



May 1, 2024

Mr. Jason Chockley
Community Development Department
Assistant Director
City of Cooper City
9090 SW 50th Place
Cooper City, FL 33328

RE: Griffin 106 Road Subdivision (Hanson Homestead LLC) – Wetland Approval Status

Dear Mr. Chockley,

This letter is intended to satisfy the requirements of Section 24-42(a)(22) of the City of Cooper City Code of Ordinances (the "Code"). Attached hereto please find the preliminary Wetlands Jurisdiction Determination from Broward County (the "JD").

As noted in the JD, and in Section 6-71(h) of the Code, permits from Broward County, South Florida Water Management District (SFWMD), and from the Florida Department of Environmental Protection (FDEP) are required prior to the City's issuance of a permit for filling of jurisdictional wetlands.

Permitting with SFWMD and Broward County is in process. The FDEP has already issued a "No Permit Required" (NPR) letter, which is attached for reference.

If you have any questions or require additional information, please contact me at (305) 448 - 0353 or by email at jwright@cchomes.com.

Sincerely,

CC HOMES AT COOPER CITY, LLC (on behalf of Hanson Homestead LLC)

A handwritten signature in blue ink, appearing to read "J. Wright".

Jimmy Wright, P.E.
Vice President, Land
CC Homes



Resilient Environment Department

ENVIRONMENTAL PERMITTING DIVISION

1 North University Drive, Mailbox 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

August 1, 2023

Hanson Homestead LLC
Attention J. Bill Hanson
5921 W. Broward Blvd.
Plantation, FL 33317
E-mail to owner: hanson.email@gmail.com

**Re: Wetland Jurisdictional Determination – NEWMANS SURVEY 2-26 D 30-50-41 TRACT 29
LESS PARTS DESC'D IN PARCEL 110 OF CA 02-1973 & SUBJECT TO PERPETUAL
EASEMENT DESC'D IN PARCEL 801
10550 GRIFFIN RD, Cooper City
Folio No. 504130010040
File No. WD2303-009**

Dear Applicant:

The referenced site, outlined in teal on the attached aerial photograph, was visited by the Broward County Resilient Environment Department (RED) on Monday, July 24, 2023. During that visit it was determined that the site **does contain County jurisdictional wetlands**. The approximate limits of these wetlands are indicated in hatching on the enclosed aerial photograph. If an exact line is desired, you may elect to arrange a joint site inspection with your surveyor present.

Based on the above determination, any construction which involves dredging or filling in the wetlands will require an **Environmental Resource License**. Additional construction activities such as excavation of a new lake or canal, regulated under Article XI of the Natural Resource Protection Code, may also require a license. Additionally, this letter does not constitute a waiver of review by the Development Management Division of the Urban Planning and Redevelopment Department prior to clearing and grubbing. The applicant is encouraged to contact RED at the earliest convenient time to discuss licensing requirements.

This determination was made according to the Natural Resource Protection Code definition of ***Regulated Aquatic and Wetland Resources*** and Section 27-334(e) which utilizes the State approved wetland delineation methodology outlined in chapter 62-340 F.A.C. and ratified by the State Legislature pursuant to Section 373.421 Florida Statutes. In the event of a conflict with a formal delineation conducted by the Florida Department of Environmental Protection or the South Florida Water Management District pursuant to 62-340 F.A.C. the determination of said Agency will be the controlling delineation. This determination is valid for a period of no more than two (2) years from the date of this letter. The issuance of this letter is a **final agency determination**. A person with a substantial interest may file a petition to request review of, or to intervene in a review of, a final

**NEWMANS SURVEY 2-26 D 30-50-41 TRACT 29 LESS PARTS DESC'D IN PARCEL 110 OF CA 02-1973 &
SUBJECT TO PERPETUAL EASEMENT DESC'D IN PARCEL 801
WD2303-009**

administrative determination, subject to the provisions of Section 27-14, Broward County Code of Ordinances.

Please be advised that this determination is specific to Broward County's Natural Resource Protection Code and is conducted pursuant to the State-approved delineation methodology. The identified wetland area may also be jurisdictional to other Federal and/or State regulatory agencies [i.e. US Army Corps of Engineers (USACOE), and South Florida Water Management District (SFWMD) or Florida Department of Environmental Protection (FDEP)] and additional approval[s] may be necessary. For more information you may contact the local regulatory office[s] for each entity via the contact information below:

USACOE via email at SAJ-RD-S@usace.army.mil or telephone at (561) 472-3504,
FDEP via email at Southeast.District@dep.state.fl.us or telephone at (561) 681-6600
SFWMD via email at mreins@sfwmd.gov or telephone at (561) 682-6736

Please feel free to contact me by e-mail at mdecker@broward.org or by phone at (954) 519-1205 if you have any questions.

Sincerely,

MICHELLE DECKER, M.S.

