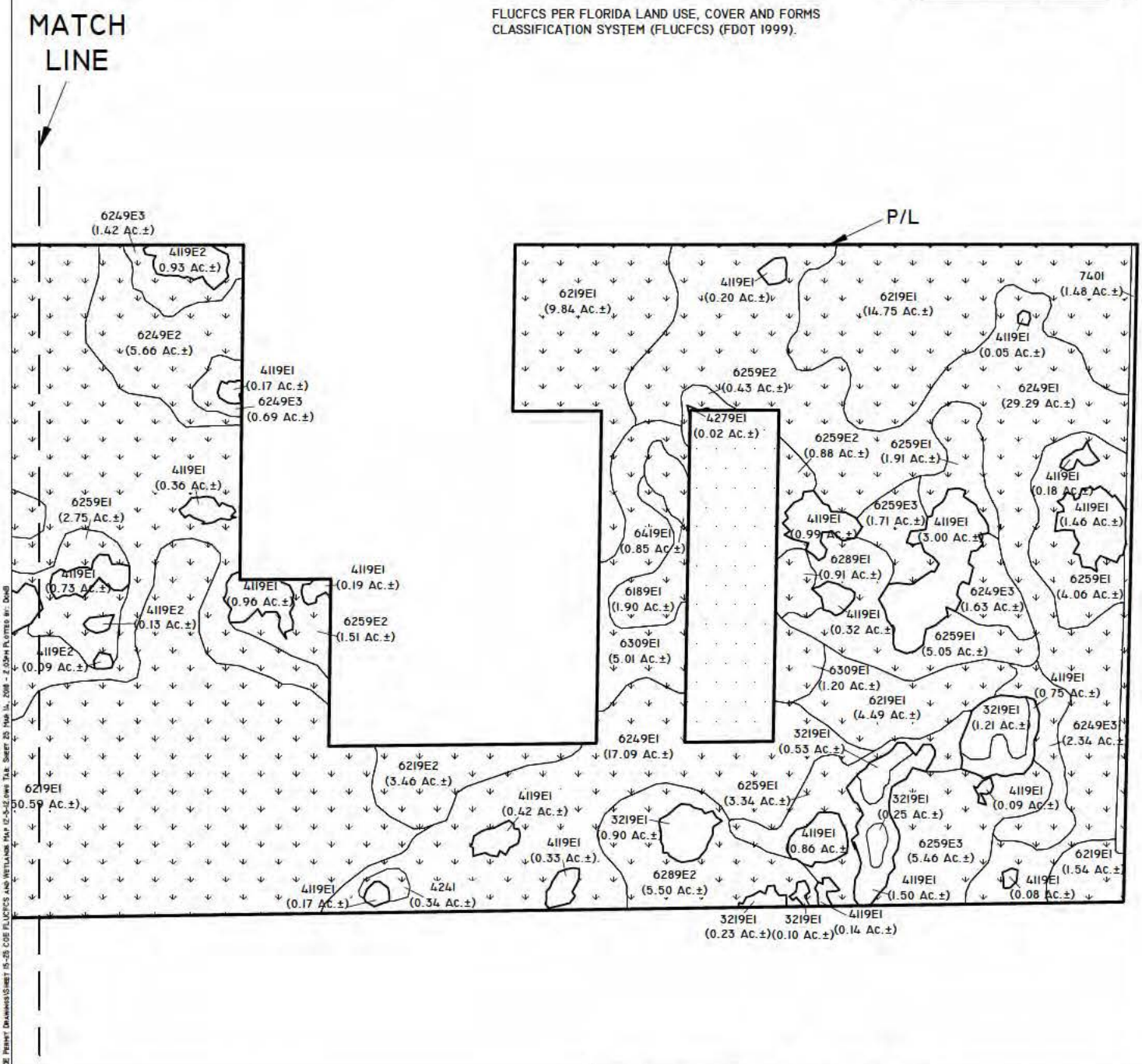
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

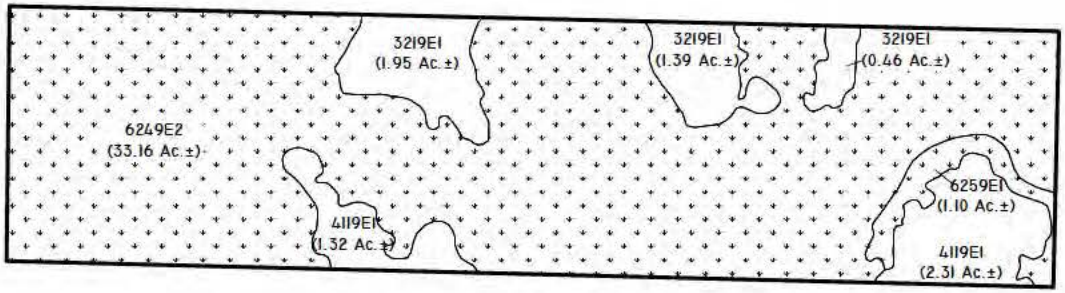
FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

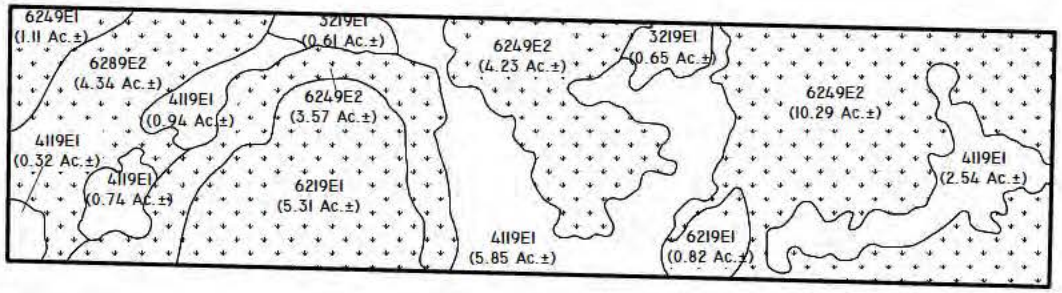




PROJECT NAME: HACIENDA LAKES	FLUCFCS AND COE WETLAND MAP	
	DWG. NO. 01MTT737-25	SHEET: 25 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 4/8/11	SCALE: 1"=600'

SCALE: 1" = 500'





OFF-SITE MITIGATION PARCEL

LEGEND:

COE WETLANDS
(63.93 Ac.±)

FLUCFCS CODES	DESCRIPTIONS	ACREAGE	% OF TOTAL
3219 E1	PALMETTO PRAIRIE, DISTURBED (0-24% EXOTICS)	5.06 Ac.±	6.1%
4119 E1	PINE FLATWOODS, DISTURBED (0-24% EXOTICS)	14.02 Ac.±	16.9%
6219 E1	CYPRESS, DISTURBED (0-24% EXOTICS)	6.13 Ac.±	7.4%
6249 E1	PINE/CYPRESS/CABBAGE PALM, DISTURBED (0-24% EXOTICS)	1.11 Ac.±	1.3%
6249 E2	PINE/CYPRESS/CABBAGE PALM, DISTURBED (25-49% EXOTICS)	51.25 Ac.±	61.7%
6259 E1	HYDRIC PINE, DISTURBED (0-24% EXOTICS)	1.10 Ac.±	1.3%
6289 E2	HYDRIC CABBAGE PALM, DISTURBED (25-49% EXOTICS)	4.34 Ac.±	5.2%
	TOTAL	83.01 Ac.±	100.0%

NOTES:

ADDITIONAL PARCELS ESTIMATED FROM THE COLLIER COUNTY PROPERTY APPRAISER'S GIS WEBSITE.

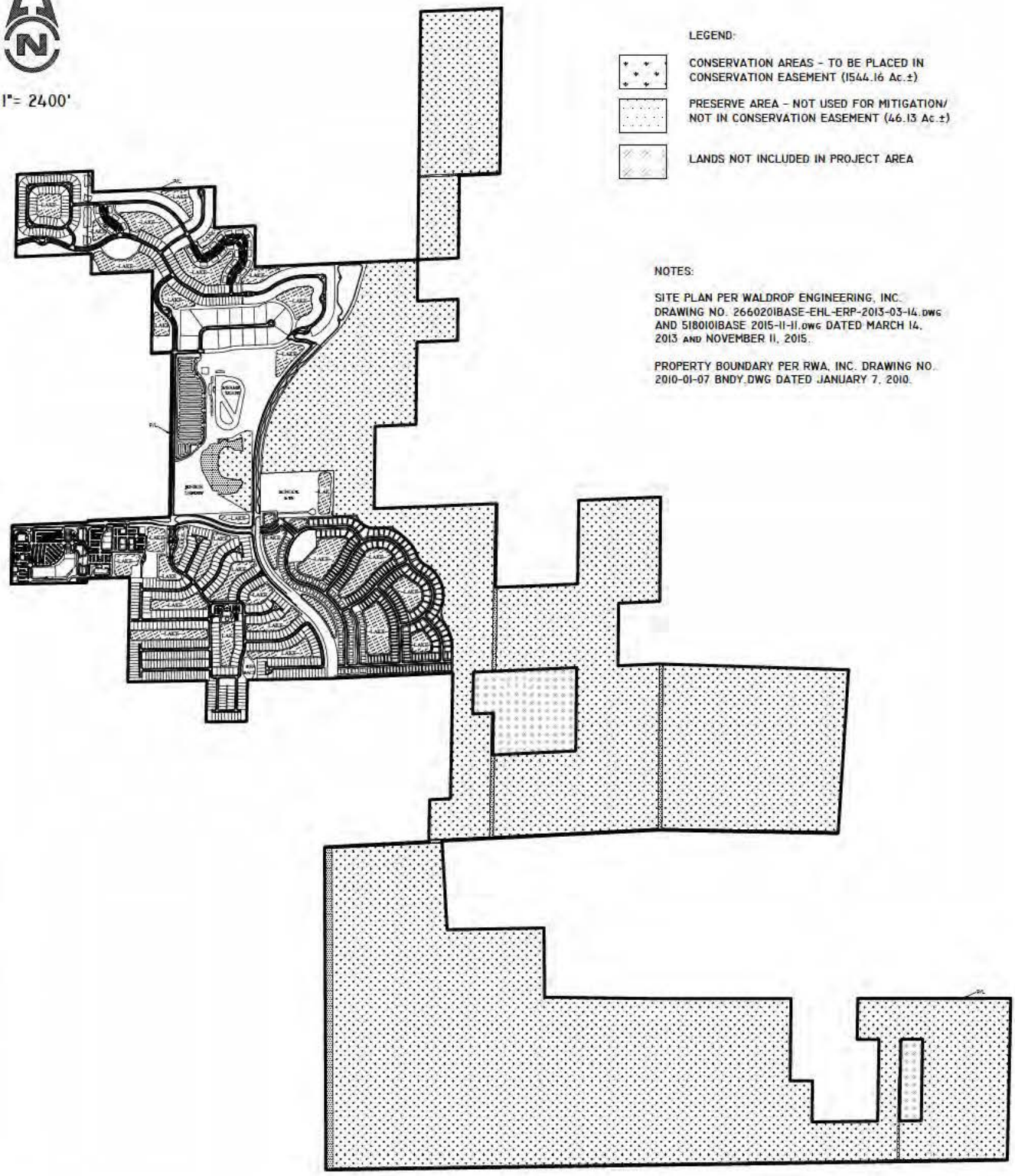
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	OFF-SITE MITIGATION PARCELS - FLUCFCS AND WETLANDS MAP	
	DWG. NO. 01MTT737-26	SHEET: 26 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 12/27/11
	REVISIONS:	SCALE: 1"=500'

J:\2001\01MTT737\HACIENDA LAKES\20\COE PERMIT DRAWINGS\SHEET 26 OFF-SITE MITIGATION FLUCFCS AND WETLANDS MAP 12-5-12.DWG TAB: SHEET 26 MAR 14, 2018 - 2:04PM PLOTTED BY: DOHB

1"= 2400'



LEGEND:

CONSERVATION AREAS - TO BE PLACED IN CONSERVATION EASEMENT (1544.16 Ac.±)

PRESERVE AREA - NOT USED FOR MITIGATION/ NOT IN CONSERVATION EASEMENT (46.13 Ac.±)

LANDS NOT INCLUDED IN PROJECT AREA

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

PROJECT NAME: HACIENDA LAKES	SITE PLAN	
	DWG. NO. 01MTT737-27	SHEET: 27 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=2400'

LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 266020IBASE-EHL-ERP-2013-03-14.DWG AND 518010IBASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

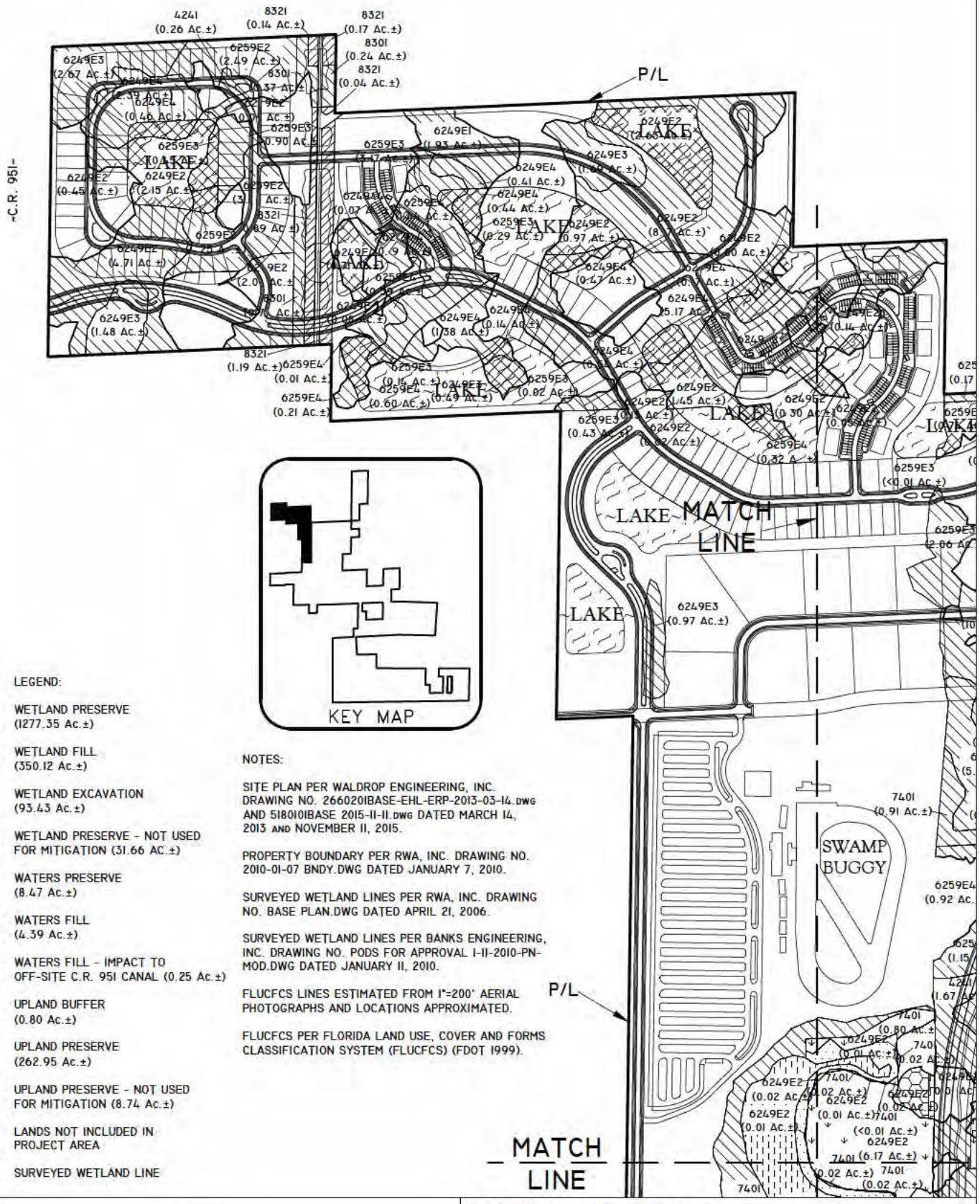
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

FLUCFCS CODE	WETLAND PRESERVE	WETLAND FILL	WETLAND EXCAVATION	WETLAND PRESERVE - NOT USED FOR MITIGATION	WATERS PRESERVE	WATERS FILL	TOTAL
262	54.06 Ac.±	-	-	0.18 Ac.±	-	-	54.24 Ac.±
4221	1.63 Ac.±	0.18 Ac.±	-	-	-	-	1.81 Ac.±
4241	121.50 Ac.±	171.64 Ac.±	48.47 Ac.±	4.19 Ac.±	-	-	345.80 Ac.±
514	-	-	-	-	3.38 Ac.±	-	3.38 Ac.±
6189 E1	10.88 Ac.±	-	-	0.09 Ac.±	-	-	10.97 Ac.±
6189 E2	2.48 Ac.±	-	-	-	-	-	2.48 Ac.±
6219 E1	152.01 Ac.±	1.37 Ac.±	-	4.50 Ac.±	-	-	157.88 Ac.±
6219 E2	23.36 Ac.±	2.78 Ac.±	0.17 Ac.±	1.36 Ac.±	-	-	27.67 Ac.±
6219 E3	0.95 Ac.±	-	-	0.50 Ac.±	-	-	1.45 Ac.±
6249 E1	269.91 Ac.±	12.53 Ac.±	3.21 Ac.±	2.40 Ac.±	-	-	288.05 Ac.±
6249 E2	265.54 Ac.±	36.13 Ac.±	17.82 Ac.±	5.83 Ac.±	-	-	325.32 Ac.±
6249 E3	186.93 Ac.±	50.91 Ac.±	15.46 Ac.±	4.50 Ac.±	-	-	257.80 Ac.±
6249 E4	-	24.35 Ac.±	2.93 Ac.±	-	-	-	27.28 Ac.±
624B E2	22.38 Ac.±	-	-	0.46 Ac.±	-	-	22.84 Ac.±
624B E3	8.76 Ac.±	-	-	0.79 Ac.±	-	-	9.55 Ac.±
6259 E1	31.47 Ac.±	-	-	0.07 Ac.±	-	-	31.54 Ac.±
6259 E2	21.49 Ac.±	6.09 Ac.±	0.25 Ac.±	0.40 Ac.±	-	-	28.23 Ac.±
6259 E3	47.27 Ac.±	14.79 Ac.±	1.76 Ac.±	0.76 Ac.±	-	-	64.58 Ac.±
6259 E4	6.65 Ac.±	4.80 Ac.±	0.92 Ac.±	-	-	-	12.37 Ac.±
625B E3	1.23 Ac.±	-	-	-	-	-	1.23 Ac.±
6289 E1	2.08 Ac.±	0.09 Ac.±	0.24 Ac.±	-	-	-	2.41 Ac.±
6289 E2	6.40 Ac.±	-	-	0.54 Ac.±	-	-	6.94 Ac.±
6289 E3	2.05 Ac.±	-	-	-	-	-	2.05 Ac.±
6309 E1	17.94 Ac.±	1.06 Ac.±	0.38 Ac.±	0.25 Ac.±	-	-	19.63 Ac.±
6309 E2	-	7.04 Ac.±	0.17 Ac.±	-	-	-	7.21 Ac.±
6319 E3	0.50 Ac.±	3.69 Ac.±	1.64 Ac.±	-	-	-	5.83 Ac.±
6419 E1	6.77 Ac.±	-	-	-	-	-	6.77 Ac.±
6419 E2	9.43 Ac.±	0.87 Ac.±	0.01 Ac.±	-	-	-	10.31 Ac.±
7401	3.68 Ac.±	7.03 Ac.±	-	4.84 Ac.±	-	-	15.55 Ac.±
742	-	-	-	-	5.09 Ac.±	0.22 Ac.±	5.31 Ac.±
8301	-	4.77 Ac.±	-	-	-	-	4.77 Ac.±
8321	-	-	-	-	-	4.17 Ac.±	4.17 Ac.±
TOTAL	1277.35 Ac.±	350.12 Ac.±	93.43 Ac.±	31.66 Ac.±	8.47 Ac.±	4.39 Ac.±	1765.42 Ac.±