ENVIRONMENTAL PROJECT COORDINATOR

Resilient Environment Department

ENVIRONMENTAL PERMITTING DIVISION

Enc: Wetland Map
27-14 Variance and Administrative Review Procedures

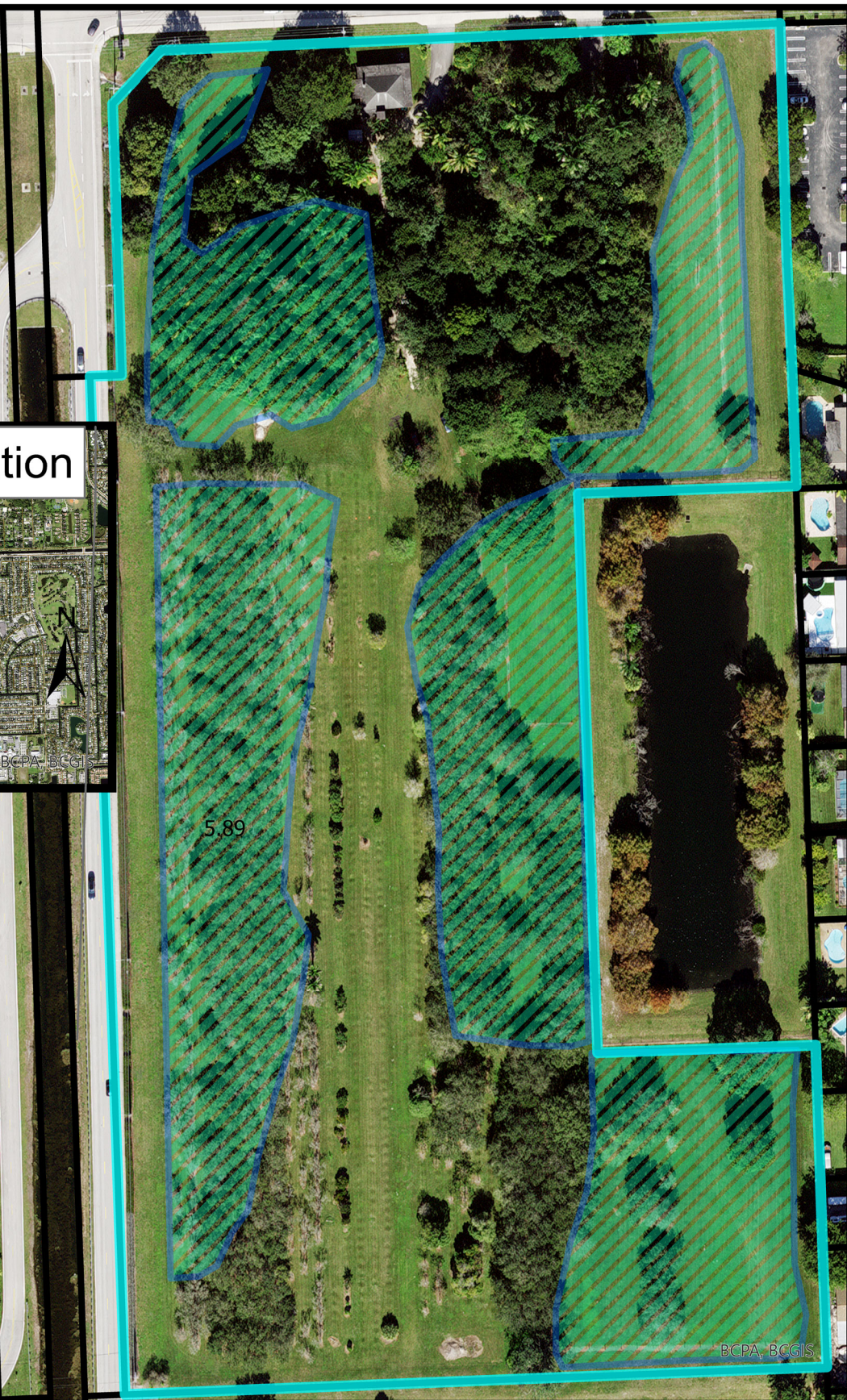
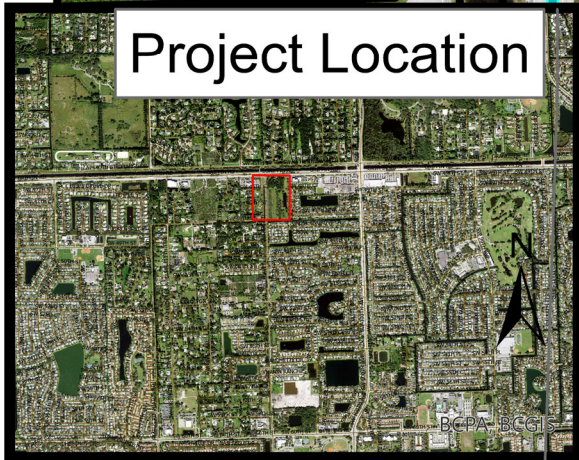
cc: Linda Sunderland (via e-mail)
Danielle Sattelberger, FDEP (via e-mail)
Morgan Reins, SFWMD (via e-mail)
Alisa Zarbo, USACOE (via e-mail)
Jim Goldasich, JJ Goldasich & Associates, Inc. (via e-mail)
Jimmy Wright, CC Homes (via e-mail)

Legend

AWR.Wetlands_noDER

PRESRVTYPE

Wetland area



NEWMANS SURVEY 2-26 D
30-50-41 TRACT 29
WD2303-009
Folio: 504130010040

0 40 80 160 Feet
Date: 8/1/2023
User Name: MDECKER

Sec. 27-14. Administrative review of EPGMD determinations.

- (a) A person with a substantial interest may file a petition to request review of or to intervene in a review of a final administrative determination made pursuant to this chapter concerning:
 - (1) The requirement that a facility or activity obtain a license or environmental review approval.
 - (2) Interpretations of license or environmental review approval conditions.
 - (3) Interpretations of variance conditions.
 - (4) The decision to suspend or revoke a license or environmental review approval.
 - (5) The requirement of certain license conditions.
 - (6) The issuance of a license or environmental review approval.
 - (7) The denial of a license or environmental review approval.
 - (8) The scope of a license or environmental review approval, geographic or otherwise.
 - (9) The scope of a variance, geographic or otherwise.
 - (10) The issuance of a stop work order.
 - (11) Similar final administrative determinations.

This administrative review procedure shall be the only means of review available for the above final administrative determinations by either the petitioner or the intervenor (the parties).

- (b) person may not obtain review by this procedure of:
 - (1) The issuance or adjudication of or other matters involving a notice of violation or a citation.
 - (2) Internal policy decisions
- (c) A person desiring a review of a staff determination made pursuant to this Chapter shall first bring the determination to the attention of the appropriate section supervisor to attempt to resolve the matter. If a resolution cannot be reached, then the decision shall be reviewed by successive supervisory levels until the issue is resolved or reaches the level of the director or his or her designee for the final determination.
- (d) A person desiring administrative review of a final determination made by the director or the designee shall file a petition with the director for review by the hearing examiner. The petition shall be filed within ten (10) days from the rendition of the action taken or of the decision made by the director. An entity whose license or approval is being challenged shall be a party to the action.
- (e) The review shall not be heard until the provisions of subsection (f) are met. Upon motion to the hearing examiner, an insufficient petition shall be dismissed with or without leave to refile. If a petition is determined to be insufficient by the hearing examiner and the petitioner has been given leave to refile by the hearing examiner, unless otherwise ordered by the hearing examiner, the petitioner must refile within ten (10) days of the rendition of the order of dismissal or the petition will be dismissed with prejudice.

- (f) A sufficient petition for review or petition for intervention in the review shall, at a minimum, contain the following information:
- (1) The nature of the determination sought to be reviewed.
 - (2) A short, plain statement of the facts which form the subject matter upon which the determination was made as asserted by all parties of record at the time that the petition is filed; a statement of the material facts in dispute, if any. If any party is unable to state the matters in sufficient detail at the time initial petition is filed, the petition may be limited to a statement of the issues involved; and thereafter, upon timely written motion, a more definite and detailed statement shall be furnished not less than seven (7) days prior to the date set for the hearing.
 - (3) The specific determination for which the review is sought.
 - (4) The specific legal grounds upon which the parties seek review of the determination.
 - (5) A short statement of the petitioner's or the intervenor's substantial interest in the matter to be reviewed.
 - (6) The specific section of this chapter on which the decision is based, if known, and the specific section that the parties allege should control the decision, if known.
 - (7) A copy of the director's or the designee's written final determination.
 - (8) A statement of the relief requested stating precisely the action that the petitioner wants EPGMD to take with respect to the final determination.
- (g) All pleadings or other documents filed in the proceeding must be signed by a party, the party's attorney, or the party's qualified representative. The signature of a party, the party's attorney or a party's qualified representative constitutes a certificate that he or she has read the pleading or other document and that to the best of his or her knowledge, information, and belief formed after reasonable inquiry, it is not brought for any improper purposes, such as to harass or to cause unnecessary delay or for frivolous purpose or needless increase in the cost of litigation. If a pleading or other document is signed in violation of these requirements, the hearing examiner, upon motion or his or her own initiative, shall dismiss the matter.
- (h) A petitioner or intervenor may request an emergency hearing to stay all activities or work conducted pursuant to the challenged license or approval. Such petitioner or intervenor has the burden of proof to show by a preponderance of the evidence that the continued activities would cause substantial pollution or degradation to the environment. An emergency hearing shall be scheduled by EPGMD and be held within five (5) days of said request or as soon thereafter as possible subject to the availability of the hearing examiner. The petitioner or intervenor shall comply with the notice provisions of section 27-14(j)(2)a. and c. and section 27-14(j)(3) and (4) of this chapter.
- (i) The petition for review will not stay environmental protection activities required for the remediation or mitigation of a site or facility, the protection of the environment or the health, safety and welfare of the citizens of Broward County, or the prevention of further environmental degradation. The person responsible for these activities must take all necessary steps to prevent environmental degradation and must conduct the remediation or mitigation activities required by this chapter. The director may allow these activities to be delayed until after the hearing examiner's decision by certifying to

the hearing examiner that, by reason of facts stated in the certificate, a delay in the initiation or completion of these activities would not cause substantial environmental degradation or peril to life or property. The delay for conducting these activities may be subject to appropriate terms to ensure protection of the environment. The person responsible for these activities shall be responsible for any environmental damage or any violation of this chapter caused by the delay.