PROJECT NAME: HACIENDA LAKES	WETLAND IMPACT MAP-LEGEND	
	DWG. NO. 01MTT737-28	SHEET: 28 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: N/A



LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

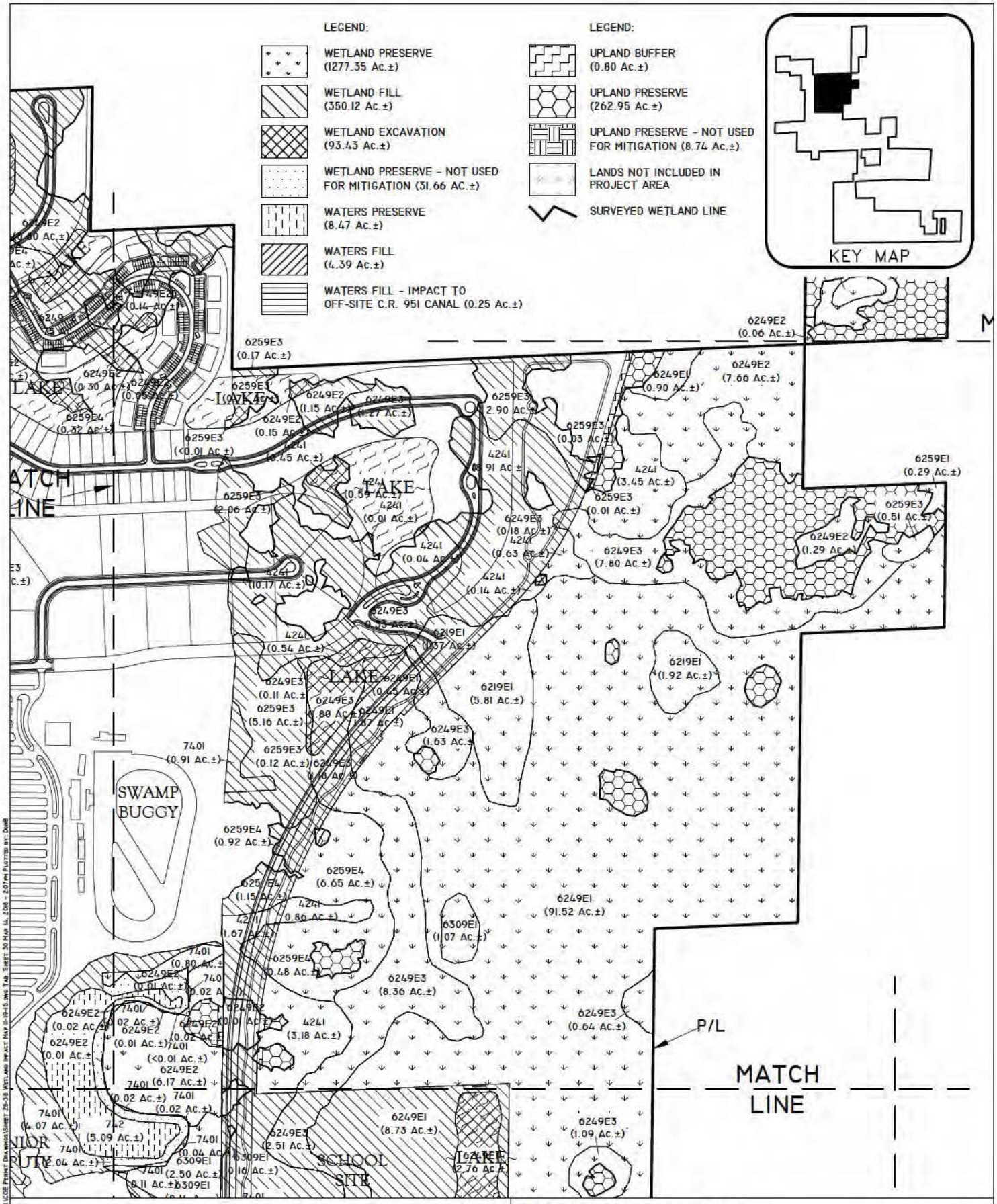
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

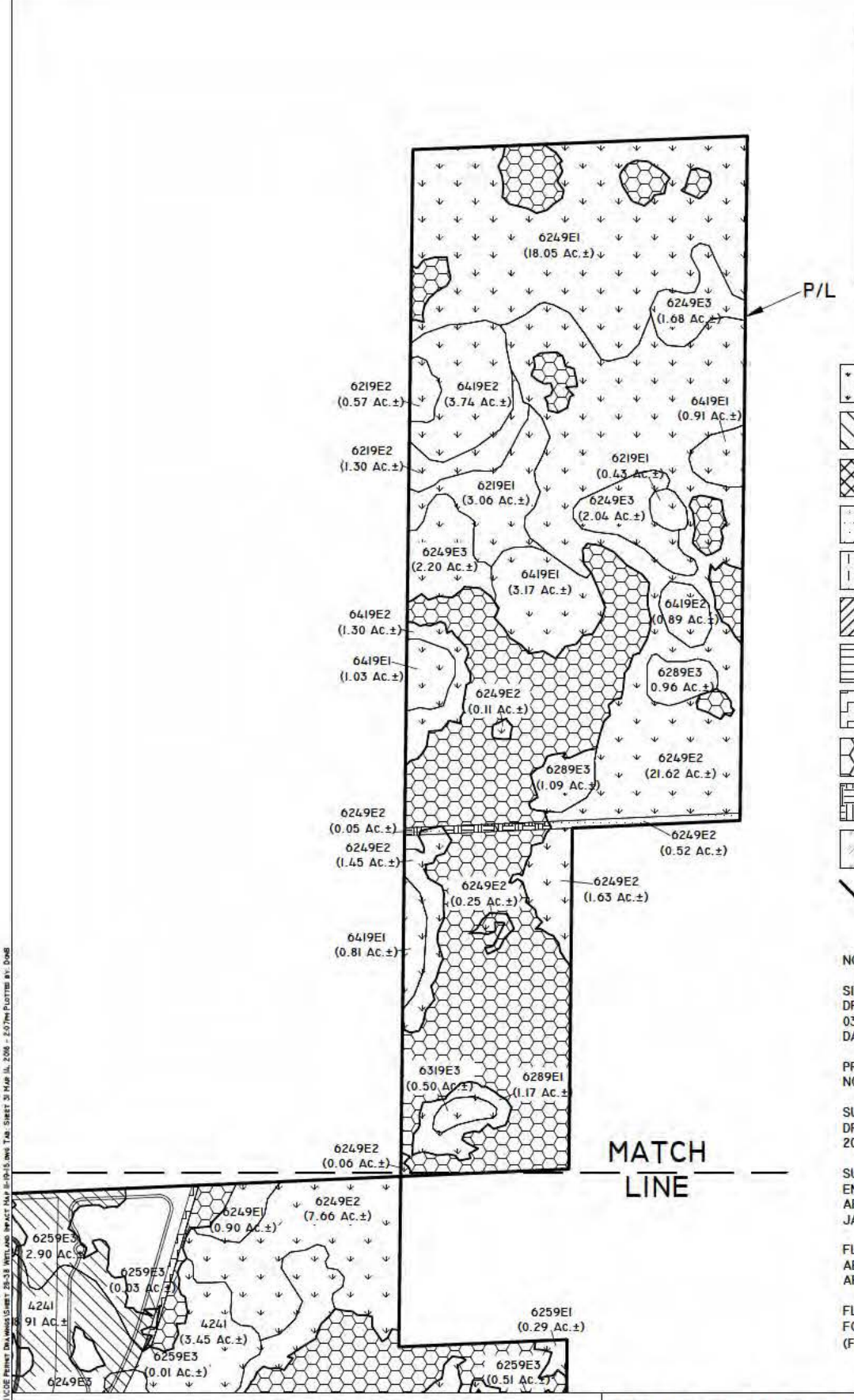
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

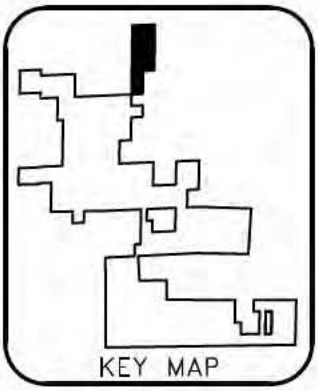
FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-29	SHEET: 29 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-30	SHEET: 30 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'





LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

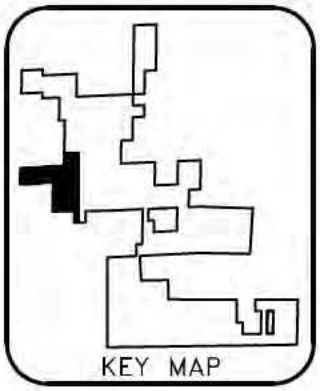
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

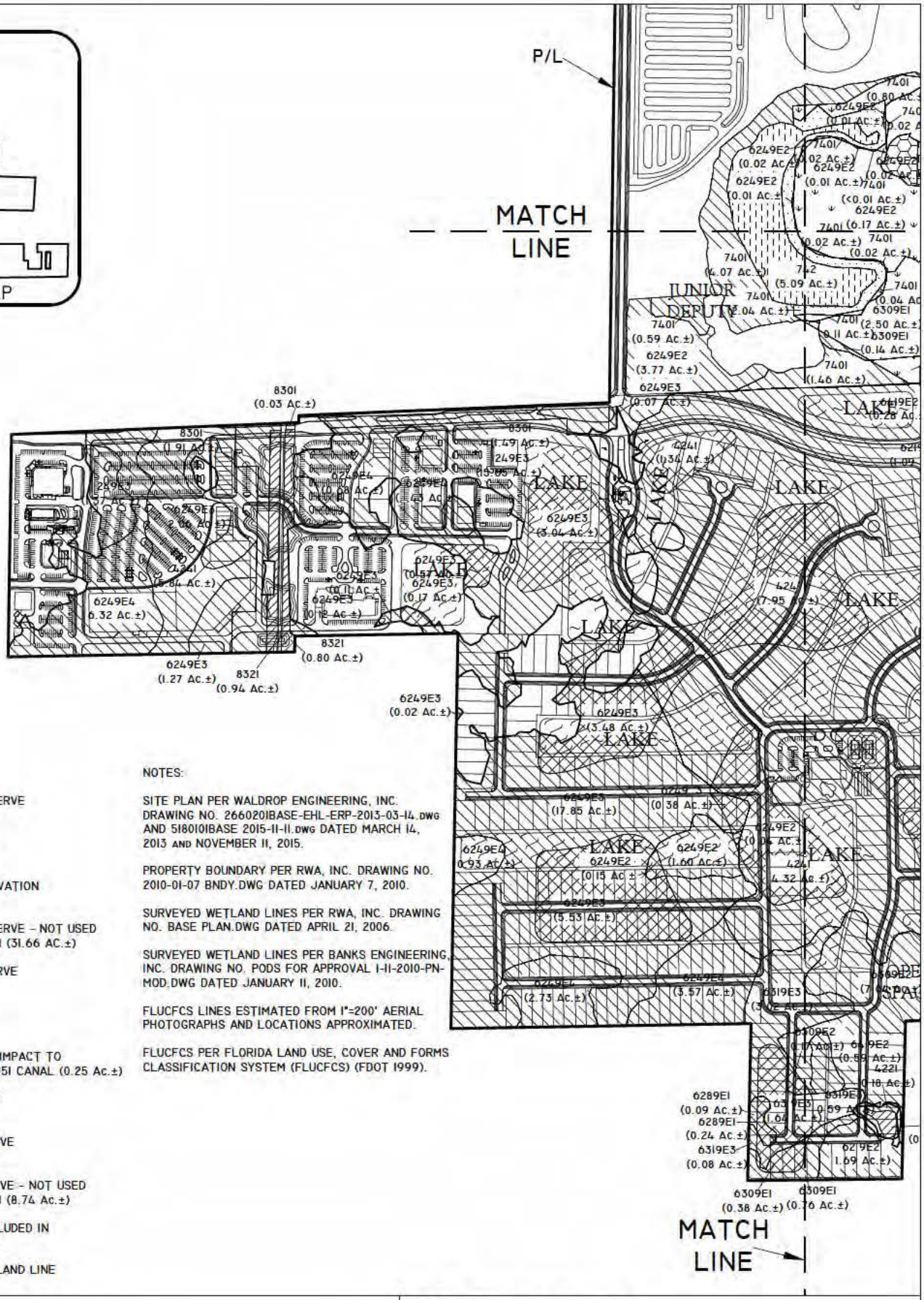
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-31	SHEET: 31 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'





LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

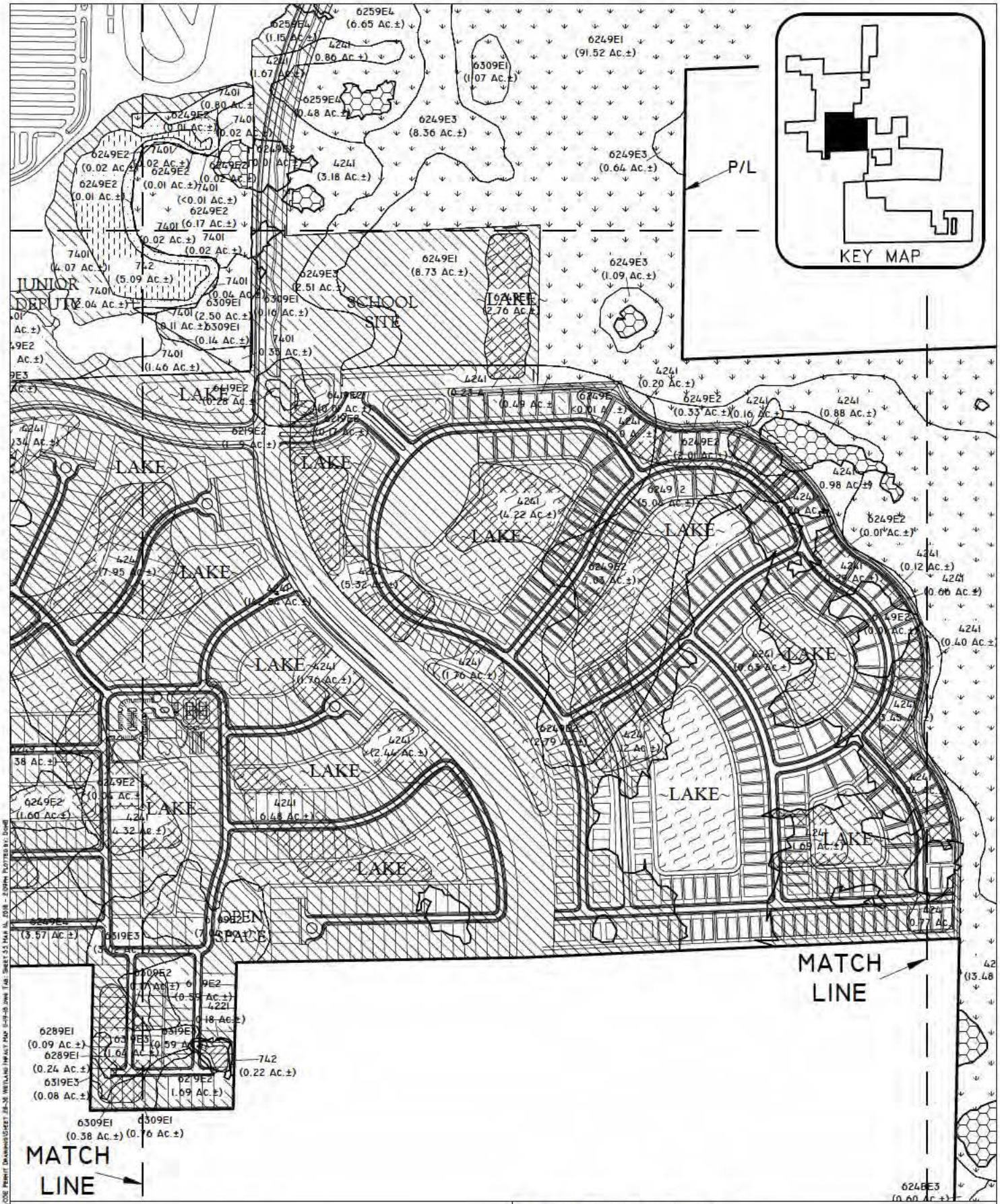
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

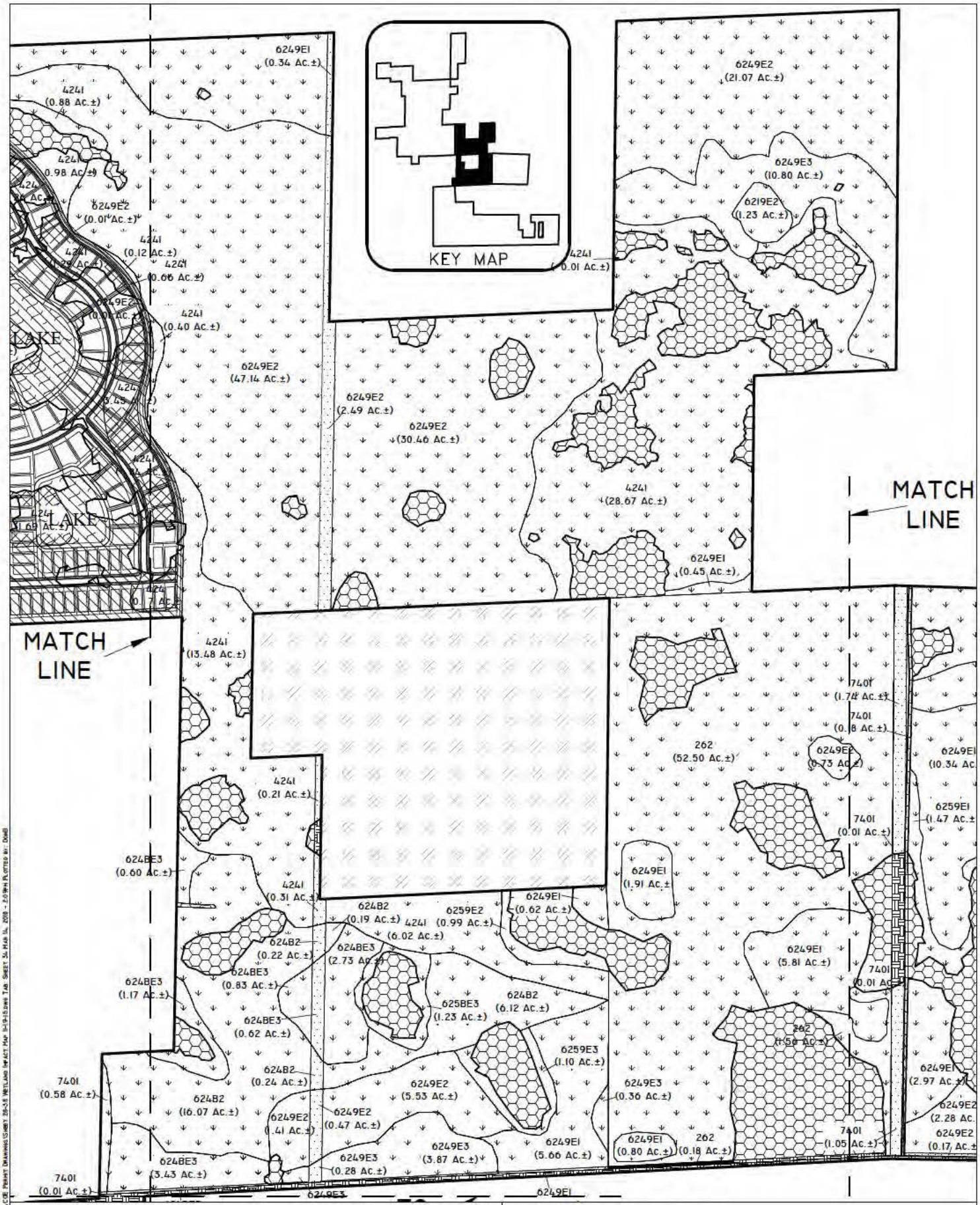
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