(j) Notice and Scheduling Requirements:

- (1) The hearing on the review shall be scheduled within a reasonable time. It shall be the responsibility of the petitioner to request through EPGMD that the hearing date be scheduled. It shall also be the responsibility of the petitioner to give notice in accordance with this section at least ten (10) days prior to the hearing.
 - (2) The petitioner shall give notice of the hearing by:
 - a. Giving personal notice to all proper parties; and
 - b. Publishing notice on two (2) days in a newspaper of general circulation in the county; and
 - c. Posting notice at a location determined by the Broward County Administrator's Office.
 - (3) The petitioner shall bear the cost of giving notice.
 - (4) The notice shall contain, at a minimum:
 - a. A description and location of the facility or the activity to be conducted by the petitioner; and
 - b. The time and place of the hearing.
- (k) The petitioner shall bear the cost of accurately and completely preserving all testimony and providing full or partial transcripts to all parties.
- (l) The hearing shall be a quasi-judicial hearing.
- (1) The applicant/petitioner requesting the administrative review, any intervenor/petitioner and EPGMD shall have an opportunity to respond to and to present witnesses, other evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of facts and orders, and to be represented by counsel. Members of the general public who are not intervenors as set forth in Section 27-14 of this chapter are not parties to the proceeding.
 - (2) When appropriate, the general public may be given an opportunity to present oral or written communications. If the hearing examiner proposes to consider such material, then all parties shall be given an opportunity to cross-examine, challenge or rebut it.
- (m) Denial, protest of, revocation, or suspension of a license, environmental review approval, or any other approval:
- (1) In regard to denial or protest of approval of a license and any other review of an administrative decision, notwithstanding (2) below, the petitioner shall have the burden of showing, by a preponderance of the evidence, that the determination of the director was an arbitrary and/or capricious abuse of discretion, not supported by competent, substantial evidence or not in conformance with the

essential requirements of this chapter. The hearing examiner shall not substitute his or her judgment for that of EPGMD on an issue of discretion even though the hearing examiner may have reached a different conclusion based on the same facts.

- (2) In an action to revoke or suspend a valid license or approval, the burden shall be upon EPGMD to prove, by a preponderance of the evidence in an administrative hearing, the grounds for revocation or suspension. The license holder or approval recipient shall be provided notice of the hearing and a copy of the petition stating the grounds for revocation or suspension as provided in section 27-63 of this chapter. The petition shall state with specificity the acts complained of in order to allow the license holder or approval recipient an opportunity to prepare a defense. The hearing shall be conducted in accordance with the provisions of Section 27-37 of this chapter.
- (n) Findings of fact shall be based exclusively on the evidence of record and on matters officially recognized.
- (o) If the hearing examiner finds that the director or his or her designee has erroneously interpreted a provision and that a correct interpretation compels a particular action, he or she shall remand the case to the director or his or her designee for further action under a correct interpretation of the provision.
- (p) The hearing examiner shall complete and submit to the director and all parties a final order consisting of his or her findings of fact and conclusions of law.
- (q) A party to the hearing may obtain appellate review of the final order as provided by section 27-42 of this chapter.
- (r) A petitioner or intervenor shall pay a filing fee at the time the application for review is filed. The amount of the filing fee shall be set by resolution of the Board.

(Ord. No. 2003-34, § 1, 9-23-03; Ord. No. 2005-08, § 2.03, 4-26-05)
Secs. 27-15--27-19. Reserved.



FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

December 22, 2023

Hanson Homestead, LLC
5921 West Broward Blvd.
Plantation, FL 33317
Hanson.email@gmail.com

File Name: Hanson Nursery Parcel
File No: 06-0438648-001-NPR

To Whom It May Concern:

On August 7, 2023, we received your request for verification that a State 404 Program permit will not be required for the activity described below.

The proposed activity is to construct a residential housing subdivision at 10550 Griffin Road, Cooper City, Section 30, Township 50 South, Range 41 East, Broward County.

Based on a review of the information submitted and site inspection conducted by staff, the Department has verified that the activity, as proposed does not involve discharge of dredged or fill material into the waters of the United States and therefore, does not require a permit or other form of authorization under the State 404 Program, as described in Chapter 62-331, Florida Administrative Code (F.A.C.).

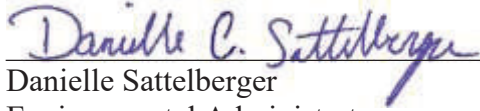
This verification reflects current regulations and is only valid for a period of no longer than five years from the date of this letter unless new information warrants a revision of this verification before the expiration date.

Please retain this letter. The activities described above may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to enforcement action and possible penalties.

This letter does not relieve you from the responsibility of obtaining other federal, state (including ERP), or local authorizations that maybe required for this activity.

If you have any questions regarding this letter or permitting requirements, please contact Amelia Meckelborg by telephone at 561-681-6625 or by e-mail at Amelia.Meckelborg@FloridaDEP.gov.

Sincerely,

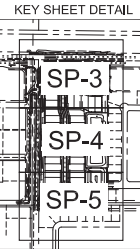
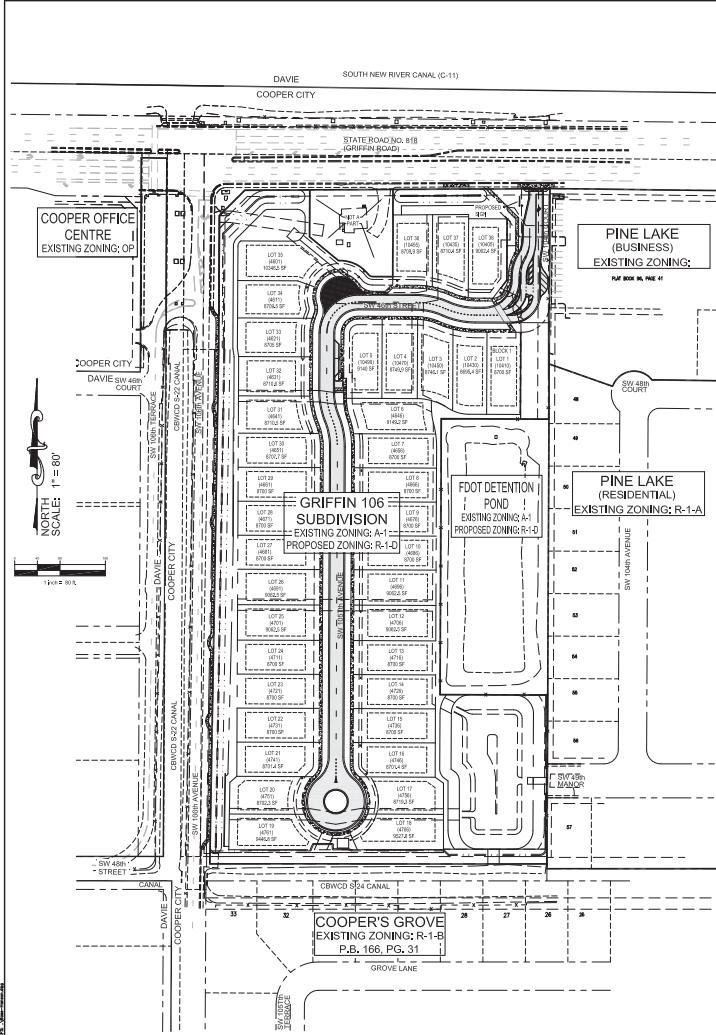
A handwritten signature in blue ink, reading "Danielle C. Sattelberger", is written over a horizontal line.