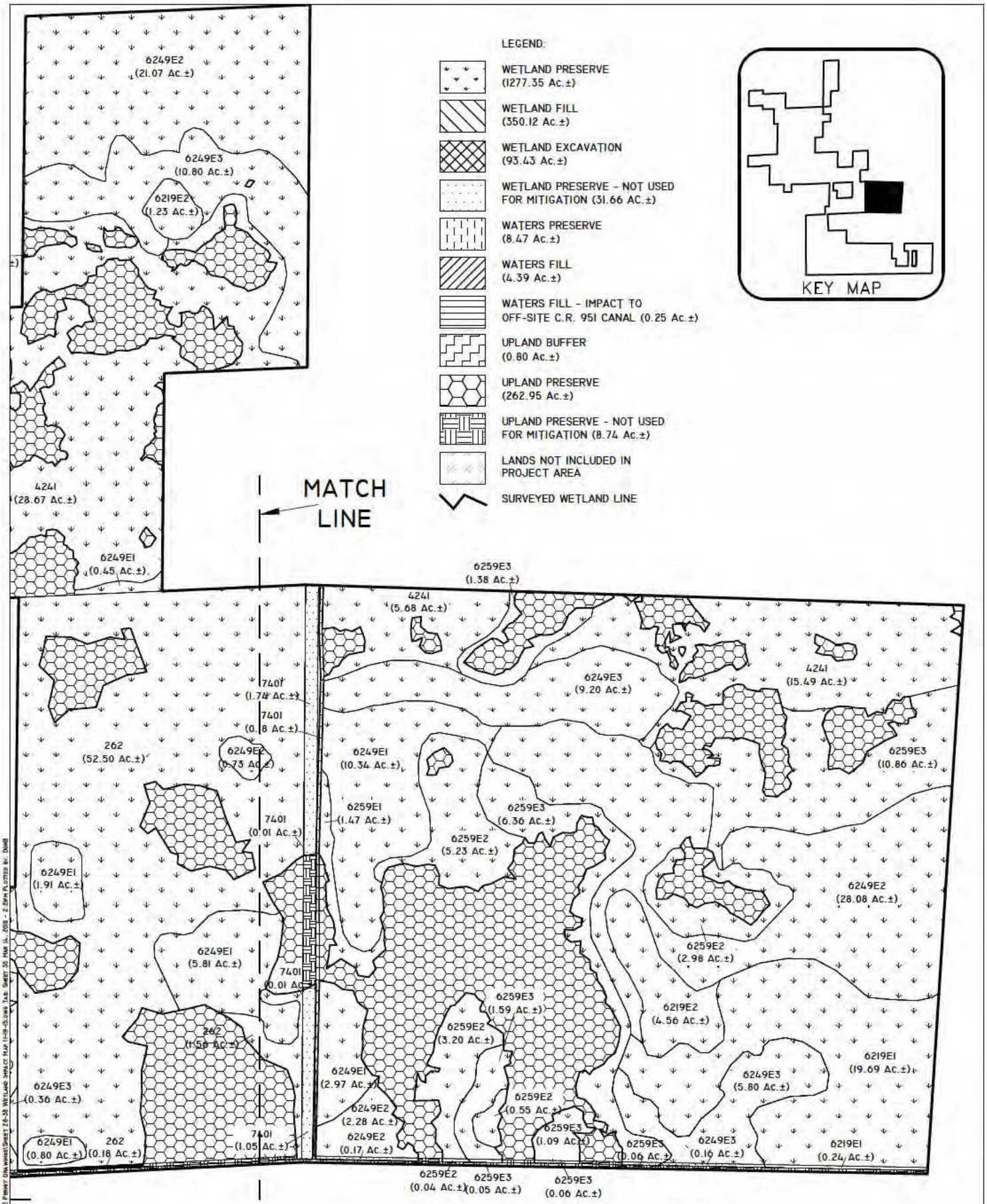
PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-32	SHEET: 32 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



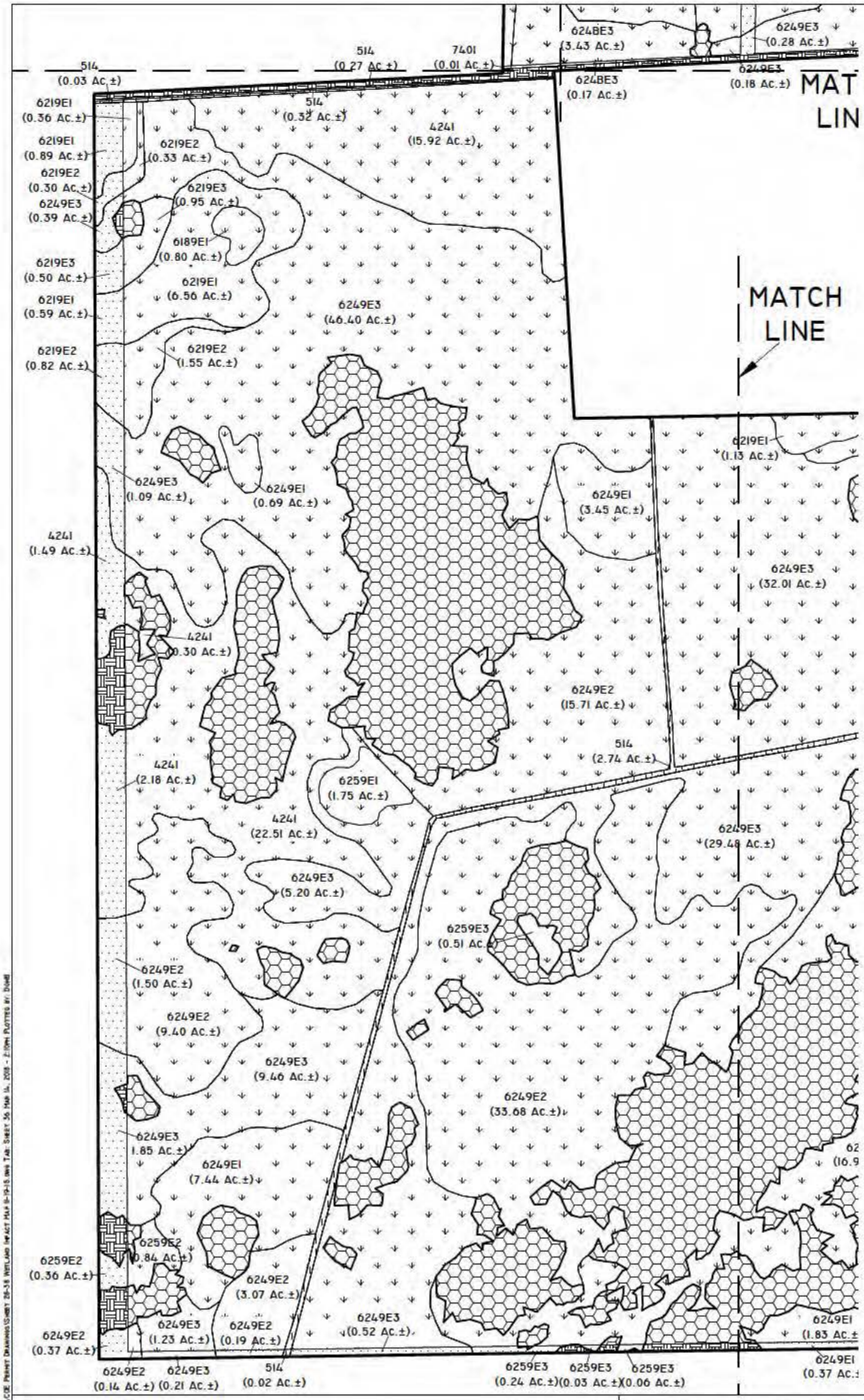
PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-33	SHEET: 33 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

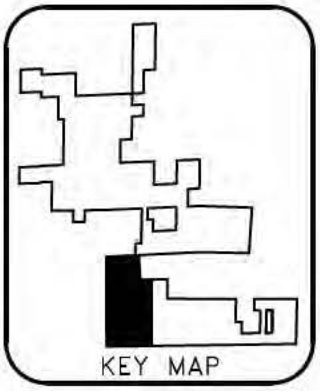


PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-34	SHEET: 34 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-35	SHEET: 35 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'





LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.22 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.266020IBASE-EHL-ERP -2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO.2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO.BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO.PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-36	SHEET: 36 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

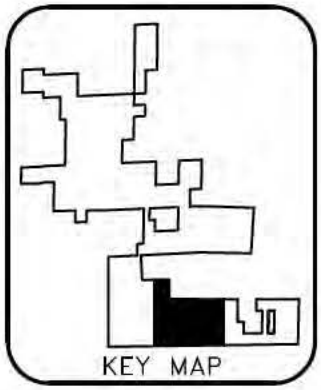
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

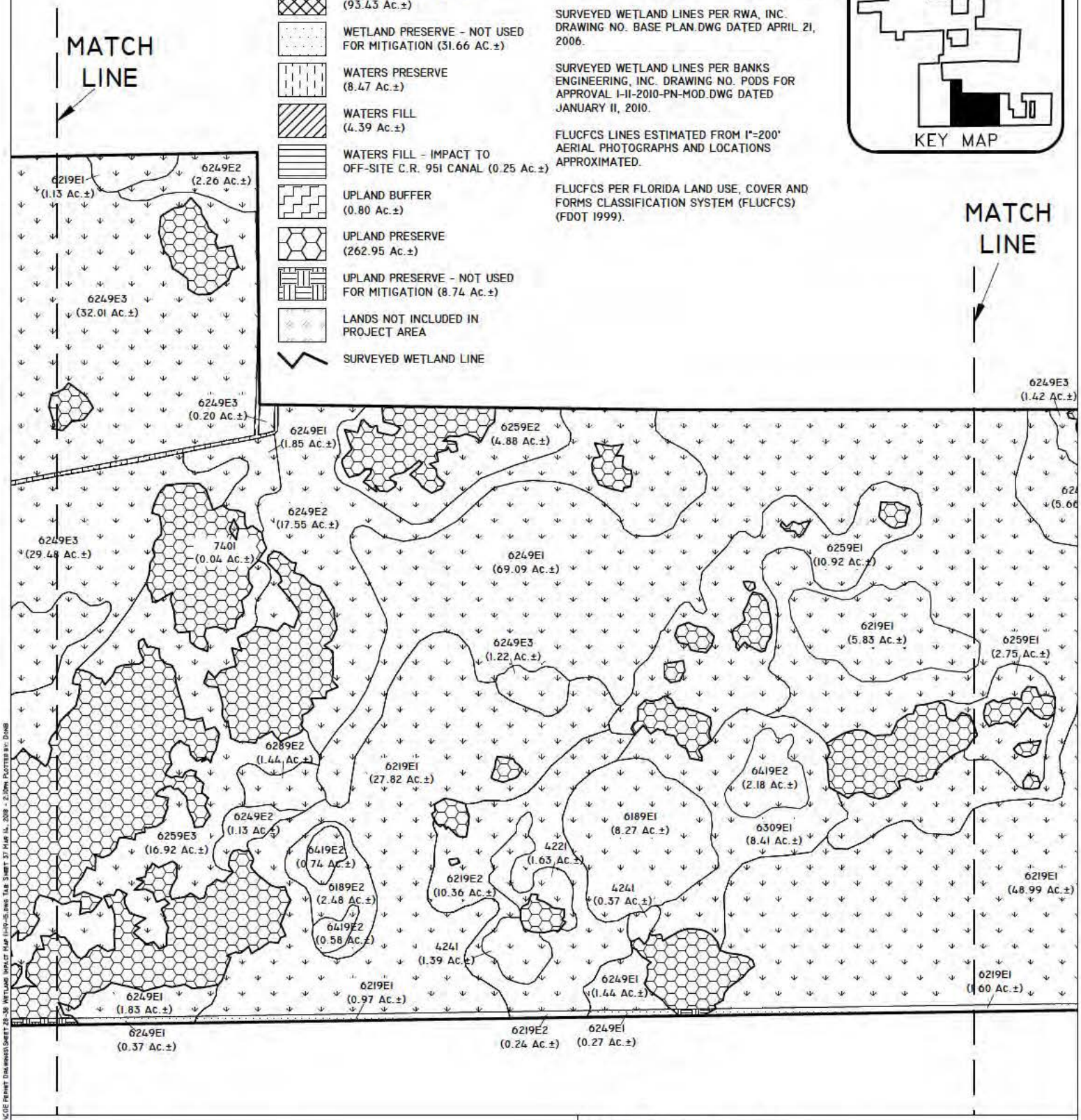
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).





PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-37	SHEET: 37 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

LEGEND:

- WETLAND PRESERVE (1277.35 Ac.±)
- WETLAND FILL (350.12 Ac.±)
- WETLAND EXCAVATION (93.43 Ac.±)
- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- WATERS PRESERVE (8.47 Ac.±)
- WATERS FILL (4.39 Ac.±)
- WATERS FILL - IMPACT TO OFF-SITE C.R. 951 CANAL (0.25 Ac.±)
- UPLAND BUFFER (0.80 Ac.±)
- UPLAND PRESERVE (262.95 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 Ac.±)
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO. 2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

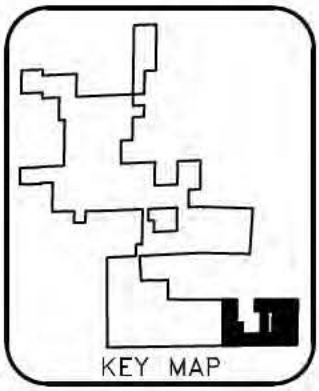
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

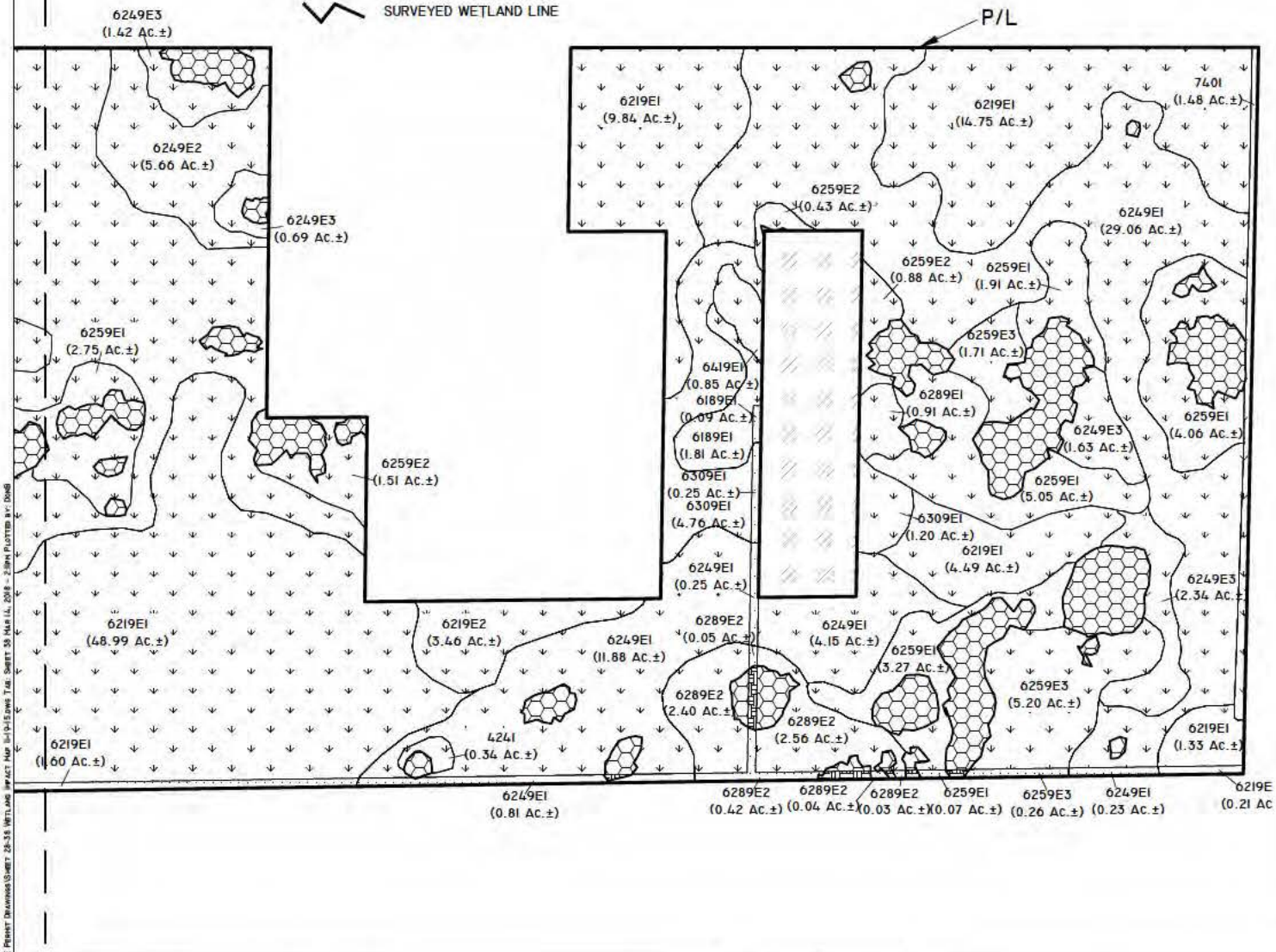
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