Danielle Sattelberger
Environmental Administrator
Southeast District

Enclosures:

Project drawings, **33** pages
Wotus Information Form (with supporting information) **8** pages
62-340, F.A.C., Data form, **13** pages
Site photo log, **7** pages

CC: Jim Goldasich, J.J. Goldasich and Associates, Inc., jjg@jgoldasich.com



OVERALL SITE DATA TABLE	
FUTURE LAND USE DESIGNATION (COOPER CITY)	ESTATE (104ACRES)
FUTURE LAND USE DESIGNATION (BROWARD COUNTY)	ESTATE (1) RESIDENTIAL
GROSS SITE AREA (PER B.C.P.C. DETERMINATION ADDD 604)	20.00 ACRES
NUMBER OF UNITS ALLOWED BY LAND USE DESIGNATION	20 UNITS
PROPOSED FLEX UNIT ALLOCATION	10 UNITS
PROPOSED NUMBER OF DWELLING UNITS	30 UNITS
GRiffin 106 SUBDIVISION	30 UNITS
10000 GRIFIN ROAD, EXISTING TO REMAIN	2 UNITS
GROSS DENSITY	1.875 UNITS/ACRE

SITE DATA 10000 GRIFIN ROAD (EXISTING HOME TO REMAIN)	
CURRENT ZONING DESIGNATION	A-1 AGRICULTURAL ESTATE
PROPOSED ZONING DESIGNATION	R-1-D SINGLE FAMILY
GROSS SITE AREA	0.88 ACRES
NET SITE AREA	0.45 ACRES

ZONING CRITERIA (SEC. 23-34)	
	REQUIRED
MINIMUM LOT AREA (SQUARE FEET)	6000
MINIMUM LOT WIDTH (FEET)	60
MINIMUM LOT DEPTH (FEET)	100
MINIMUM YARDS (FEET)	
FRONT	25
STREET SIDE	15
INTERIOR SIDE	7.5
REAR	15
MINIMUM FLOOR AREA (S.F./UNIT)	1,200
MAXIMUM BUILDING COVERAGE (%)	33
MAXIMUM HEIGHT	30
FEET	2
STORIES	1
LANDSCAPE CRITERIA (SEC. 25-47)	
MAXIMUM IMPERVIOUS COVER (%)	55
OFF-STREET PARKING CRITERIA (SEC. 25-4)	
MINIMUM NUMBER OF PARKING SPACES	3

SITE DATA GRIFIN 106 SUBDIVISION	
CURRENT ZONING DESIGNATION	A-1 AGRICULTURAL ESTATE
PROPOSED ZONING DESIGNATION	R-1-D SINGLE FAMILY
GROSS SITE AREA	19.94 ACRES
NET SITE AREA	14.37 ACRES

ZONING CRITERIA (SEC. 23-34)	
	REQUIRED
MINIMUM LOT AREA (SQUARE FEET)	6000
MINIMUM LOT WIDTH (FEET)	60
MINIMUM LOT DEPTH (FEET)	100
MINIMUM YARDS (FEET)	
FRONT	25
STREET SIDE	15
INTERIOR SIDE	7.5
REAR	15
MINIMUM FLOOR AREA (S.F./UNIT)	1,200
MAXIMUM BUILDING COVERAGE (%)	33
MAXIMUM HEIGHT	30
FEET	2
STORIES	1
LANDSCAPE CRITERIA (SEC. 25-47)	
MAXIMUM IMPERVIOUS COVER (%)	55
OFF-STREET PARKING CRITERIA (SEC. 25-4)	
MINIMUM NUMBER OF PARKING SPACES	114 (30/UNIT) 155 (30/UNIT + 3 GUEST)



PROJECT NUMBER
06-438648-001-APPR
Southwest District

DATE
10/20/2023

SCALE
AS NOTED

PROJECT
GRIFIN 106 SUBDIVISION

CLIENT
CC HOMES AT COOPER CITY, LLC

DESIGNED BY
ANDREW W. ADAMS

DATE
10/20/23

PROJECT
P.B. 166, PG. 31

SHEET
SP-2 OF 6 SHEETS

Information Required for a WOTUS Determination in State-assumed Waters

~13.8 Acre Parcel

Cooper City, Broward County, FL

PCN #s: 504030010040

Lat/Long: 26.062160° ; -80.287319° (Approximate Center of Project)

Section 30, Township 50S, Range 41E

I. General Information

The following information is required if an applicant is requesting that the Department perform a Waters of the United States (WOTUS) jurisdictional determination pursuant to the Navigable Waters Protection Rule (40 C.F.R. 120) during review of a State 404 Program permit application, a Formal Determination under Chapter 62-340, F.A.C., or a request for verification that no permit is required under the State 404 Program. This form is provided as a service to applicants and petitioners. Use of the form may assist efficient review.

II. Findings

A. Summary

Check all that apply. At least one box from the following list **MUST** be selected. Complete the corresponding sections/tables and summarize data sources.

- ☐ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area).

Rationale: (N/A or describe rationale)

There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.B).

- ☒ **There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.C)**

B. Clean Water Act Section 404 Jurisdiction (40 C.F.R. 120)

Please expand tables or use additional sheets as needed. Include measurement units in size column (acres, linear feet, etc.).

Traditional Navigable Waters ((1)(i) waters)

(1)(i) Name	(1)(i) Size	(1)(i) Criteria	Rationale for (1)(i) Determination

--	--	--	--

Note: All Territorial Seas and any Traditional Navigable Water listed in Appendix B of the 404 Handbook (Retained Waters List) are not assumable under the State 404 Program. If your project site contains or borders one of these waters and you are proposing or plan to propose dredge or fill activities within 300 feet of the mean high tide line or ordinary high water mark, please apply to the US Army Corps of Engineers for a permit or jurisdictional determination under Section 404 of the Clean Water Act.