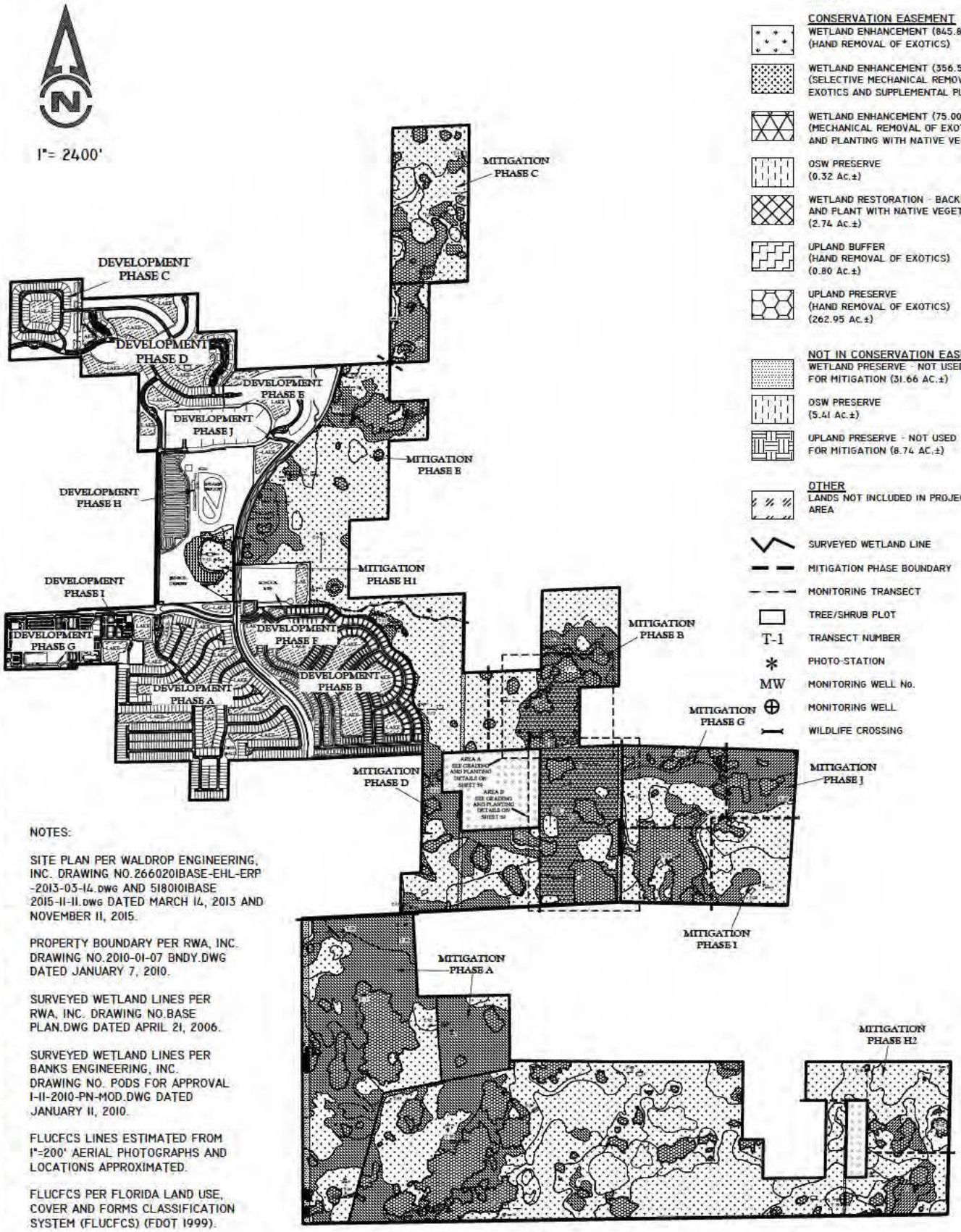
FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).





PROJECT NAME: HACIENDA LAKES	COE WETLAND IMPACT MAP	
	DWG. NO. 01MTT737-38	SHEET: 38 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

J:\2001\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 28-38 WETLAND IMPACT MAP 11-19-15.DWG TUE, SHEET 38 MAR 14, 2016 - 2:18PM PLOTTED BY: DONB



NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.266020IBASE-EHL-ERP -2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO.2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

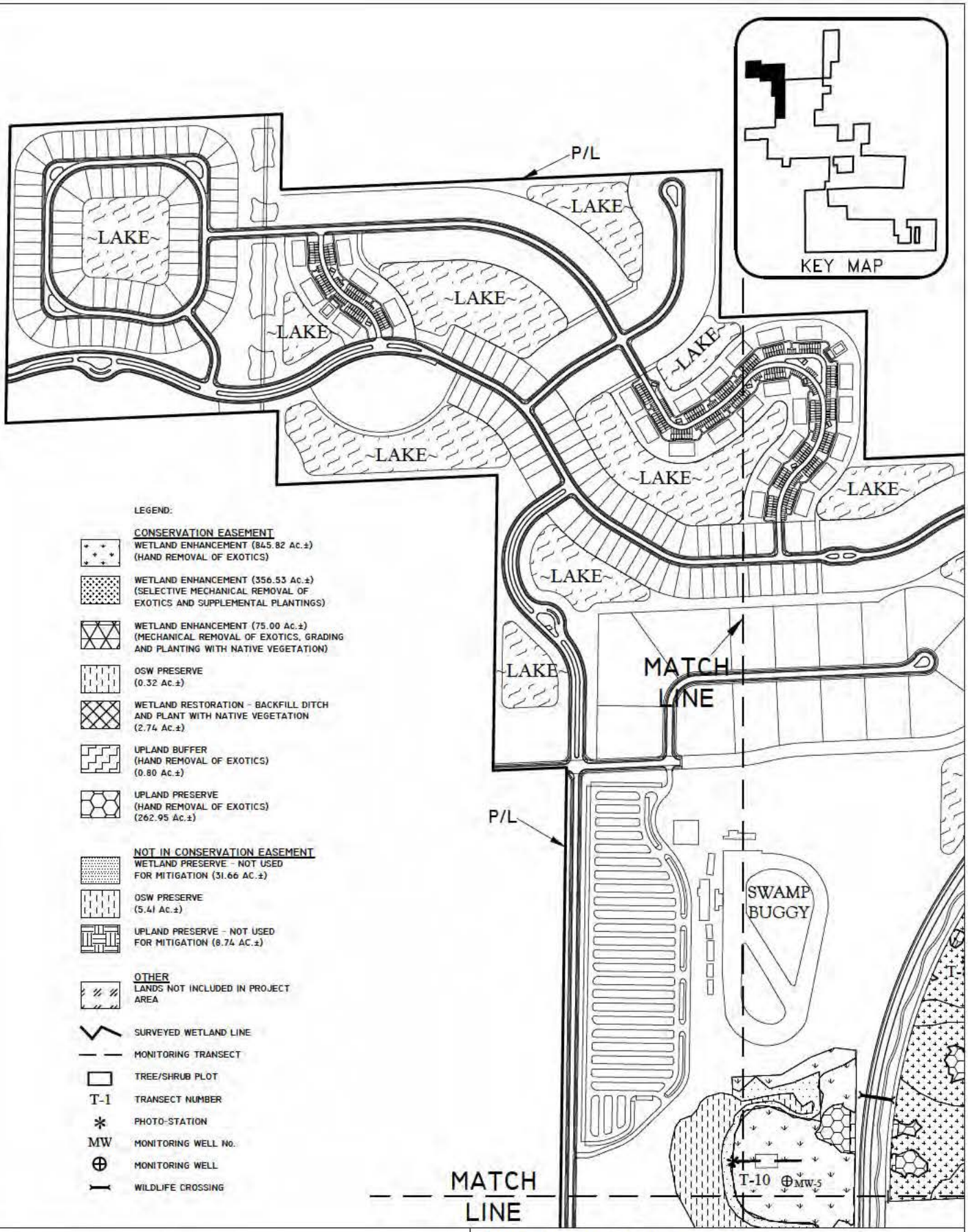
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO.BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

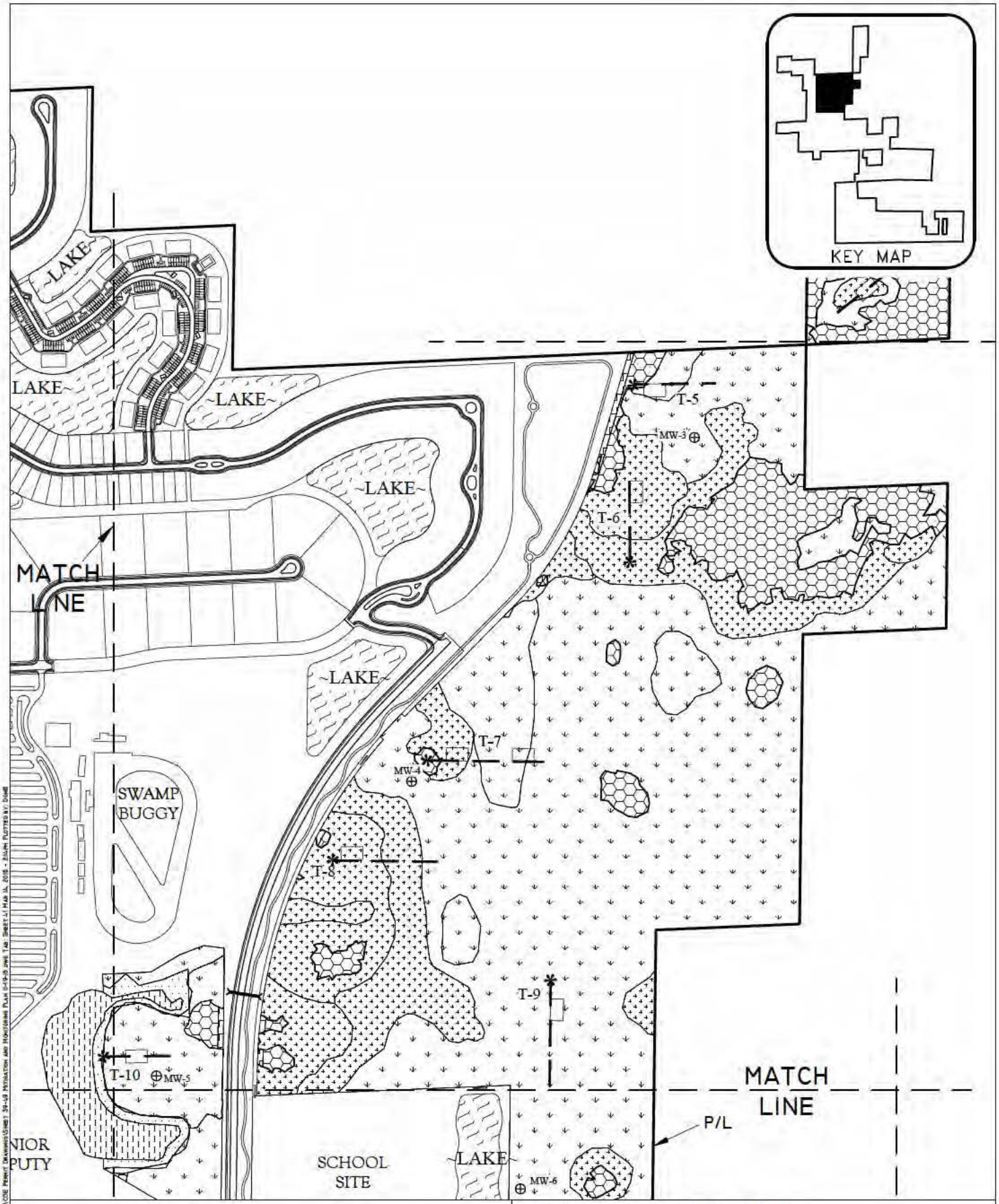
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

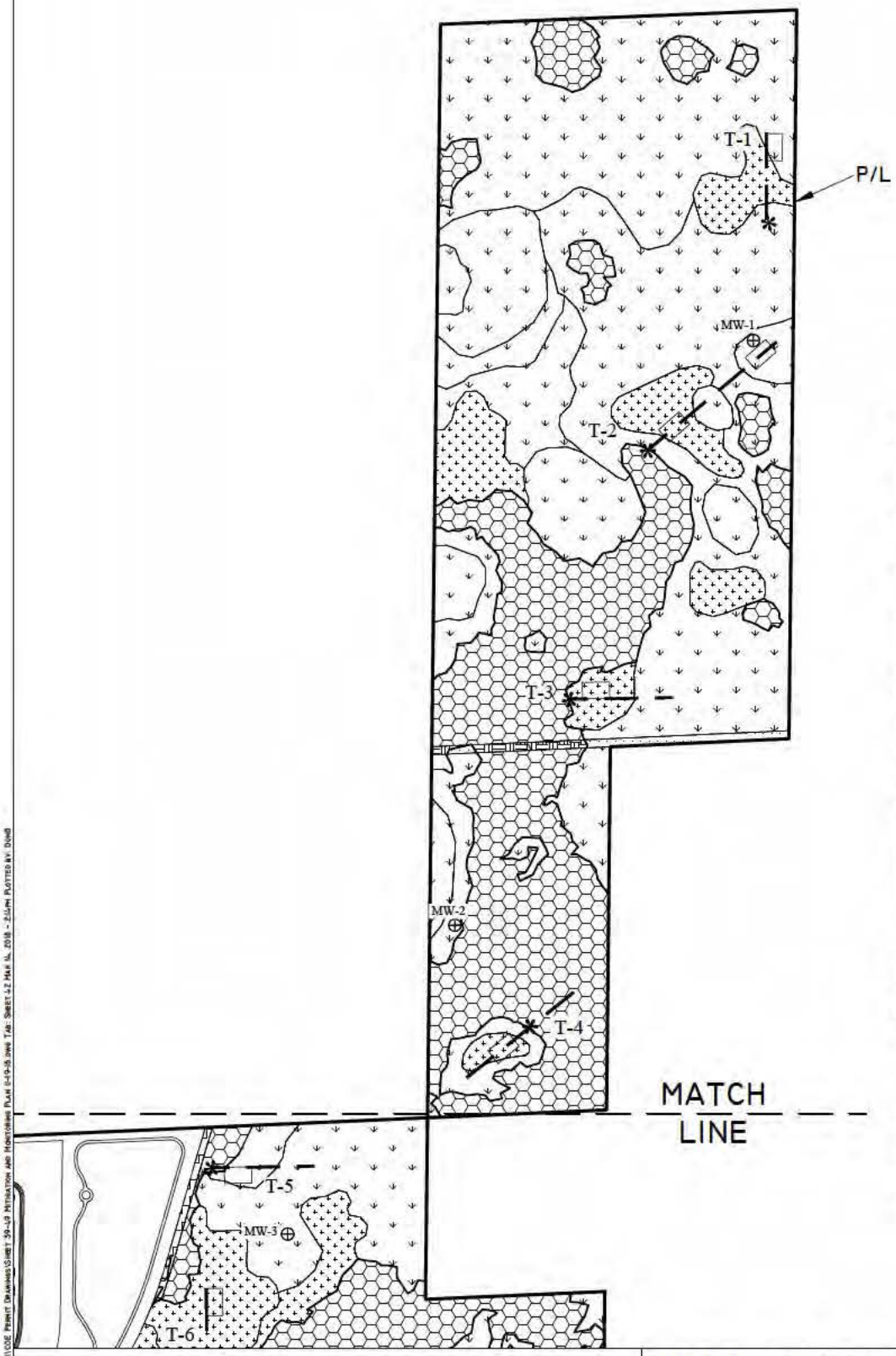
PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN-KEY SHEET	
	DWG. NO. 01MTT737-39	SHEET: 39 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 12/13/12, 3/21/13, 11/19/15	SCALE: N/A

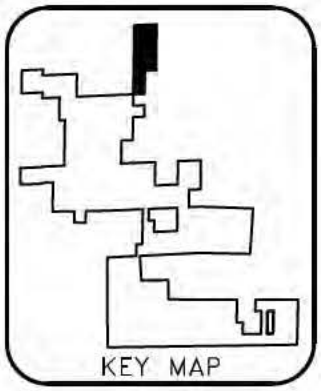


PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-40	SHEET: 40 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-41	SHEET: 41 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'





LEGEND:

CONSERVATION EASEMENT

- WETLAND ENHANCEMENT (845.82 Ac.±) (HAND REMOVAL OF EXOTICS)
- WETLAND ENHANCEMENT (356.53 Ac.±) (SELECTIVE MECHANICAL REMOVAL OF EXOTICS AND SUPPLEMENTAL PLANTINGS)
- WETLAND ENHANCEMENT (75.00 Ac.±) (MECHANICAL REMOVAL OF EXOTICS, GRADING AND PLANTING WITH NATIVE VEGETATION)
- OSW PRESERVE (0.32 Ac.±)
- WETLAND RESTORATION - BACKFILL DITCH AND PLANT WITH NATIVE VEGETATION (2.74 Ac.±)
- UPLAND BUFFER (HAND REMOVAL OF EXOTICS) (0.80 Ac.±)
- UPLAND PRESERVE (HAND REMOVAL OF EXOTICS) (262.95 Ac.±)

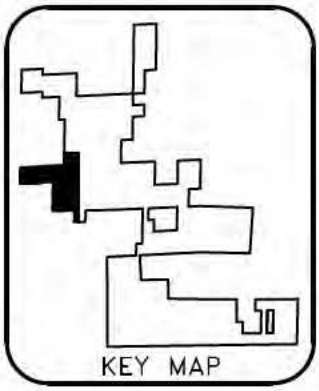
NOT IN CONSERVATION EASEMENT

- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- OSW PRESERVE (5.41 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 AC.±)

OTHER

- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE
- MONITORING TRANSECT
- TREE/SHRUB PLOT
- T-1 TRANSECT NUMBER
- PHOTO-STATION
- MW MONITORING WELL No.
- MONITORING WELL
- WILDLIFE CROSSING

PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-42	SHEET: 42 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



MATCH LINE

JUNIOR DEPUTY

T-10

MW-5

~LAKE~

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

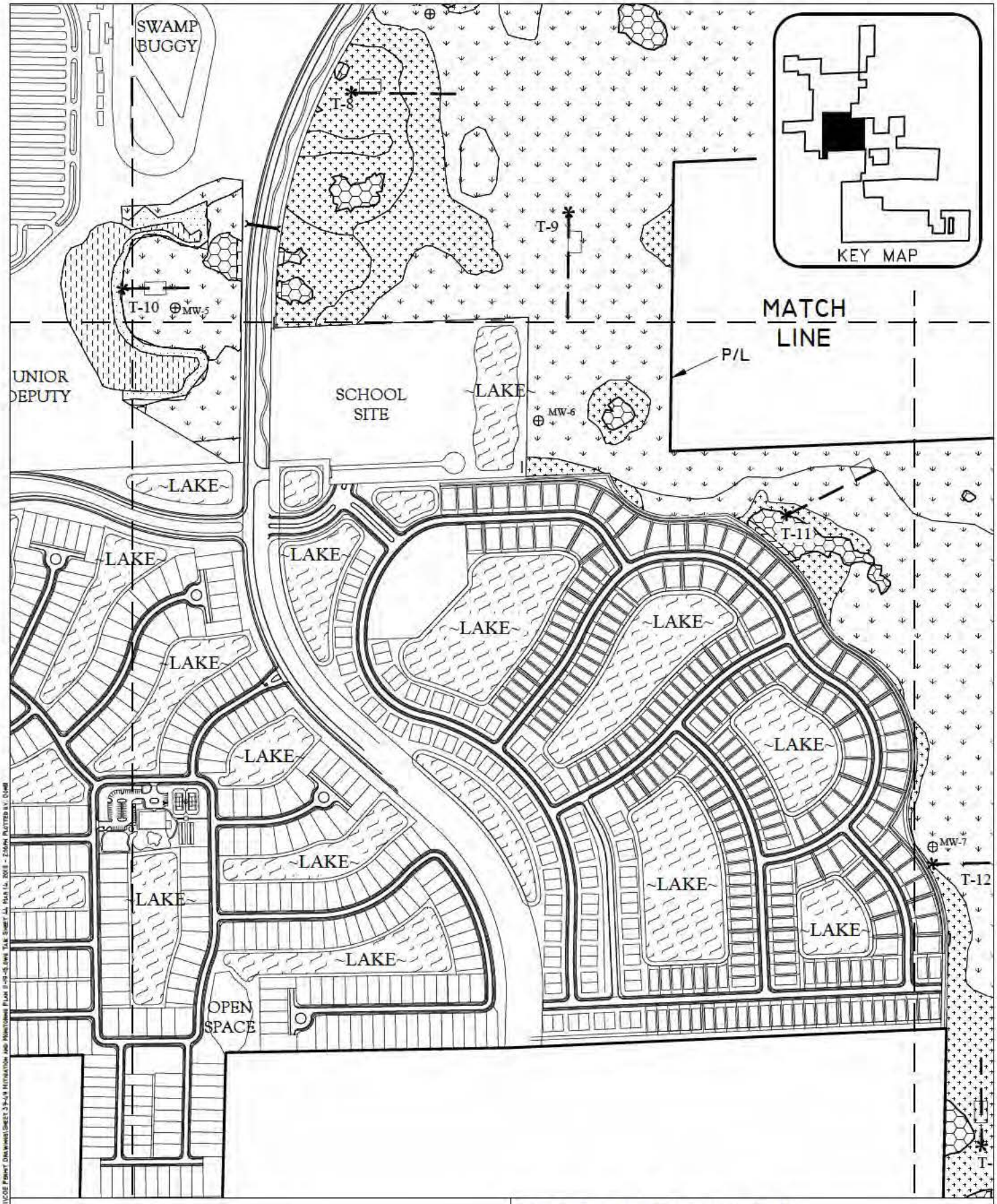
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

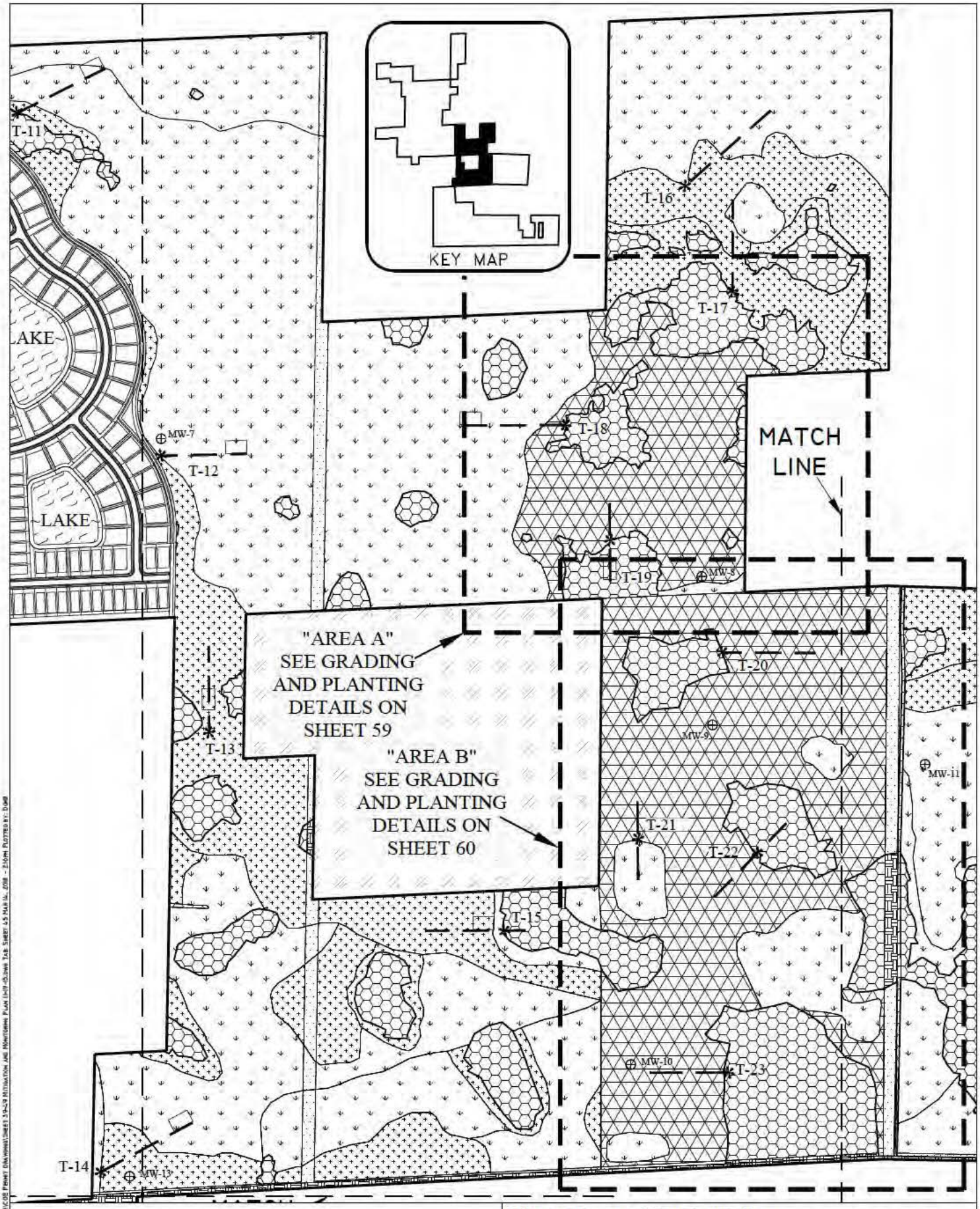
OPEN SPACE

MATCH LINE

PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-43	SHEET: 43 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-44	SHEET: 44 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'



PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-45	SHEET: 45 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

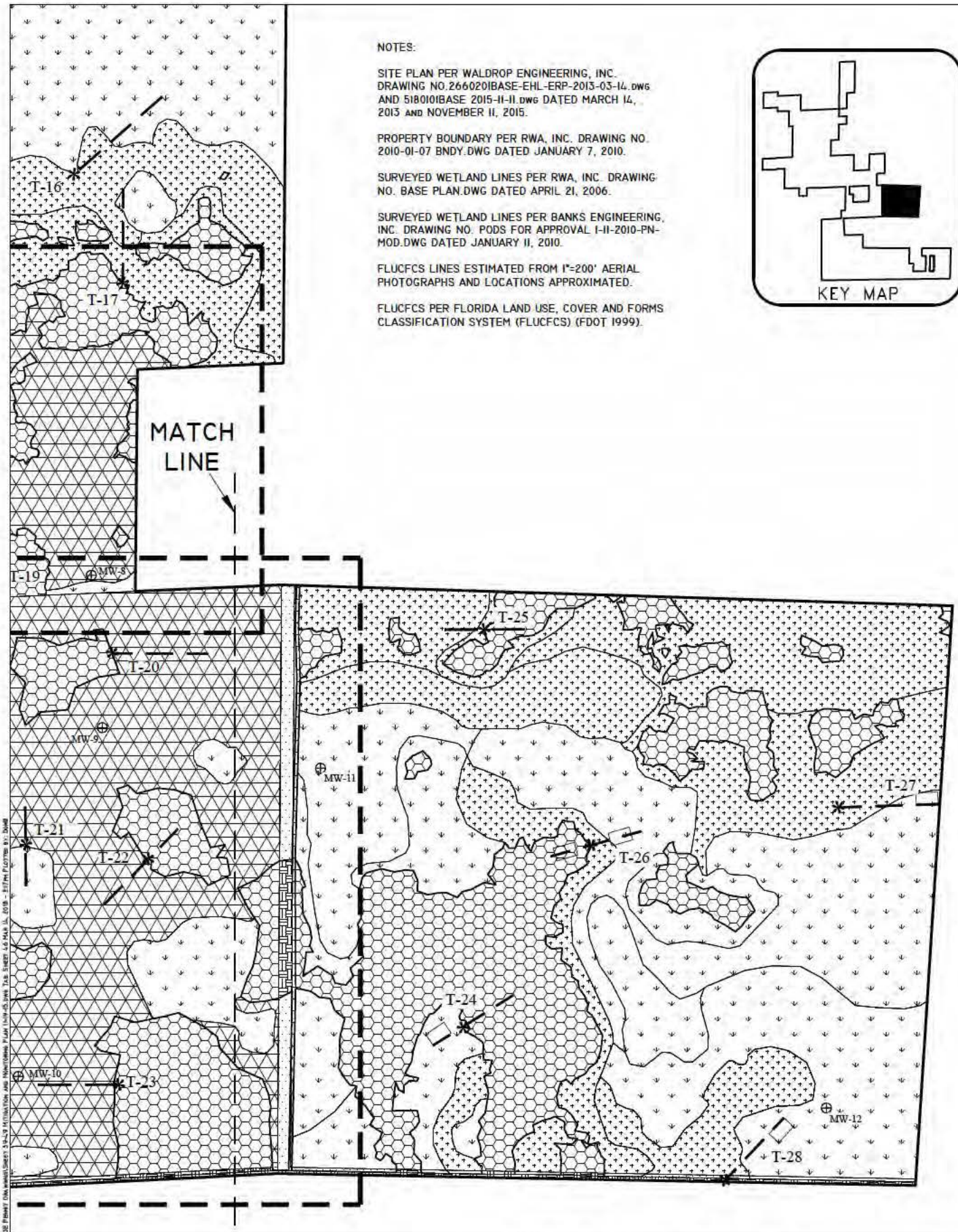
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

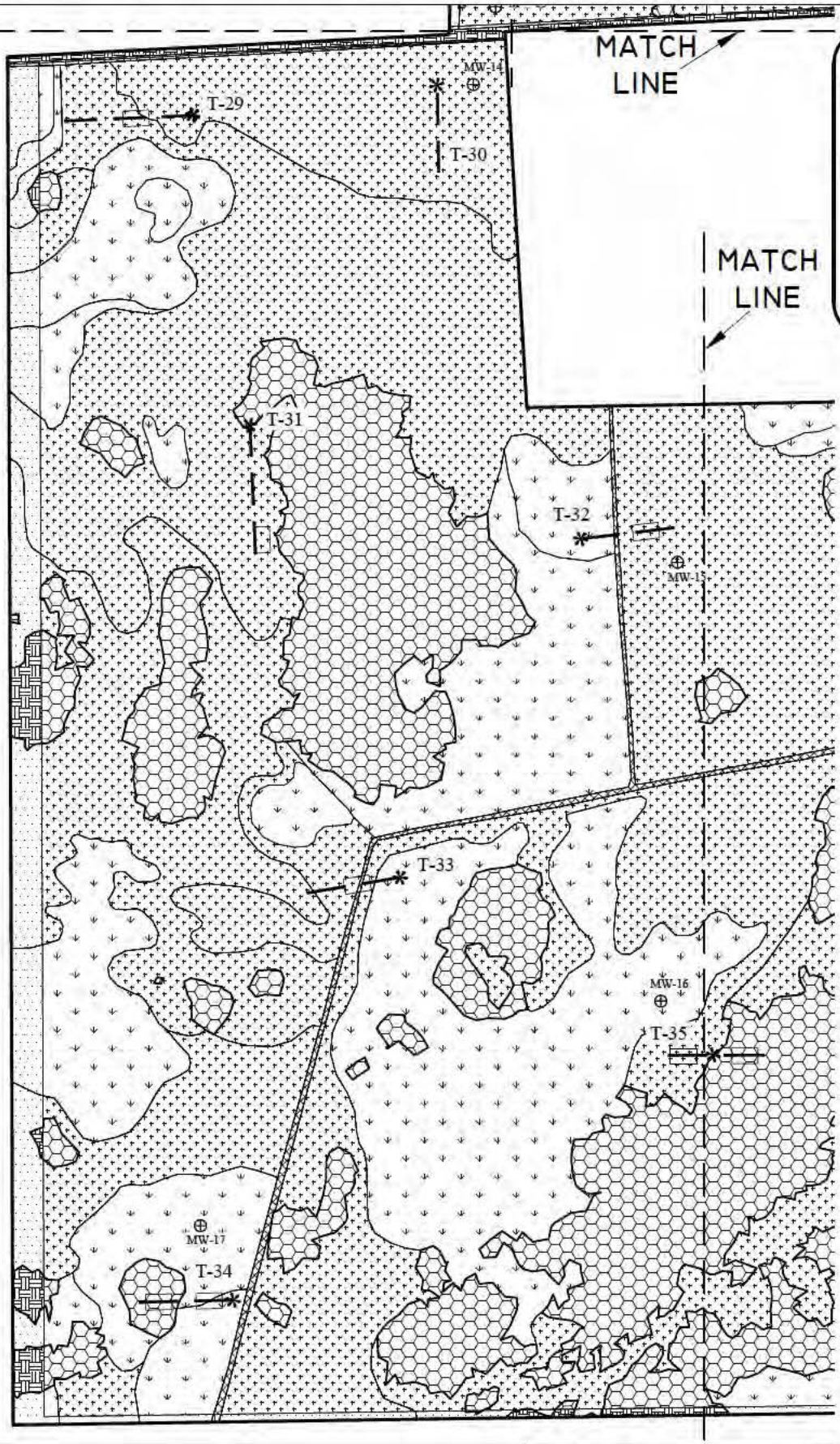
SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

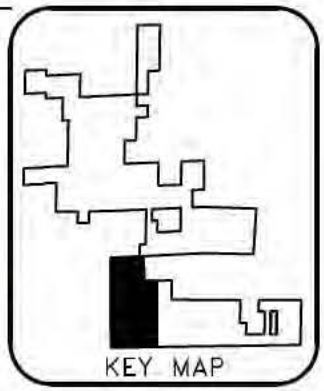
FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).



PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-46	SHEET: 46 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'





NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO.2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO.BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-47	SHEET: 47 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

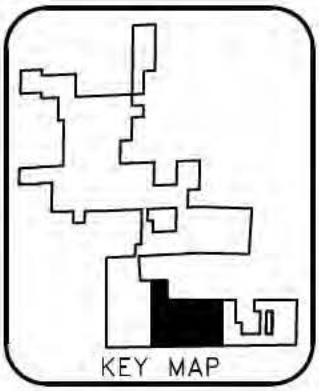
PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

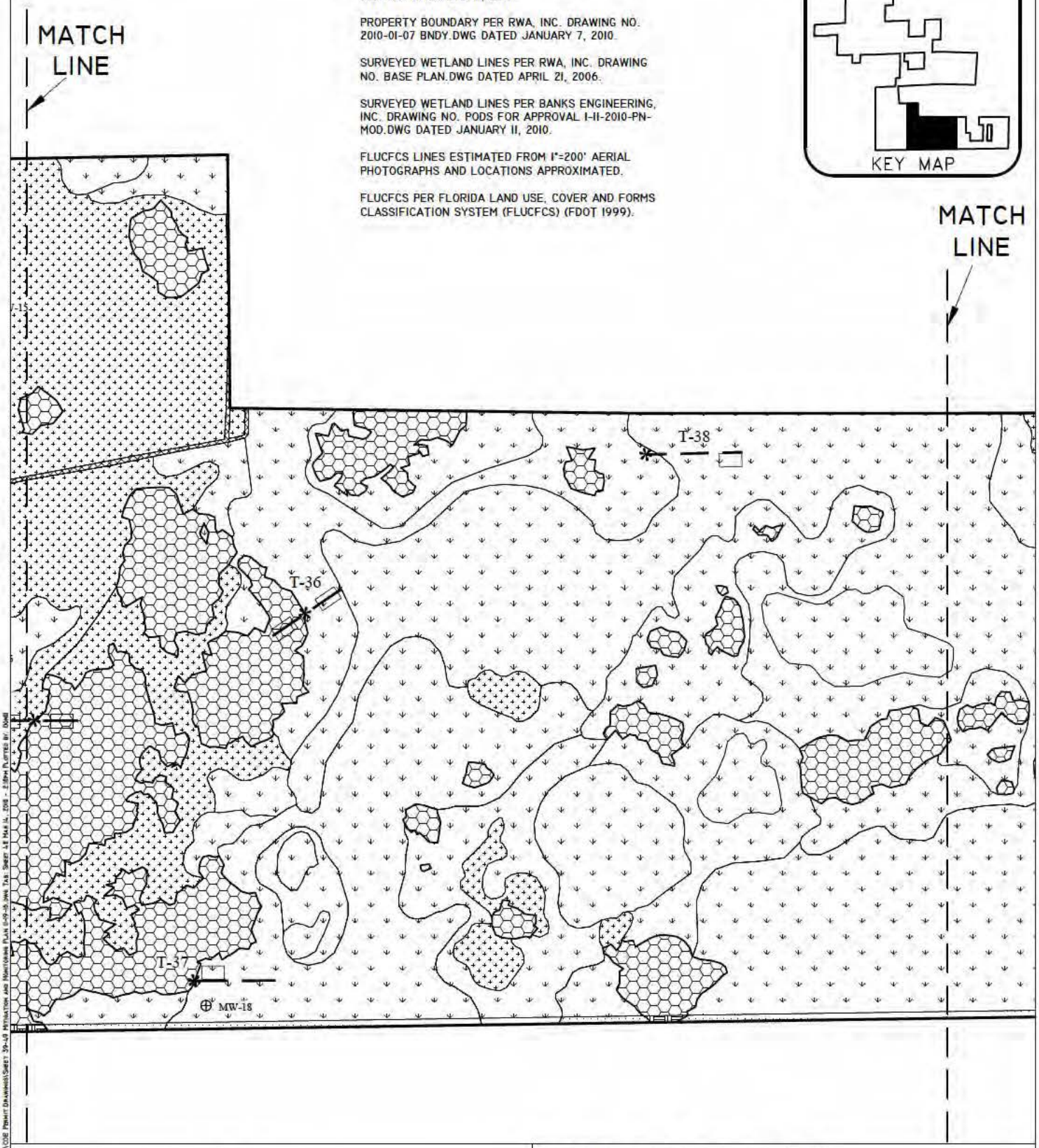
SURVEYED WETLAND LINES PER RWA, INC. DRAWING NO. BASE PLAN.DWG DATED APRIL 21, 2006.

SURVEYED WETLAND LINES PER BANKS ENGINEERING, INC. DRAWING NO. PODS FOR APPROVAL 1-11-2010-PN-MOD.DWG DATED JANUARY 11, 2010.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).





PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-48	SHEET: 48 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

LEGEND:

CONSERVATION EASEMENT

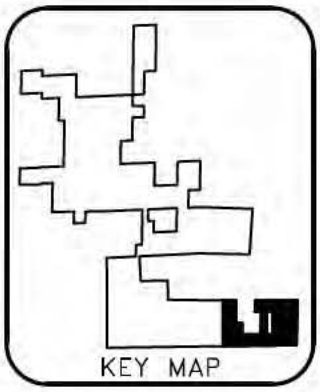
- WETLAND ENHANCEMENT (845.82 Ac.±) (HAND REMOVAL OF EXOTICS)
- WETLAND ENHANCEMENT (356.53 Ac.±) (SELECTIVE MECHANICAL REMOVAL OF EXOTICS AND SUPPLEMENTAL PLANTINGS)
- WETLAND ENHANCEMENT (75.00 Ac.±) (MECHANICAL REMOVAL OF EXOTICS, GRADING AND PLANTING WITH NATIVE VEGETATION)
- OSW PRESERVE (0.32 Ac.±)
- WETLAND RESTORATION - BACKFILL DITCH AND PLANT WITH NATIVE VEGETATION (2.74 Ac.±)
- UPLAND BUFFER (HAND REMOVAL OF EXOTICS) (0.80 Ac.±)
- UPLAND PRESERVE (HAND REMOVAL OF EXOTICS) (262.95 Ac.±)

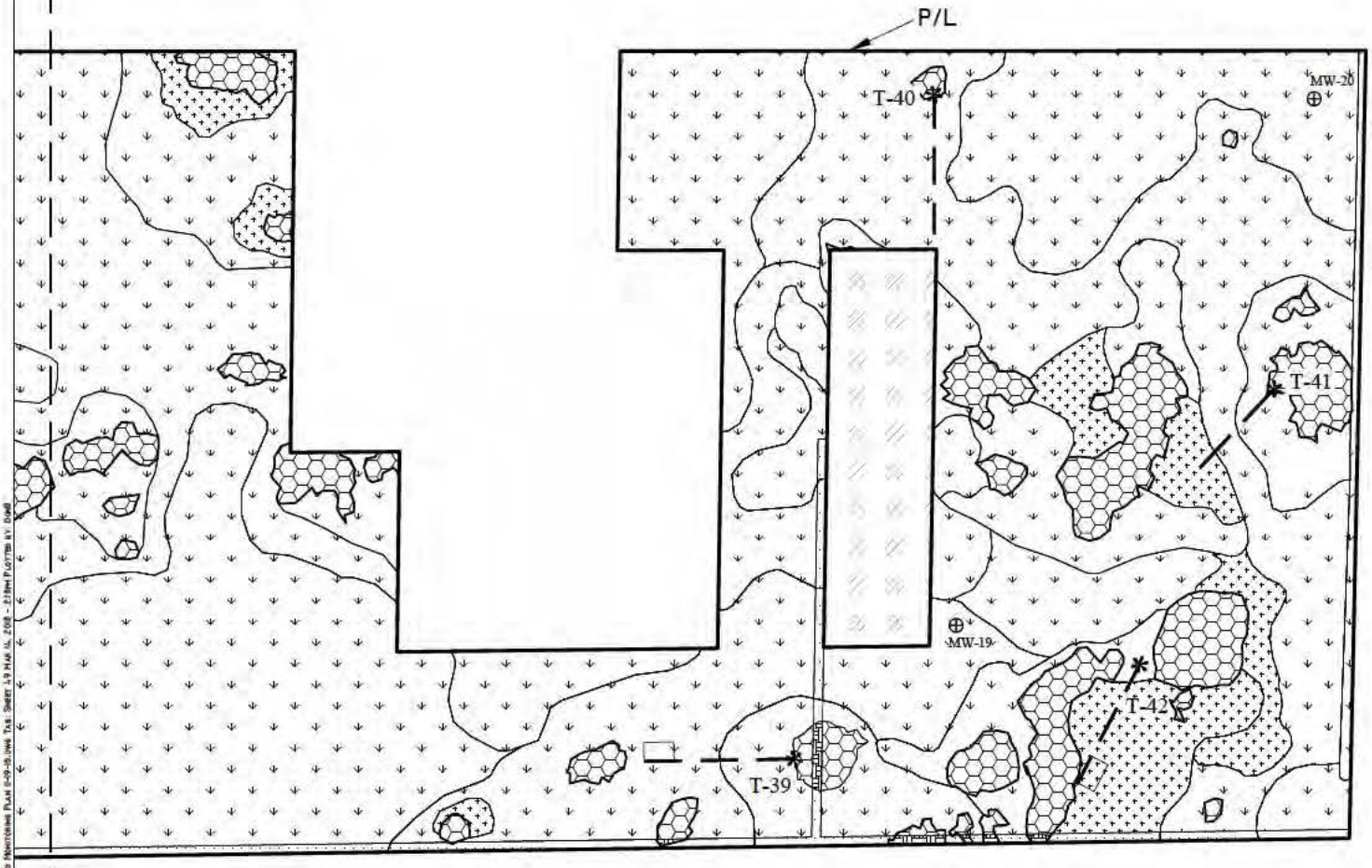
NOT IN CONSERVATION EASEMENT

- WETLAND PRESERVE - NOT USED FOR MITIGATION (31.66 AC.±)
- OSW PRESERVE (5.41 Ac.±)
- UPLAND PRESERVE - NOT USED FOR MITIGATION (8.74 AC.±)

OTHER

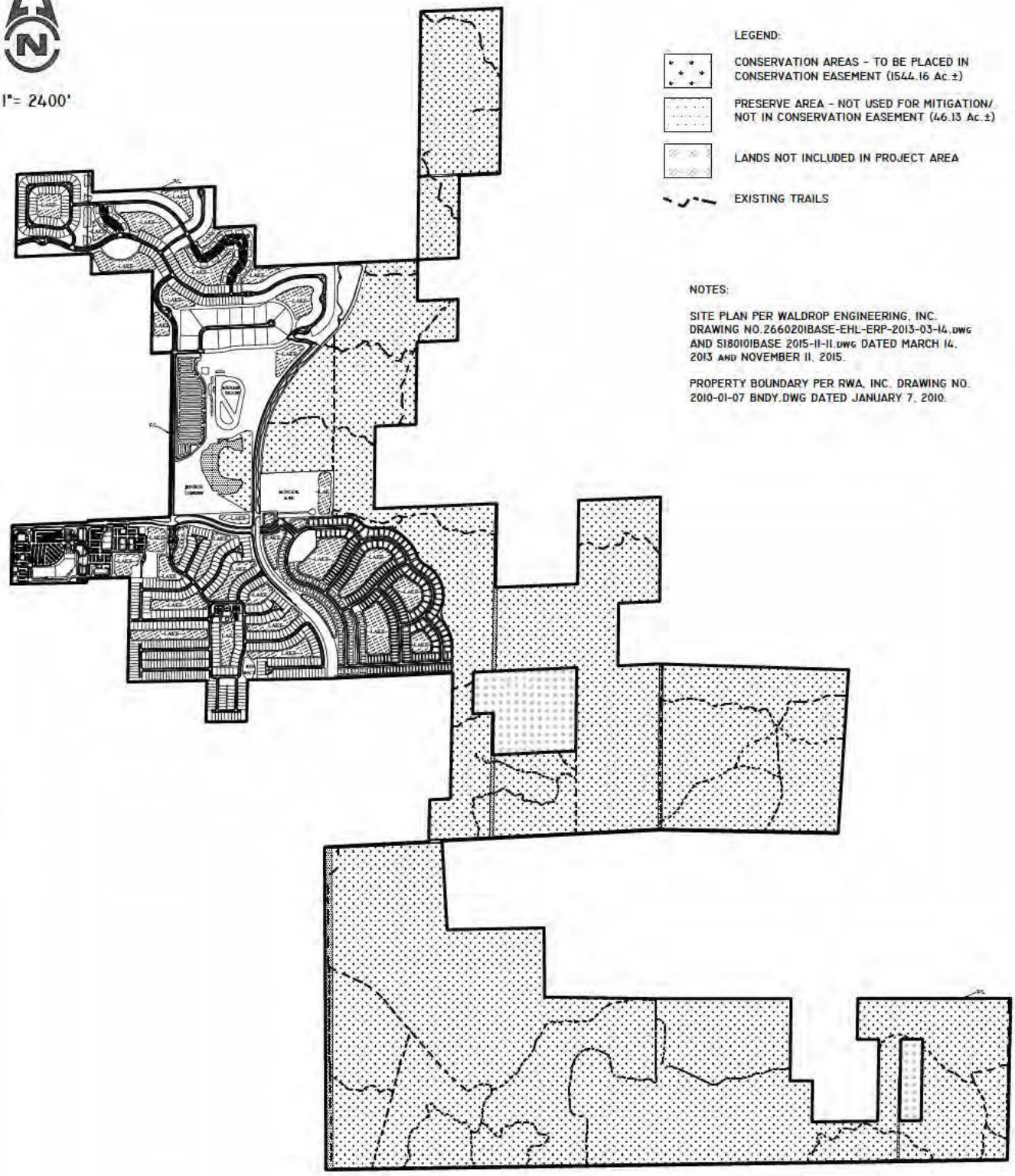
- LANDS NOT INCLUDED IN PROJECT AREA
- SURVEYED WETLAND LINE
- MONITORING TRANSECT
- TREE/SHRUB PLOT
- T-1 TRANSECT NUMBER
- PHOTO-STATION
- MW MONITORING WELL No.
- MONITORING WELL
- WILDLIFE CROSSING





PROJECT NAME: HACIENDA LAKES	MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-49	SHEET: 49 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=600'

1"= 2400'



LEGEND:

CONSERVATION AREAS - TO BE PLACED IN CONSERVATION EASEMENT (1544.16 Ac.±)

PRESERVE AREA - NOT USED FOR MITIGATION/ NOT IN CONSERVATION EASEMENT (46.13 Ac.±)

LANDS NOT INCLUDED IN PROJECT AREA

EXISTING TRAILS

NOTES:

SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND S180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010.

PROJECT NAME: HACIENDA LAKES	SITE PLAN WITH EXISTING TRAILS	
	DWG. NO. 01MTT737-50	SHEET: 50 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 12/5/12, 3/21/13, 11/19/15	SCALE: 1"=2400'

J:\2001\01MTT737\HACIENDA LAKES\2001\CDE PERMIT DRAWINGS\SHEET 50 SITE PLAN WITH EXISTING TRAIL ACCESS.DWG Tab: Sheet 50 Nov 16, 2015 - 2:01PM PLOTTED BY: DAVID

1"= 2400'

LEGEND:

CONSERVATION AREAS

POTENTIAL STAGING AREAS FOR MITIGATION ACTIVITIES

LANDS NOT INCLUDED IN PROJECT AREA

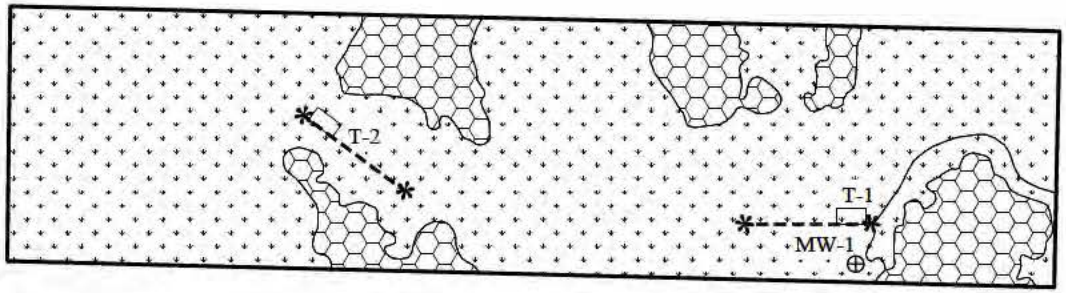
NOTES:

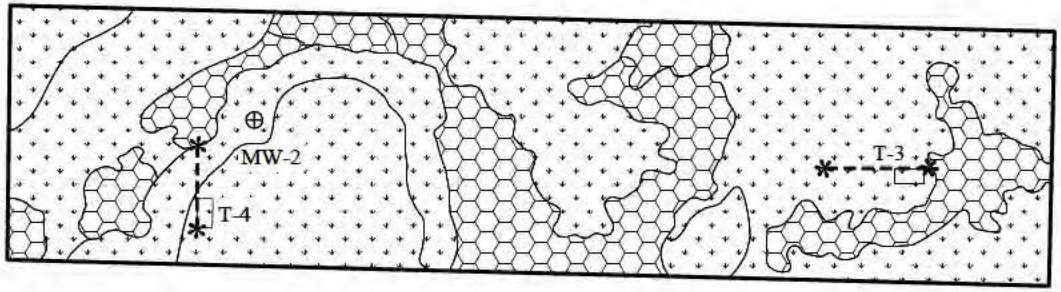
SITE PLAN PER WALDROP ENGINEERING, INC. DRAWING NO.2660201BASE-EHL-ERP-2013-03-14.DWG AND 5180101BASE 2015-11-11.DWG DATED MARCH 14, 2013 AND NOVEMBER 11, 2015.

PROPERTY BOUNDARY PER RWA, INC. DRAWING NO. 2010-01-07 BNDY.DWG DATED JANUARY 7, 2010

PROJECT NAME: HACIENDA LAKES	POTENTIAL STAGING AREAS FOR MITIGATION ACTIVITIES	
	DWG. NO. 01MTT737-51	SHEET: 51 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS: 5/2/11, 12/21/11, 3/21/13, 11/19/15	SCALE: 1"=2400'

SCALE: 1" = 500'





OFF-SITE MITIGATION PARCELS

LEGEND:

- WETLAND ENHANCEMENT (HAND REMOVAL OF EXOTICS) (63.93 Ac.±)
- UPLAND PRESERVE (HAND REMOVAL OF EXOTICS) (19.08 Ac.±)
- MONITORING TRANSECT
- TREE/SHRUB PLOT
- T-1 TRANSECT NUMBER
- * PHOTO-STATION
- MW-1 MONITORING WELL No.
- ⊕ MONITORING WELL

NOTES:

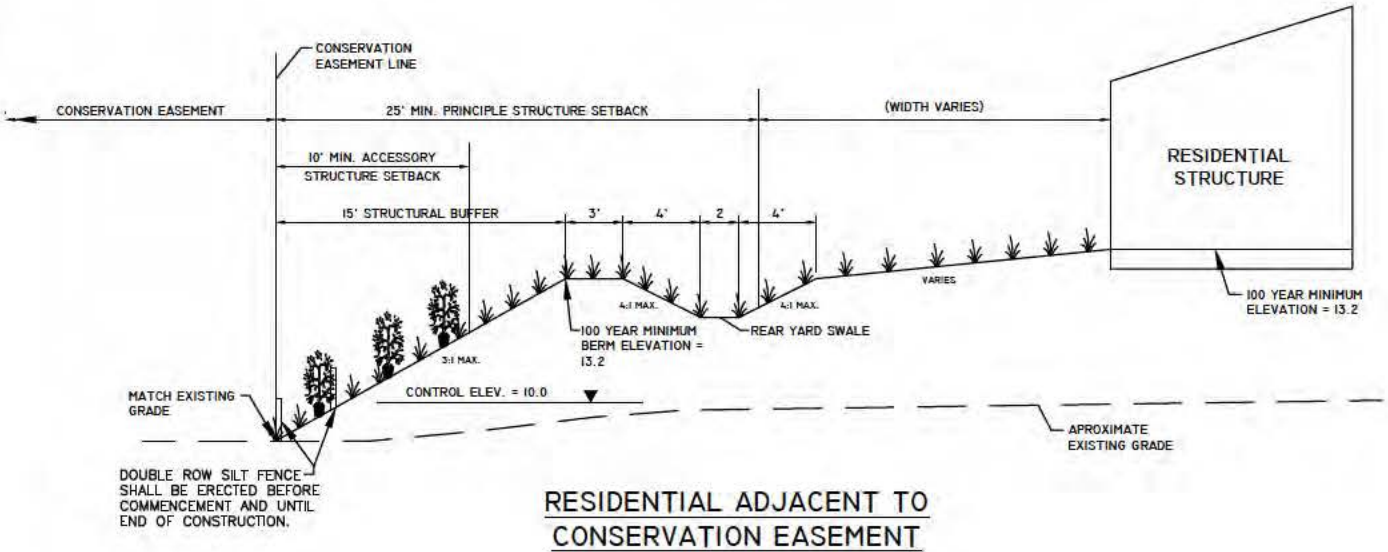
ADDITIONAL PARCELS ESTIMATED FROM THE COLLIER COUNTY PROPERTY APPRAISER'S GIS WEBSITE.

FLUCFCS LINES ESTIMATED FROM 1"=200' AERIAL PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

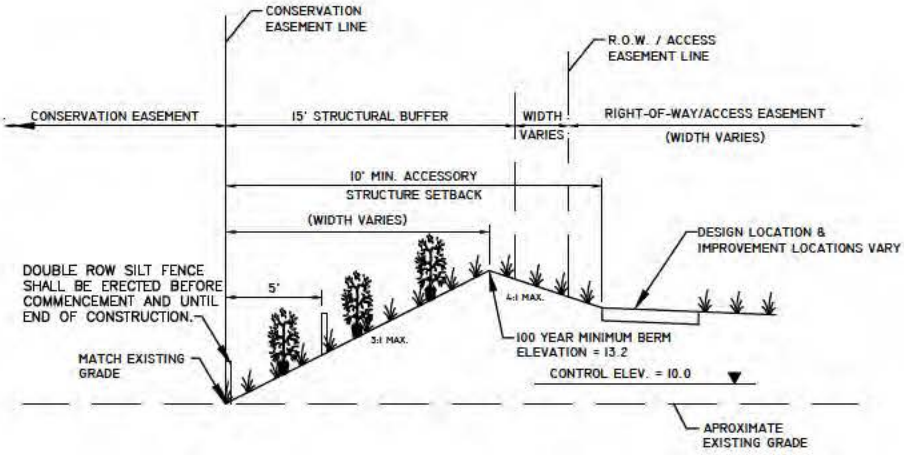
PROJECT NAME: HACIENDA LAKES	OFF-SITE MITIGATION PARCELS - MITIGATION AND MONITORING PLAN	
	DWG. NO. 01MTT737-52	SHEET: 52 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 12/27/11
	REVISIONS: 9/19/12	SCALE: 1"=500'

J:\2001\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 52 OFF-SITE MITIGATION MONITORING PLAN 12-5-12.DWG TAB: SHEET 52 MAR 14, 2013 - 2:22PM PLOTTED BY: DONB



RESIDENTIAL ADJACENT TO CONSERVATION EASEMENT

N.T.S.