Tributaries ((1)(ii) waters)

(1)(ii) Name	(1)(ii) Size	(1)(ii) Criteria	Rationale for (1)(ii) Determination

Lakes and ponds, and impoundments of jurisdictional waters ((1)(iii) waters)

(1)(iii) Name	(1)(iii) Size	(1)(iii) Criteria	Rationale for (1)(iii) Determination

Adjacent wetlands ((1)(iv) waters)

(1)(iv) Name	(1)(iv) Size	(1)(iv) Criteria	Rationale for (1)(iv) Determination

C. Excluded Waters or Features

Excluded waters ((2)(i) – (2)(xii))

Name	Size	(2) Exclusion	Rationale for Exclusion Determination
W-1, W-2, and W-3	~1.3 acres	(b)(1) Non-jurisdictional wetlands and surface waters	The wetlands do not meet the definition of an (a)(4) adjacent wetland. Based on wetland site assessments, NRCS soils map, USGS Topo, current aerial map, and historical aerials the wetlands are all surrounded by uplands. A berm and/or stormwater management

			structures are located between the wetland and the drainage canal. The excavated ditch was excavated in the uplands to convey stormwater. As wetlands are surrounded by uplands, they are excluded wetlands. They are not adjacent to an (a)(1)-(a)(3) water and do not meet any components of the definition of an (a)(4) adjacent wetland, therefore, they are not jurisdictional. The wetlands are isolated by reason of stormwater structures, natural uplands, and upland berms (see aeriels)

III. Supporting Information

A. Resources Used

Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

- ☐ Information submitted by, or on behalf of, the applicant/consultant (Title(s) and date(s)):
- ☐ Current 62-340, F.A.C. delineation: **Aerial with wetland JD overlaid.**
- ☐ Aerial photographs: **Current and historic aerial photographs included.**
- ☐ Other photographs:
- ☐ Previous WOTUS jurisdictional determinations (Corps PJD or AJD/Department WOTUS determination):
- ☐ Previous or current 62-340, F.A.C. formal jurisdictional determination:
- ☐ Antecedent Precipitation Tool (provide detailed discussion in Section III.B.):
- ☐ USDA NRCS Soil Survey (Title(s) and/or date(s)): **Soil survey attached 2020 map date.**
- ☐ USFWS NWI maps (Title(s) and/or date(s)): **NWI Map attached 2020 mapping date.**

-
- ☐ USGS topographic maps (Title(s) and/or date(s)): **Topographic map attached 2020 mapping date.**

Other data sources used to aid in this determination:

Data source	Name and/or date and other relevant information
USGS Sources	USGS TOPO Map from Florida Map Direct, ESRI
USDA Sources	Soil Map 2023
NOAA Sources	N/A
USACE Sources	N/A
State/Local/Tribal Sources	SFWMD LiDAR Map
Other Sources	N/A

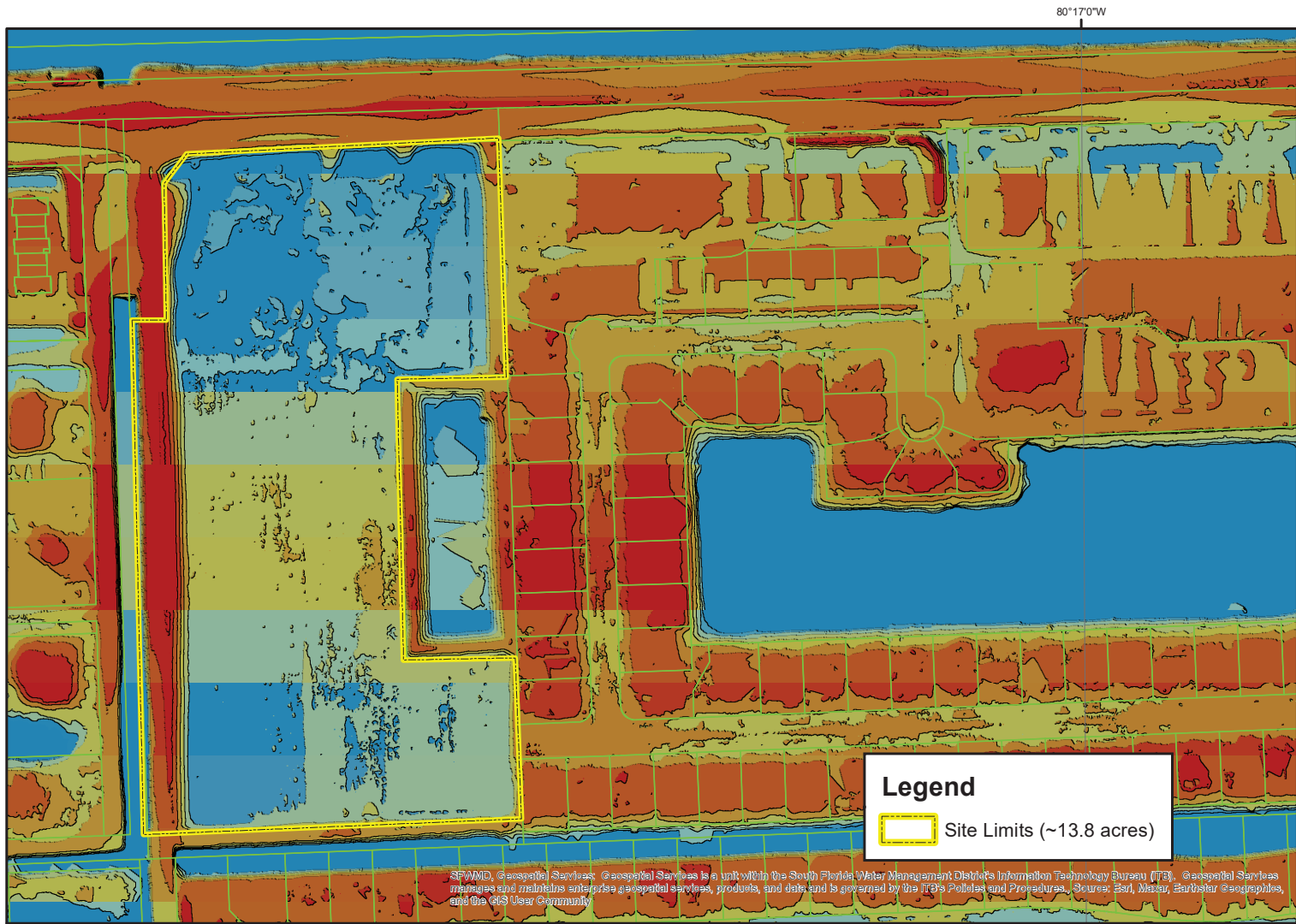
B. Typical Year Assessments

N/A or provide typical year assessment for each relevant data source used to support the determination: N/A.


C. Additional comments to support the WOTUS jurisdictional determination.

N/A or provide additional discussion as appropriate: N/A.

Document Path: F:\My Documents\CC Homes\Hanson Homestead\Aerial with Wetlands-GIS Covers.mxd



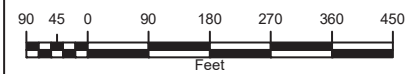
Legend

 Site Limits (~13.8 acres)

SPWMD, Geospatial Services: Geospatial Services is a unit within the South Florida Water Management District's Information Technology Bureau (ITB). Geospatial Services manages and maintains enterprise geospatial services, products, and data and is governed by the ITB's Policies and Procedures. Sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community

www.GoldasichEnvironmental.com

Initial Date: 12/20/2022 Current Revision Date: 6/12/2023



J. J. Goldasich and Associates, Incorporated

Ecological Services
Natural System Analysis
DESIGN/PERMIT-BUILD-MAINTAIN



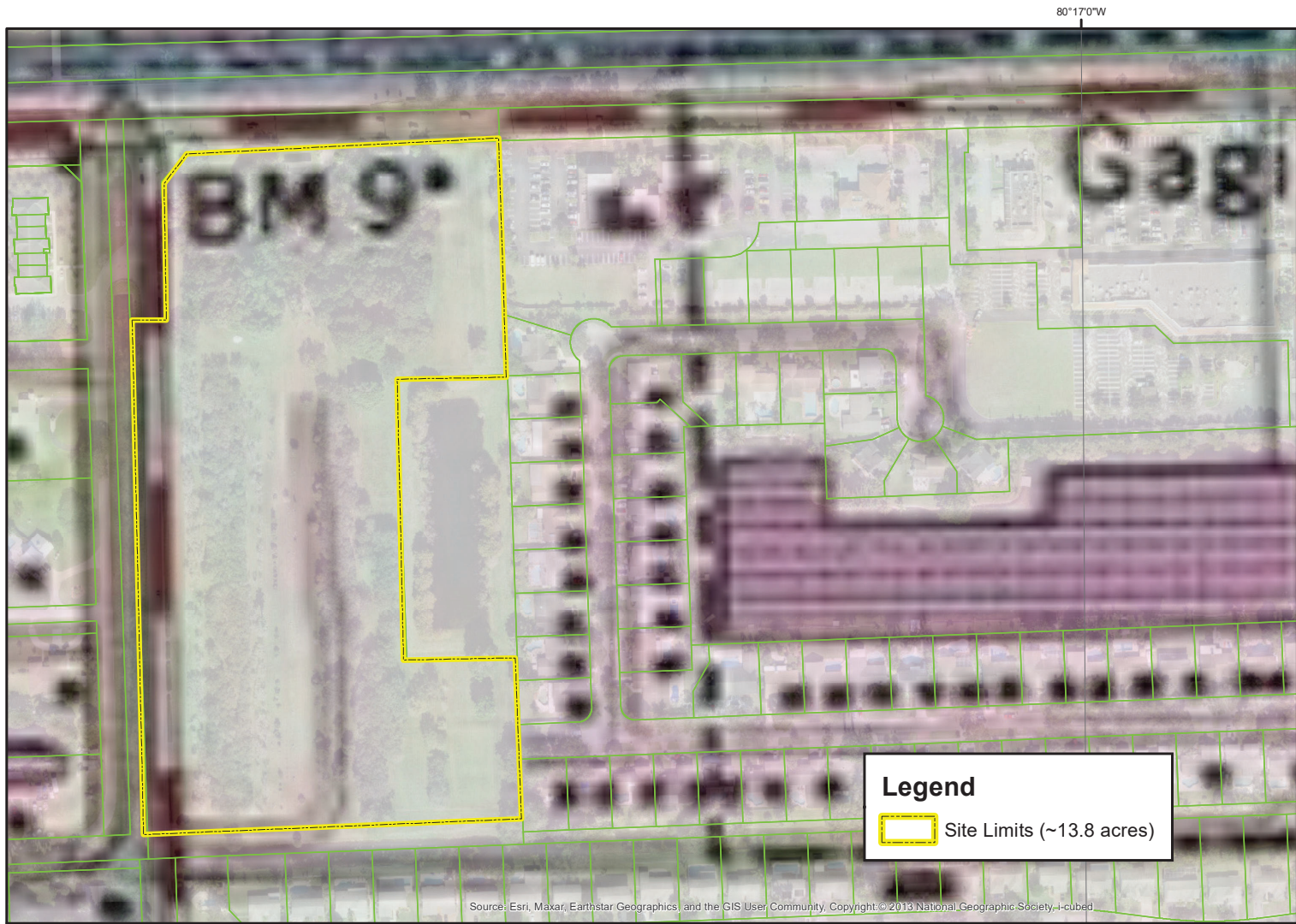
(561) 883-9555
jjg@jgoldasich.com
Seagrass to Sawgrass

CC Homes

Hanson Homestead, LLC Site
Wetlands and Surface Waters Map
Davie, Broward County, Florida

**LiDAR
Map**

Document Path: F:\My Documents\CC Homes\Hanson Homestead\Aerial with Wetlands-GIS Covers.mxd



www.GoldasichEnvironmental.com

Initial Date: 12/20/2022		Current Revision Date: 6/12/2023		J. J. Goldasich and Associates, Incorporated		CC Homes				Aerial with USGS TOPO Map	
						Hanson Homestead, LLC Site					
Ecological Services				(561) 883-9555		Wetlands and Surface Waters Map					
Natural System Analysis				jjg@jgoldasich.com		Davie, Broward County, Florida					
DESIGN/PERMIT-BUILD-MAINTAIN				Seagrass to Sawgrass							

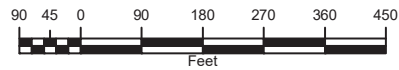
©All Rights Reserved; J. J. Goldasich and Associates, Incorporated 1993-2022

Document Path: F:\My Documents\CC Homes\Hanson Homestead\Aerial with Wetlands-GIS Covers.mxd