ROAD ADJACENT TO CONSERVATION EASEMENT

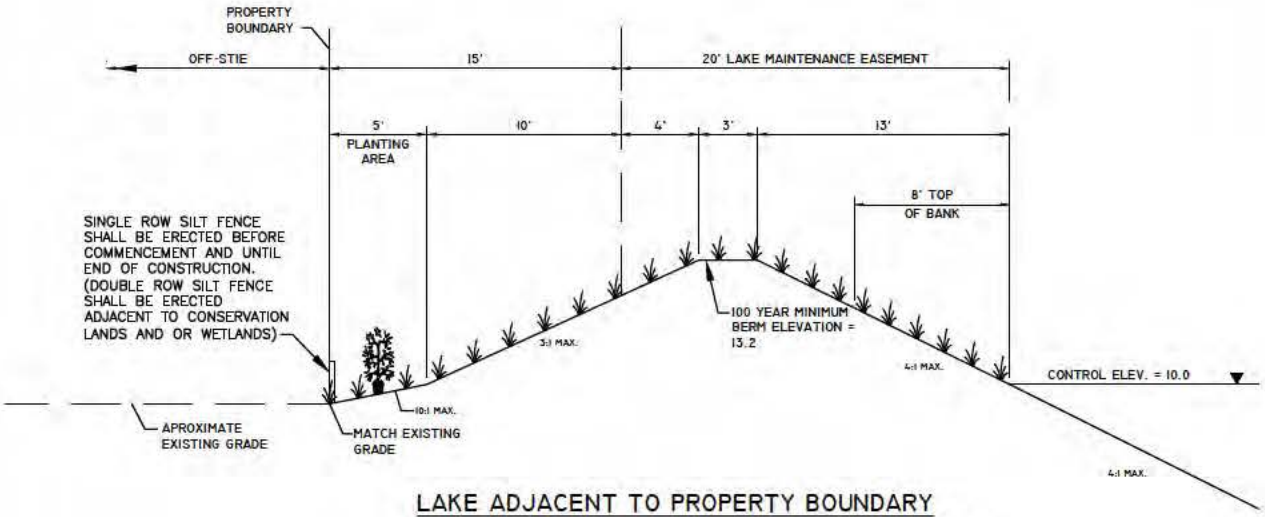
N.T.S.

NOTE:

LINEWORK PER RWA, INC. DRAWING No. 0501500203W21.DWG AND 0501500203W22.DWG DATED APRIL 2, 2010.

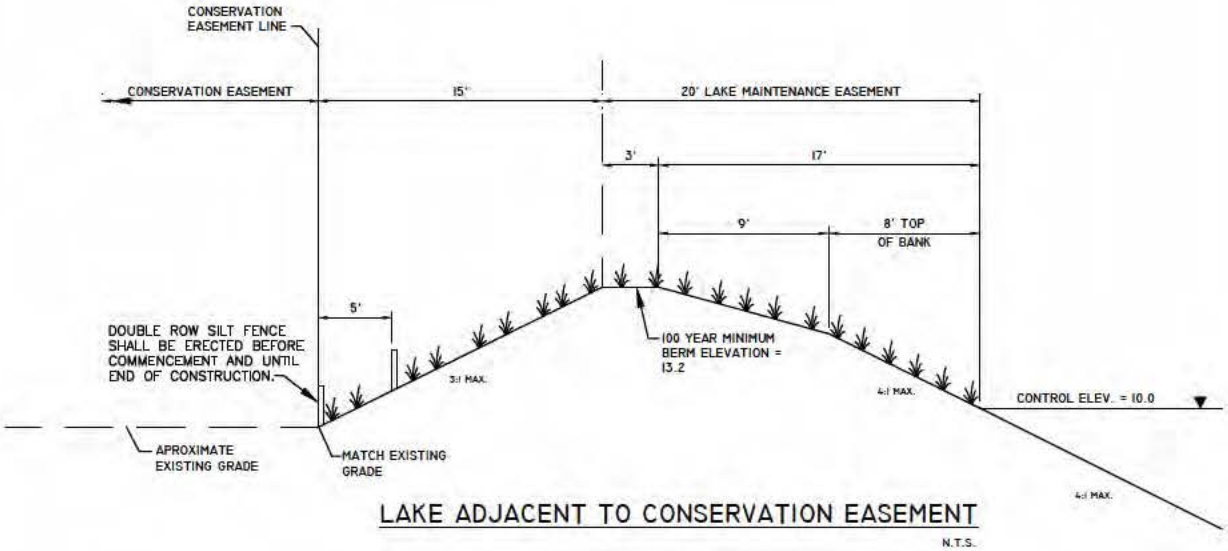
PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. No. 01MTT737-53	SHEET: 53 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 4/6/10
	REVISIONS:	N.T.S.

J:\2001\04\TT737\HACIENDA LAKES\2011\CDR Permit Drawings\Sheet 53-56 Typical Sections 12-5-12.dwg Tab: Sheet 53 Mar 14, 2013 - 2:23pm Plotted By: Doug



LAKE ADJACENT TO PROPERTY BOUNDARY

N.T.S.



LAKE ADJACENT TO CONSERVATION EASEMENT

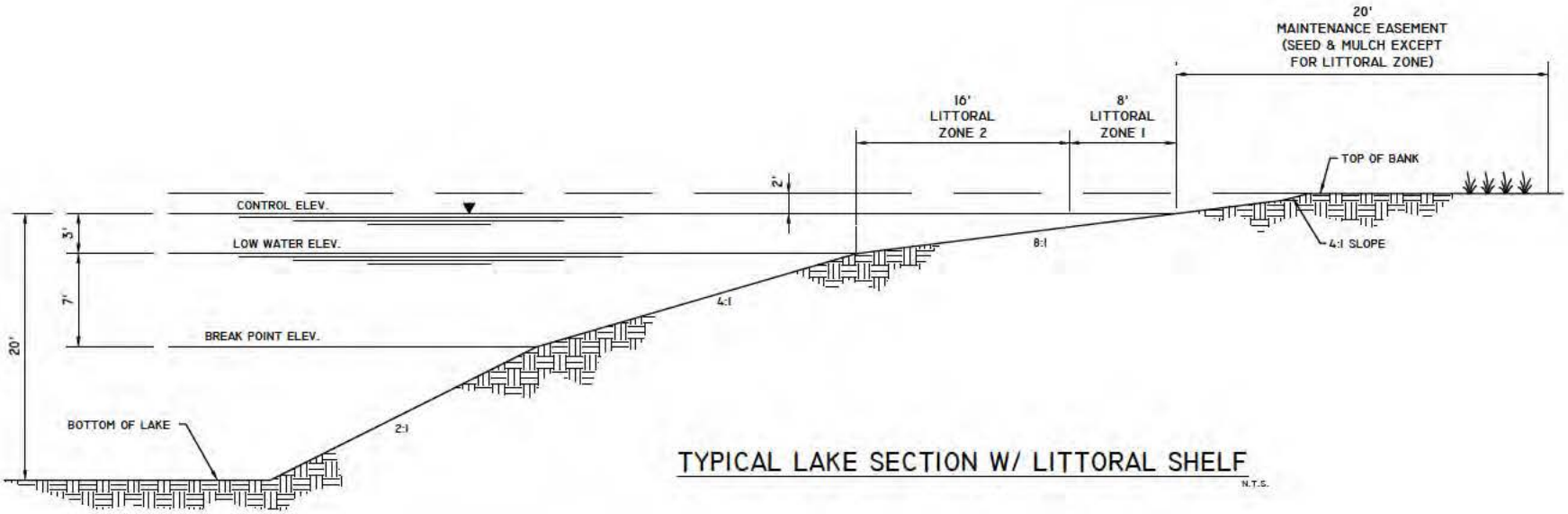
N.T.S.

NOTE:

LINEWORK PER RWA, INC. DRAWING No. 0501500203W22.DWG DATED APRIL 2, 2010.

PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. No. 01MTT737-54	SHEET: 54 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 4/6/10
	REVISIONS:	N.T.S.

J:\2001\01MTT737\HACIENDA LAKES\2010\COE PERMIT DRAWINGS\SHEET 53-56 TYPICAL SECTIONS 12-5-12.DWG TAB: SHEET 54 MAR 14, 2013 - 2:23PM PLOTTED BY: DOMB



TYPICAL LAKE SECTION W/ LITTORAL SHELF

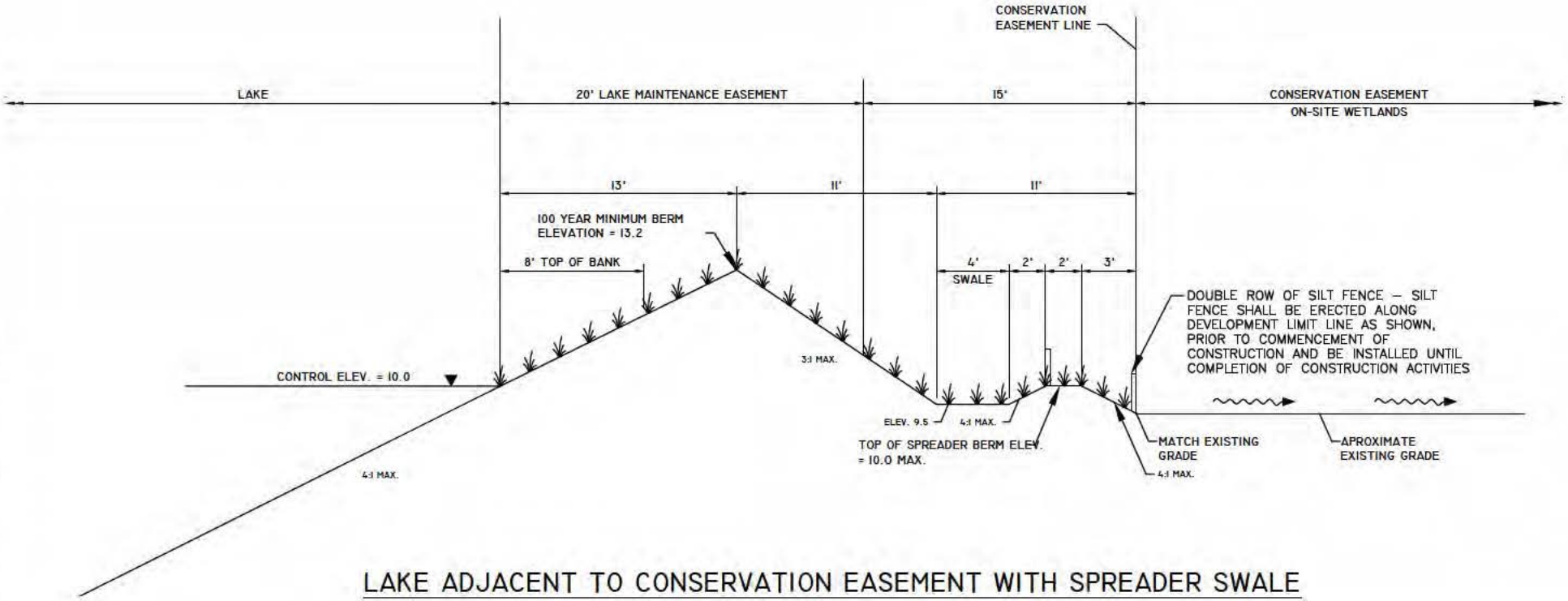
N.T.S.

NOTE:

LINEWORK PER RWA, INC. DRAWING No. 0501500203W23.DWG DATED MARCH 31, 2010.

PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. No. 01MTT737-55	SHEET: 55 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS:	N.T.S.

J:\2001\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 53-56 TYPICAL SECTIONS 12-5-12.DWG TAB: SHEET 55 MAR 14, 2013 - 2:24PM PLOTTED BY: DONB



LAKE ADJACENT TO CONSERVATION EASEMENT WITH SPREADER SWALE

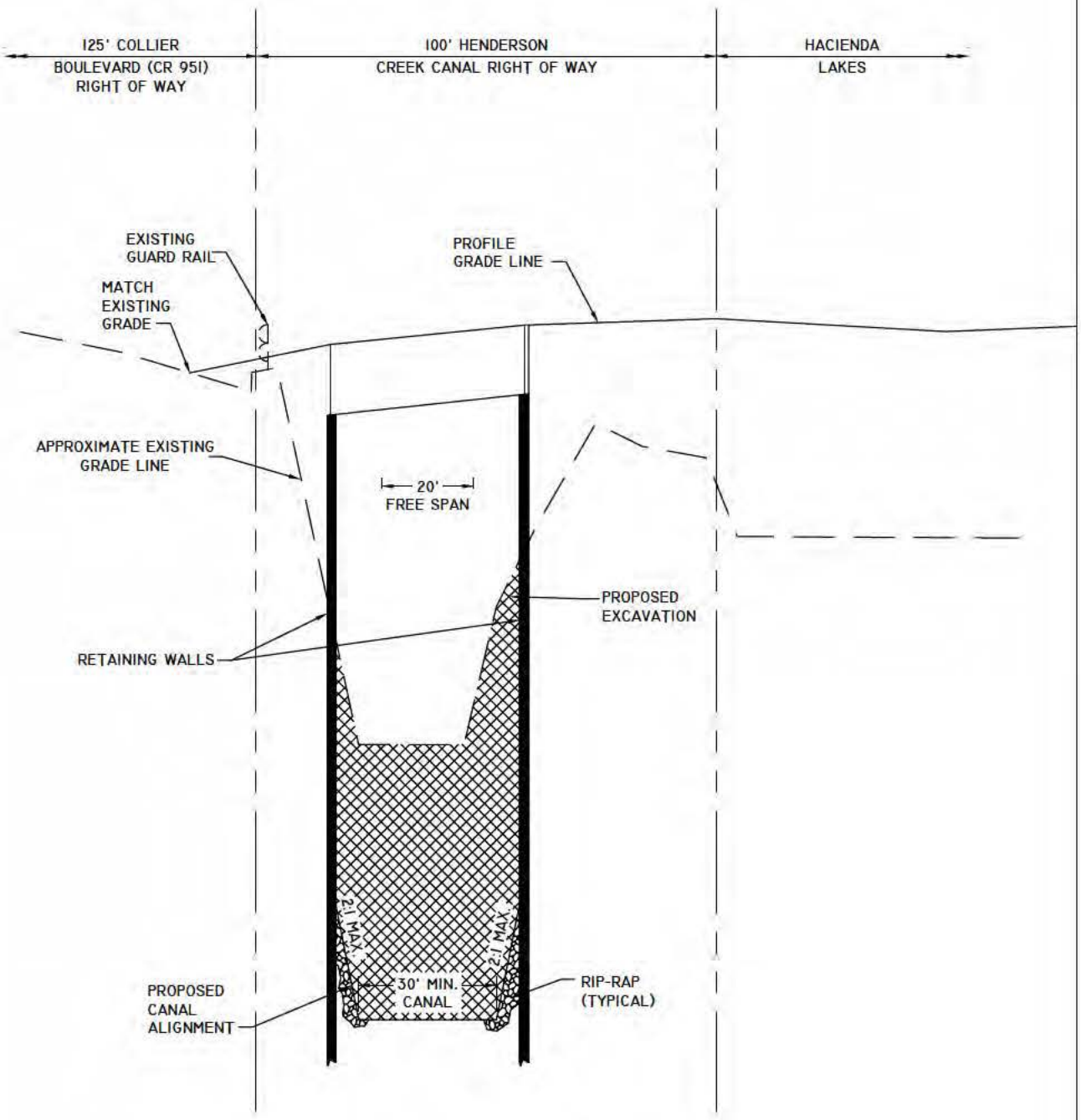
N.T.S.

NOTE:

LINEWORK PER RWA, INC. DRAWING No. 0501500203W28.DWG DATED MARCH 31, 2010.

PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. No. 01MTT737-56	SHEET: 56 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F., W.C.	DATE: 3/29/10
	REVISIONS:	N.T.S.

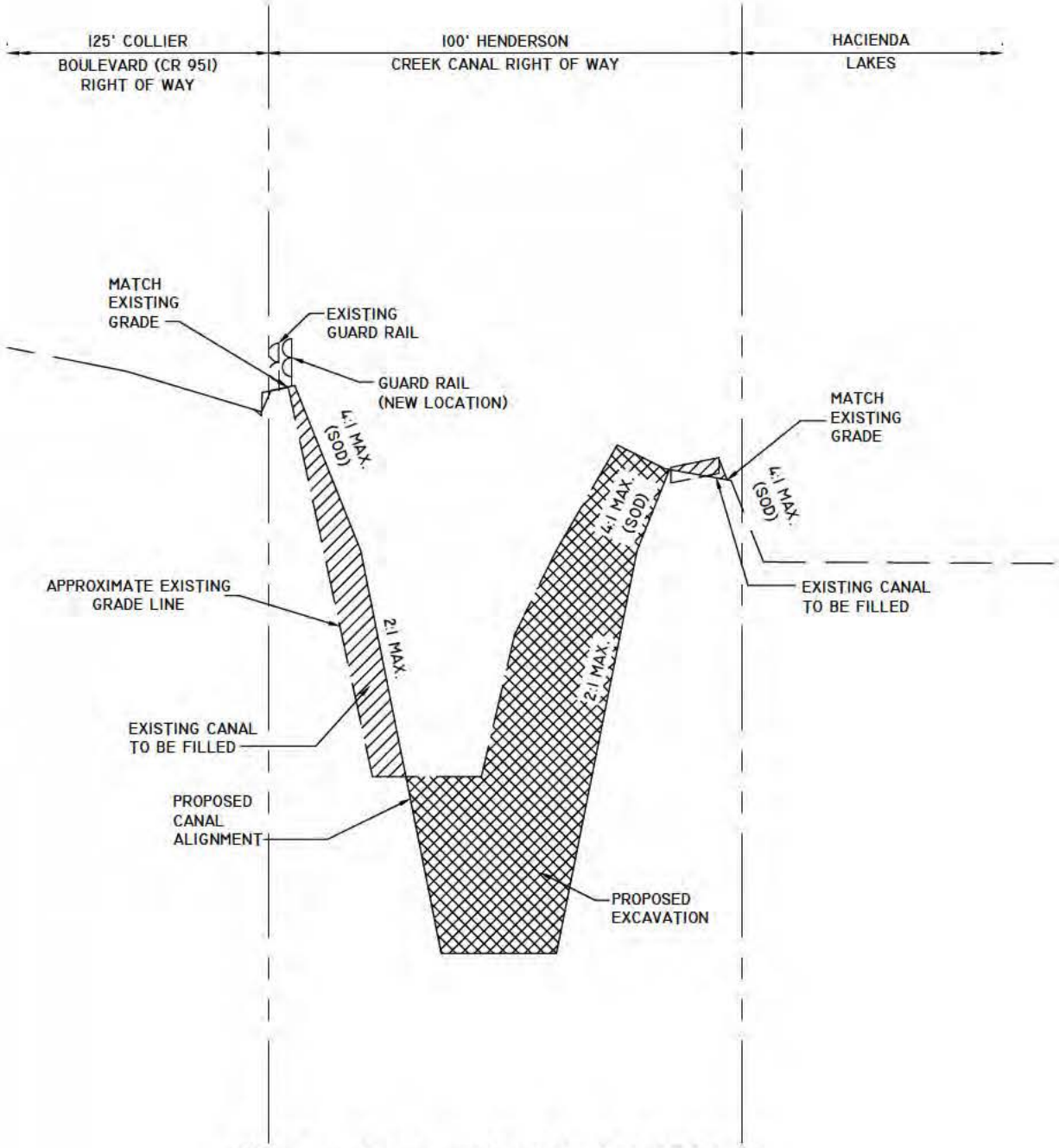
J:\2010\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 53-56 TYPICAL SECTIONS 12-5-12.DWG TAB: SHEET 56 MAR 14, 2013 - 2:26PM PLOTTED BY: DOHB



TYPICAL BRIDGE CROSS SECTION

N.T.S.

PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. NO. 01MTT737-57	SHEET: 57 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 12/21/11
	REVISIONS: 12/5/12	N.T.S.



TYPICAL CANAL IMPACT CROSS SECTION

N.T.S.