www.GoldasichEnvironmental.com

Initial Date: 12/20/2022 Current Revision Date: 6/12/2023



J. J. Goldasich and Associates, Incorporated

Ecological Services
Natural System Analysis
DESIGN/PERMIT-BUILD-MAINTAIN



(561) 883-9555
jjg@jjgoldasich.com
Seagrass to Sawgrass

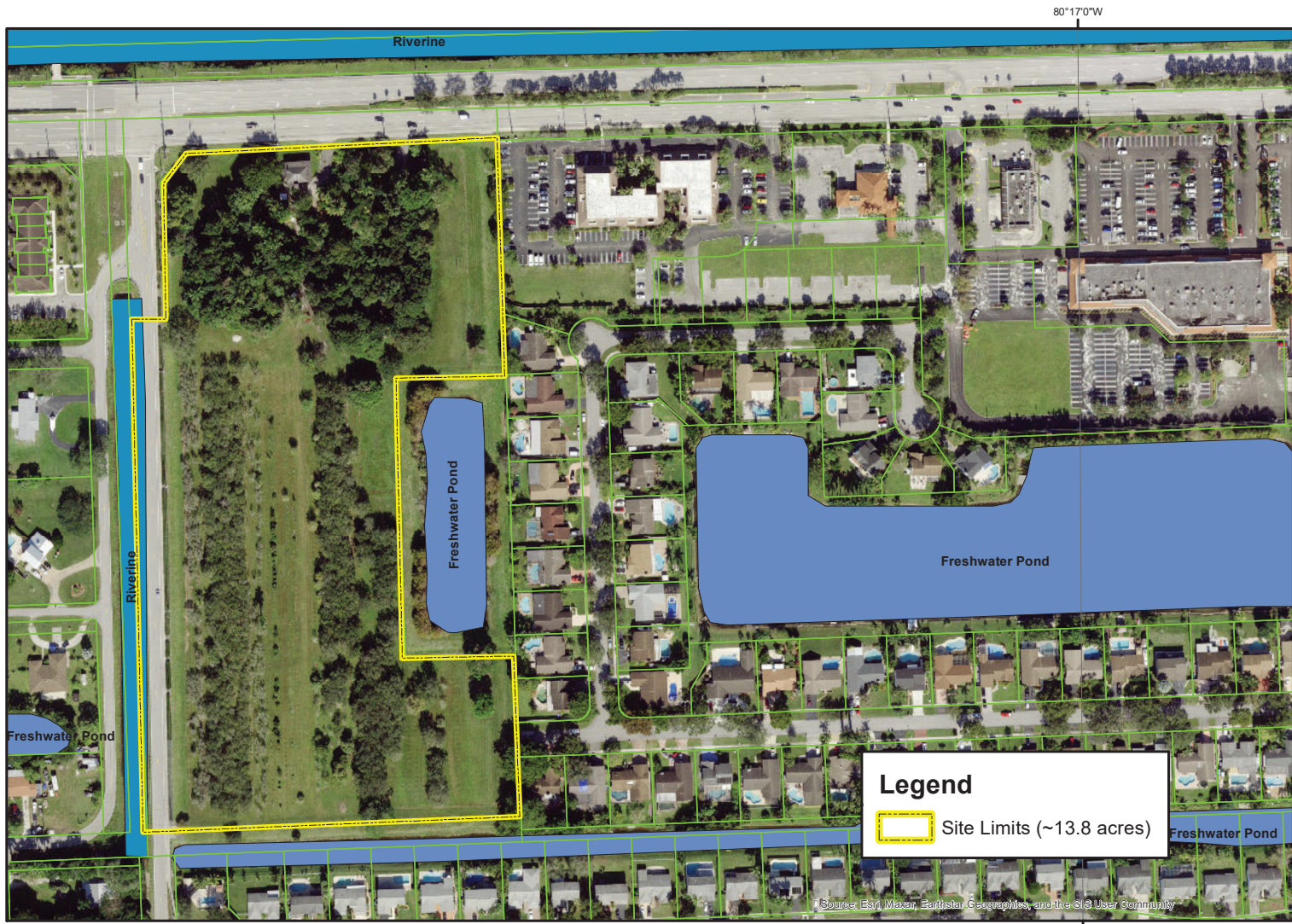
CC Homes

Hanson Homestead, LLC Site
Wetlands and Surface Waters Map
Davie, Broward County, Florida

Aerial
with
NRCS
Soil
Map

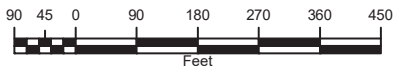
©All Rights Reserved; J. J. Goldasich and Associates, Incorporated 1993-2022

Document Path: F:\My Documents\CC Homes\Hanson Homestead\Aerial with Wetlands-GIS Covers.mxd



www.GoldasichEnvironmental.com

Initial Date: 12/20/2022 Current Revision Date: 6/12/2023



J. J. Goldasich and Associates, Incorporated

Ecological Services
Natural System Analysis
DESIGN/PERMIT-BUILD-MAINTAIN



(561) 883-9555
jjg@jgoldasich.com
Seagrass to Sawgrass

CC Homes

Hanson Homestead, LLC Site
Wetlands and Surface Waters Map
Davie, Broward County, Florida

Aerial
with
National
Wetlands
Inventory

©All Rights Reserved; J. J. Goldasich and Associates, Incorporated 1993-2022

State 404 Program

Department Certified Wetland Evaluator Work Product Cover Sheet

The attached files were reviewed/created and approved by the Certified Wetland Evaluator(s) (CWEs) employed by the Florida Department of Environmental Protection as indicated below.

State 404 File Number: 438648 WMD/DLG ERP/FD File Number: _____

Date(s) of Site Inspection: November 30, 2023

Purpose of Site Inspection: Upland Identification

Evaluation Documentation Includes (check all that apply):

☒ 62-340, F.A.C. Data Forms: 13 pages

☐ Functional assessment forms: _____ pages

☐ UMAM

☐ WRAP

☐ WATER

☐ Other _____

☒ Site photos: 7 pages


☒ State 404 Program WOTUS Information Form: 8 pages

☐ Other WOTUS-related documentation: _____ pages

Description: The onsite wetlands are severed from any potential connections by Griffin Road to the north, SW 106th Avenue to the west, residential development to the east, and an upland berm that was verified in the field to the south. As the wetlands are isolated, they are not jurisdictional.

By signing below, the DEP CWE(s) affirm that the attached documentation was completed in accordance with the following laws and rules as applicable: Chapters 62-330, 62-331, 62-340, and 62-345, F.A.C., and 40 C.F.R. 120, and contain true and accurate information that reflects the site conditions at the time of the inspection.

Lead DEP CWE Name (legible): Amelia Meckelborg

Signature: 

Date Approved: 12/05/2023

DEP CWE Name (legible): _____

Signature: _____

Date Approved: _____

DEP CWE Name (legible): _____

Signature: _____



§ denotes the Rule, subsection, paragraph, or subparagraph referenced from Ch. 62-340, F.A.C.

FDEP SLERC
August 2019

Chapter 62-340, F.A.C. Data Form

1. Date: November 30, 2023 2. Staff Present: Amelia Meckelborg, David White, Antonella Rocco 3. Form recorder(s): Amelia Meckelborg

4. County: Broward (6) 5. Site Name: Hanson Tracking #: 438648
6. Point ID: 1 GPS Coordinates: 26.060557°N 80.287335°W

7. Distances and bearings from fixed objects (if no GPS):

8. Current condition of described point: ☒ Authorized or legal condition ☐ Unauthorized or illegal condition

9. Work type: ☒ Identification ☐ Delineation

Point status: ☐ Wetland ☐ Non-Wetland Surface Water ☒ Upland

10. Vegetative Stratum §62-340.400: Using §62-340.400, F.A.C. with reasonable scientific judgment, select the appropriate vegetative stratum. (Do not include FAC species when determining 10% minimum areal extent.)

☐ Canopy (Min. 10% areal extent) ☐ Subcanopy (Min. 10% areal extent) ☒ Groundcover (No min. areal extent)

☐ Vegetation Absent (*skip to #14*) ☐ Evaluation Impossible (*skip to #14*) **Why?**

11. Plant List §62-340.200(2),(6),(16), §62-340.400, §62-340.450, F.A.C.:

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

Areal extent estimator: Amelia Meckelborg

Select and identify plants in an area just large enough to represent and classify the plant community at the described point. Do not extend into different communities or hydrologic conditions.

1. Record the scientific name (binomial) and status of each plant species necessary to identify/delineate and classify the plant community in the selected area.

2. Record the percent areal extent in the canopy, subcanopy, and groundcover columns for each species.

3. For each species present in the **stratum selected in #10**, transfer the numbers from only that stratum's column into the appropriate status columns.

#	Binomial of Observed Species	Status	Canopy	Subcanopy	Groundcover	Upland	Facultative	Fac. Wet	Obligate
1.	Richardia brasiliensis	U			55	55	0	0	0
2.	Spermacoce assurgens	U			35	35	0	0	0
3.	Cynodon dactylon	U			60	60	0	0	0
4.	Digitaria ischaemum	U			5	0	0	0	0
5.	Bidens pilosa	F			5	0	5	0	0
Percent areal extent totals for the stratum selected in question 10						150	5	0	0

12. In the stratum selected in #10: What is the % areal extent of Obligate plants? 0

What is the % areal extent of Upland plants? 150

Is the areal extent of Obligate plants greater than that of Upland plants? ☐ Yes ☒ No

13. In the stratum selected in #10: What is the total % areal extent of Obligate & Facultative Wet plants combined? 0

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 150

What is the percentage of OBL + FACW in relation to all plants, excluding FAC? $\frac{OBL+FACW}{OBL+FACW+UPL}$ 0%