PROJECT NAME: HACIENDA LAKES	TYPICAL CROSS SECTIONS	
	DWG. NO. 01MTT737-58	SHEET: 58 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: P.F.	DATE: 12/21/11
	REVISIONS: 12/5/12	N.T.S.

LEGEND:

- (12.0) PROPOSED CONTOUR
- •10.5 PROPOSED SPOT ELEVATION
- +9.5' EXISTING GROUND ELEVATION
- WETLAND ENHANCEMENT - (HAND REMOVAL OF EXOTICS)
- WETLAND ENHANCEMENT - (HAND REMOVAL OF EXOTICS AND SUPPLEMENTAL PLANTINGS)
- WETLAND ENHANCEMENT - (MECHANICAL REMOVAL OF EXOTICS, GRADING AND PLANTING WITH NATIVE VEGETATION)
- WATERS PRESERVE
- UPLAND BUFFER (HAND REMOVAL OF EXOTICS)
- UPLAND PRESERVE (HAND REMOVAL OF EXOTICS)
- WETLAND RESTORATION - BACKFILL DITCH AND PLANT WITH NATIVE VEGETATION
- WETLAND PRESERVE - NOT USED FOR MITIGATION
- UPLAND PRESERVE - NOT USED FOR MITIGATION
- LANDS NOT INCLUDED IN PROJECT AREA

PLANTING AREAS A and B

LEGEND:

- ZONE 1 PLANTINGS (41.23 Ac.±)
- ZONE 2 PLANTINGS (13.94 Ac.±)
- ZONE 3 PLANTINGS (12.04 Ac.±)
- ZONE 4 PLANTINGS (7.79 Ac.±)

NOTES:

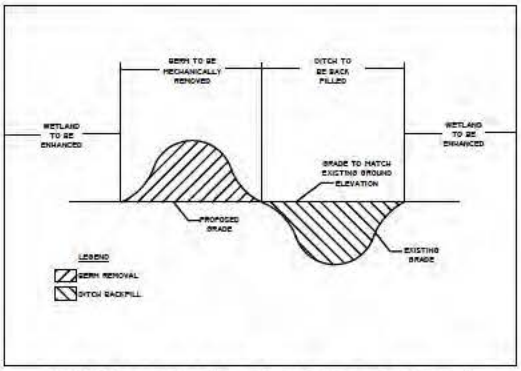
LIMITS OF MECHANICAL CLEARING TO BE FLAGGED IN THE FIELD AND REVIEWED/APPROVED BY SFWMD STAFF PRIOR TO COMMENCEMENT OF CLEARING ACTIVITIES.

LIMITS OF MECHANICAL CLEARING MAY BE FIELD ADJUSTED TO AVOID EXISTING MATURE NATIVE TREES WHERE APPROPRIATE.

FINAL GRADES MAYBE ADJUSTED IN THE FIELD WHERE APPROPRIATE TO ACCOMODATE SUB-SURFACE ROCK CONDITIONS.

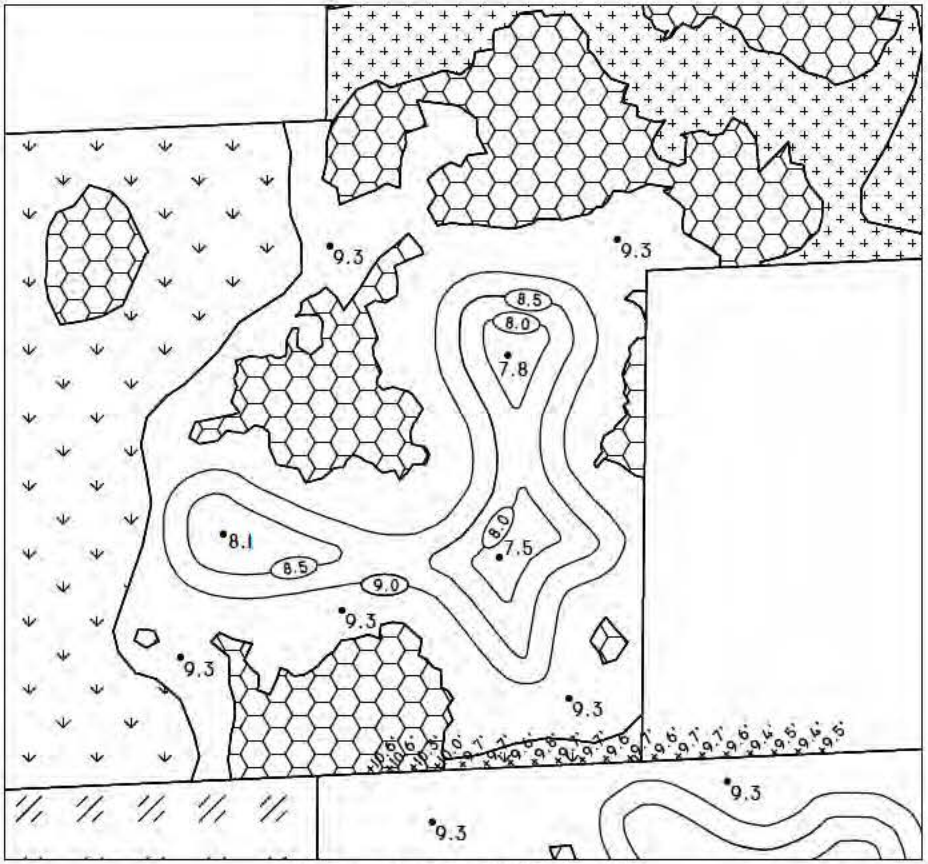
AN AS-BUILT OF THE GRADED AREAS WILL BE PROVIDED TO SFWMD FOR REVIEW AND APPROVAL PRIOR TO PLANTING.

Planting Zone	Common Name	Scientific Name	Minimum Height	Minimum Container Size	Planting Density (On Center)
Zone 1	Cypress	*Taxodium distichum*	5 ft.	1 gal.	10 ft.
	Cordgrass	*Spartina bakeri*	12 in.	4 in.	3 ft
	Gulfdune Paspalum	*Paspalum monostachyum*	12 in	4 in.	3 ft
	Sawgrass	*Cladium jamaicense*	12 in.	2 in	3 ft
	Blue Maidencane	*Amphicarpum muhlenbergianum*	12 in.	2 in	3 ft
	Maidencane	*Panicum hemitomon*	12 in.	2 in	3 ft
	Pickerelweed	*Pontederia cordata*	12 in.	2 in	3 ft
Zone 2	Arrowhead	*Sagittaria lancifolia*	12 in.	2 in	3 ft
	Spikerush	*Eleocharis interstincta*	12 in.	2 in	3 ft
Zone 3	Sawgrass	*Cladium jamaicense*	12 in.	2 in	3 ft
	Maidencane	*Panicum hemitomon*	12 in.	2 in	3 ft
	Pickerelweed	*Pontederia cordata*	12 in.	2 in	3 ft
	Arrowhead	*Sagittaria lancifolia*	12 in.	2 in	3 ft
	Giant Bulrush	*Scirpus californicus*	12 in.	2 in	3 ft
Zone 4	Spikerush	*Eleocharis interstincta*	12 in.	2 in	3 ft
	Alligator Flag	*Thalia geniculata*	12 in.	2 in	3 ft
	Giant Bulrush	*Scirpus californicus*	12 in.	2 in	3 ft
	Spatter-dock	*Nyphar luteum*	24 in.	1 gal.	15 ft.
	Waterlily	*Nymphaea odorata*	24 in.	1 gal.	15 ft.
	Floating-hearts	*Nymphoides aquatica*	24 in.	1 gal.	15 ft.

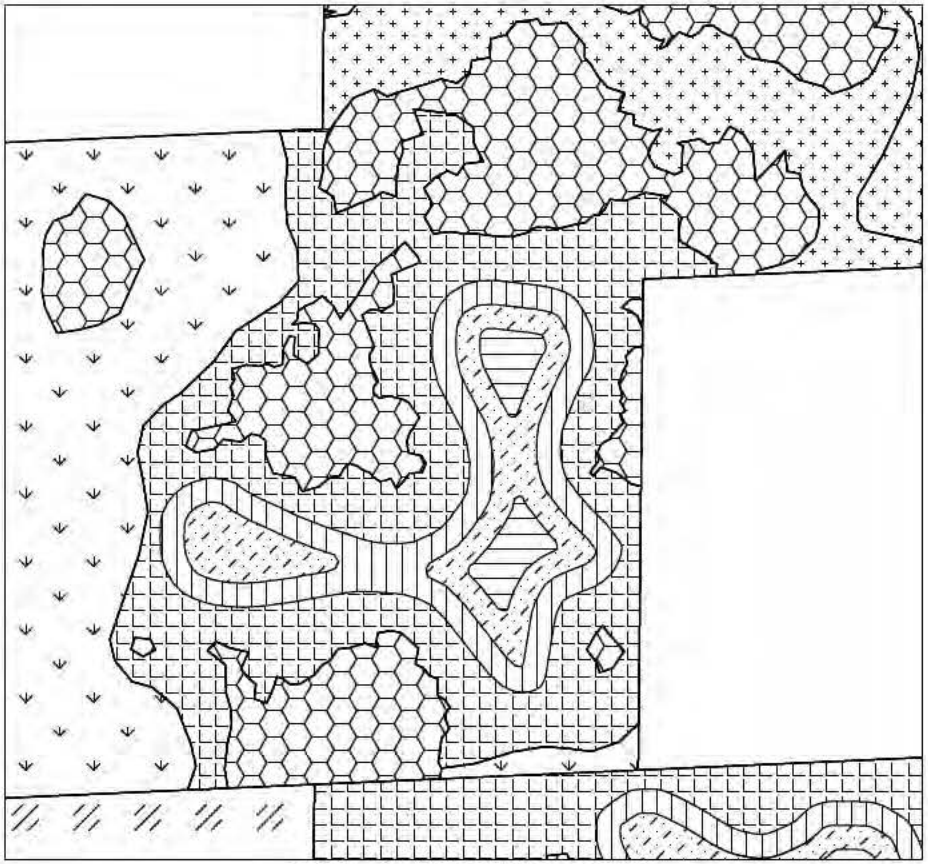


TYPICAL DITCH BACKFILL SECTION
N.T.S.

PROJECT NAME: HACIENDA LAKES	MITIGATION DETAILS - LEGEND	
	DWG. NO. 01MTT737-59	SHEET: 59 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: W.C.	DATE: 3/29/10
	REVISIONS: 7/20/10, 5/2/11, 12/21/11	N.T.S.



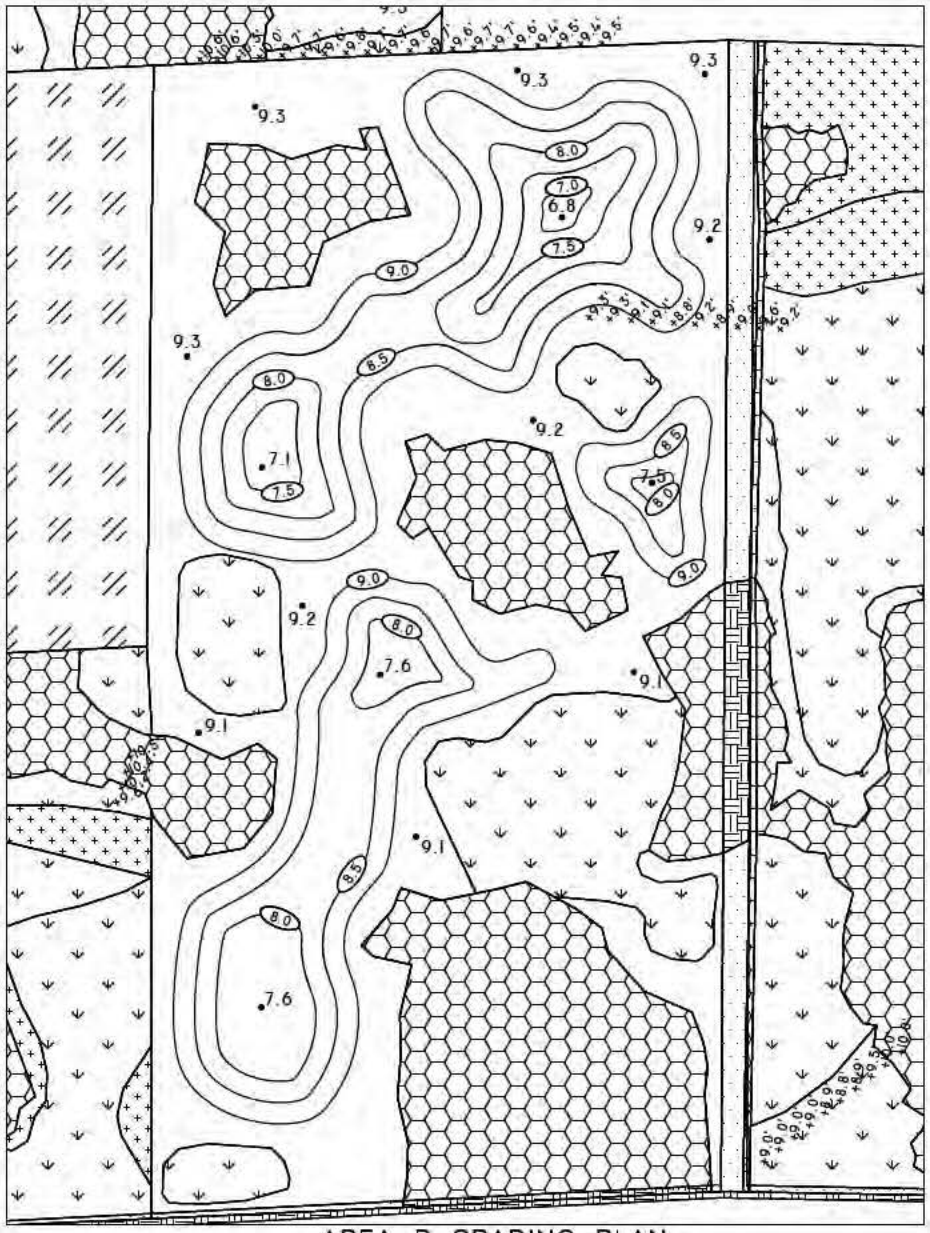
AREA A GRADING PLAN
N.T.S.



AREA A PLANTING PLAN
N.T.S.

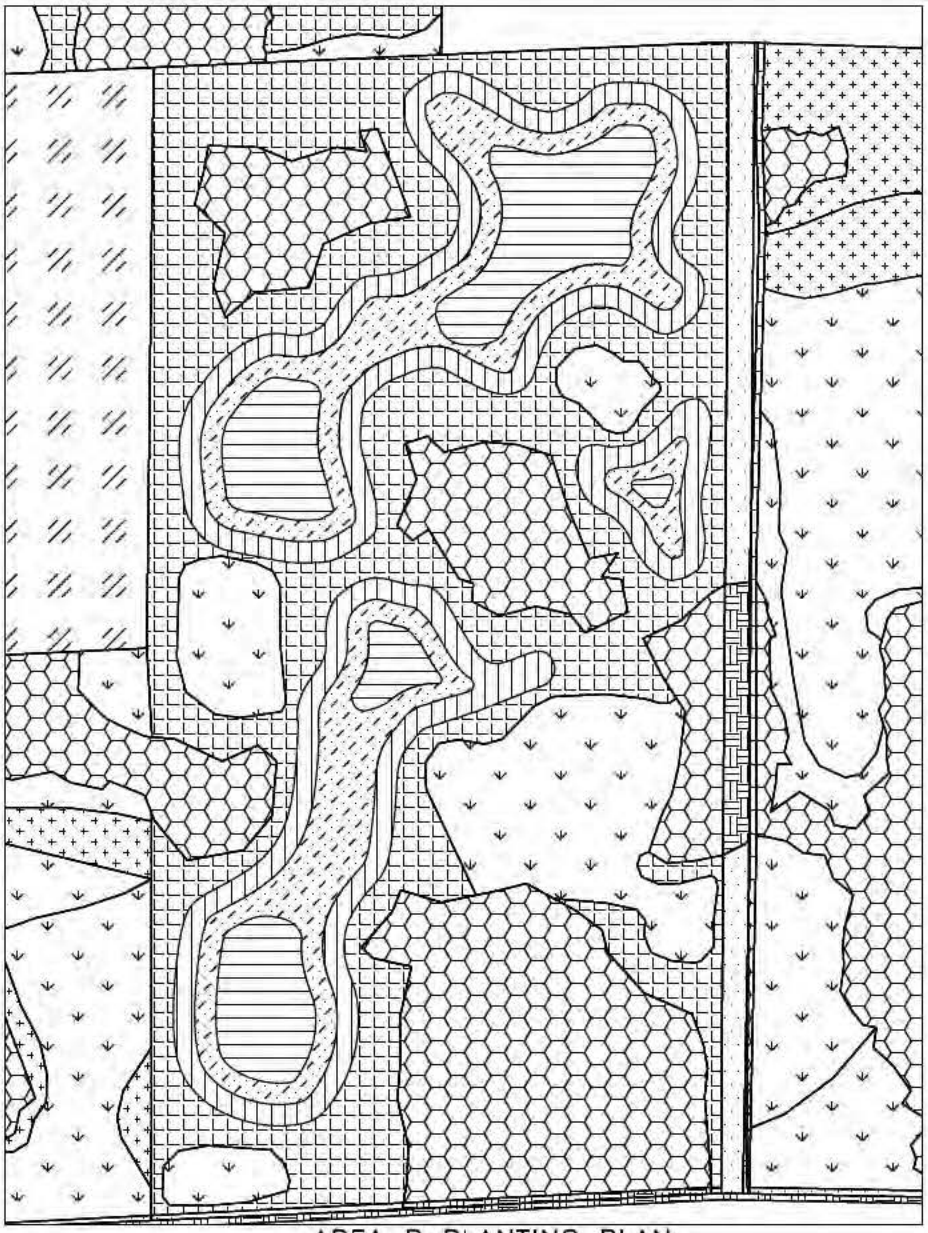
PROJECT NAME: HACIENDA LAKES	MITIGATION DETAILS - AREA A	
	DWG. NO. 01MTT737-60	SHEET: 60 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: W.C.	DATE: 3/29/10
	REVISIONS: 7/20/10, 5/2/11, 12/21/11	N.T.S.

J:\2010\01MT737\HACIENDA LAKES\20\ACOE PERMIT DRAWINGS\SHEET 59-61 MITIGATION DETAILS A AND B 12-5-12.DWG TAB: SHEET 60 MAR 14, 2013 - 2:50PM PLOTTED BY: DONE



AREA B GRADING PLAN

N.T.S.



AREA B PLANTING PLAN

N.T.S.

PROJECT NAME: HACIENDA LAKES	MITIGATION DETAILS - AREA B	
	DWG. NO. 01MTT737-61	SHEET: 61 OF 61
APPLICANT: HACIENDA LAKES OF NAPLES, LLC	DRAWN BY: W.C.	DATE: 3/29/10
	REVISIONS: 7/20/10, 5/2/11, 12/21/11	N.T.S.

J:\2001\01MTT737\HACIENDA LAKES\2011\COE PERMIT DRAWINGS\SHEET 33-61 MITIGATION DETAILS A AND B 12-5-12.DWG TAB: SHEET 61 MAR 14, 2012 - 2:31PM PLOTTED BY: DONB