Point ID/Location: <u>438648 1</u>					Soil describer: <u>Amelia Meckelborg</u>
14. LRR/MLRA <u>U</u>		Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl			
15. Is a soil profile evaluation possible? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, why? (If No, skip to #18)					
16. Soil Description: <i>As is under current conditions, without considering RSJ¹ or the legality of any alterations</i> Soil surface, or 0 inch depth for purposes of Chapter 62-340, F.A.C. is the muck or mineral surface (whether natural or fill)					
Horizon	beginning to ending Depth (inches)	Matrix Texture	moist condition Matrix Hue Value/ Chroma	for sandy matrix horizons w/ value ≤ 3: % Organic Coating	- Describe soil features: DA (areas darker than matrix), LA (areas lighter than matrix), - RC (redox concentrations): Record in moist condition hue value/chroma ; % volume in horizon ; boundaries (sharp/clear/diffuse); shape (rounded/linear/angular). - OB (organic bodies): Record texture (muck or mucky mineral), % volume in horizon . - H₂S (hydrogen sulfide odor): Indicate shallowest depth where detected - Note if horizon is Physically Mixed (PM) , Nonsoil (any material not listed in "Textures" above), or Fill and describe.
1	0 - 5	Sand	10YR 3/2	60	LA: 10YR 5/1, 45%, diffuse/linear
2	5 - 9.5	Sand	10YR 5/3		LA: 10YR 7/3, 15%, clear/round DA: 10YR 3/2, 2%, clear/round
3	8 - 9.5	Sand	10YR 3/2	55	LA: 10YR 6/4, 5%, diffuse/round
17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths					
#	Indicator Present		Begin Depth		End Depth
1					
* = Stand-alone D Test - both hydric soil and hydrologic indicator			To combine layers/indicators to meet thickness requirements, see NRCS Hydric Soils Technical Note 4.		
18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface? <input checked="" type="checkbox"/> Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) <input type="checkbox"/> No <input type="checkbox"/> Soil profile or site inaccessible					
19. Is one or more hydric soil field indicators present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Inconclusive (e.g., evaluation to 12+ inches impeded by disturbance, water, nonsoil, no site access, etc.) If no or inconclusive, is the soil hydric as determined by other NRCS methods? <input type="checkbox"/> Yes ← Which method(s)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Inconclusive ← Why?					
20. Is the depth of the soil profile 20 inches or greater from the soil surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, depth of soil profile is: <u>9.5</u> inches Why? <u>Rocks in soil</u> (e.g., root refusal, nonsoil, water table, loose sand, heavy texture, compaction, weather conditions, inspection interrupted)					
21. Observed height or depth of standing water from soil surface: inches <input type="checkbox"/> Above <input type="checkbox"/> Below <input checked="" type="checkbox"/> Not Observed					

Hydrologic Indicators per §62-340.500, F.A.C. (and as applied to §62-340.600, F.A.C.)	Present at or near point	Predicted during normal high water or wet season	Within 100 ft waterward of point (not for upland points)	1. Describe the type of all checked indicators. 2. Approximate the distance and compass direction of indicators within 100 ft of the point. 3. For water level indicators (potential indicators denoted by *) note the height from ground surface at the point as well as waterward (with distance from point). Only for indicators not present due to dry season/drought

23. Is one or more hydrologic indicator(s) listed in §62-340.500, F.A.C. present or predicted with normal high water or wet season conditions at the described point? ☐ Yes ☒ No ☐ Evaluation Impossible ← Why?

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

a) Has a wetland boundary been delineated at the described point? ☐ Yes ☒ No (If No, skip to #25)

b) If yes to 24a, can the boundary be easily delineated using the definition of wetlands? ☐ Yes ☐ No

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

- a) Is the areal extent of Obligate plants in the stratum selected in #10 greater than the areal extent of all Upland plants in that stratum? (See #12) ☐ Yes ☒ No ☐ Vegetation Absent (*skip to §25f*) ☐ Evaluation Impossible (*skip to #26a*)
- b) Is the areal extent of Obligate and/or Facultative Wet plants in the stratum selected in #10 equal to or greater than 80% of all the plants in that stratum, excluding Facultative plants? (See #13) ☐ Yes ☒ No
- c) Is the soil hydric as identified using standard NRCS definitions and practices? (see #19)
☐ Yes ☒ No ☐ Indeterminable with current conditions ← Why?
- d) Is the substrate composed of riverwash, nonsoil (see #18), rock outcrop-soil complex, or is the substrate located within an artificially created wetland area? ☒ Yes ☐ No If yes, which condition is present? Rocky fill
- e) Is one or more of the hydrologic indicators in §62-340.500, F.A.C. present at the described point? (See #23) ☐ Yes ☒ No
- f) Are the A Test criteria met per §62-340.300(2)(a), F.A.C. at the described point? ☐ Yes ☒ No
(Note: If yes to 25a and yes to either 25c, 25d, or 25e, A Test criteria are met)
- g) Are the B Test criteria met per §62-340.300(2)(b), F.A.C. at the described point? ☐ Yes ☒ No
(Note: If yes to 25b and yes to either 25c, 25d, or 25e, B Test criteria are met)
- h) Are there any **alterations or conditions** affecting reliable application of the A or B Test such that the Altered Sites Test is more appropriate? ☒ Yes ☐ No

26. C Test Wetland Criteria §62-340.300(2)(c), F.A.C.**As is under current conditions, without considering RSJ¹ or the legality of any alterations:**

- a) Per §62-340.300(2)(c), F.A.C. is the described point Pine Flatwoods or Improved Pasture, or does it have drained soils? ☐ Yes ☒ No **If yes, select which of the following are met, then skip to #26d**

☐ Pine Flatwoods ☐ Improved Pasture ☐ Drained Soils

Pine Flatwoods must have flat terrain, a monotypic or mixed canopy of long leaf pine or slash pine, and a ground cover dominated by saw palmetto with other species that are NOT obligate or facultative wet. **Improved Pasture** means areas where the dominant native plant community has been replaced with planted or natural recruitment of herbaceous species which are NOT obligate or facultative wet species and which have been actively maintained for livestock through mechanical means or grazing.

Drained Soils are those in which permanent alterations, excluding mechanical pumping, preclude the formation of hydric soils.

- b) Are the soils at the described point saline sands (salt flats-tidal flats), **or** have they been **field verified** by NRCS's Keys to Soil Taxonomy (4th ed. 1990) as Umbraqualls, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquolls? ☐ Yes ☐ No
- c) Do the soils at the described point have a NRCS hydric soil field indicator (see #17), **and** is the point located within a map unit named or designated by the NRCS as frequently flooded, depressional, or water? Map Unit: ☐ Yes ☒ No ☐ Inconclusive ← Why? (skip to #27a)
- d) Are the C Test criteria met per §62-340.300(2)(c), F.A.C. at the described point? ☐ Yes ☒ No (Note: If no to 26a and yes to either 26b or 26c, C Test criteria are met)
- e) Are there any **alterations or conditions** affecting reliable application of the C Test such that the Altered Sites Test is more appropriate? ☐ Yes ☒ No

27. D Test Wetland Criteria §62-340.300(2)(d), F.A.C.**As is under current conditions, without considering RSJ¹ or the legality of any alterations:**

- a) Is the soil hydric as verified by a NRCS hydric soil field indicator? (See #17) ☐ Yes ☒ No (skip to #27d) ☐ Inconclusive ← Why? (skip to #28)
- b) Does any NRCS hydric soil field indicator begin **at the soil surface or** are any of the following indicators present: A1, A2, A3, A4, A5, A7, A8, A9, S4, F2? ☐ Yes ☐ No (If yes, then hydrologic indicator §62-340.500(8) or (11) is met)
- c) Is one or more of the hydrologic indicators in §62-340.500, F.A.C. present at the described point? (See #23) ☐ Yes ☐ No
- d) Are the D Test criteria met per §62-340.300(2)(d), F.A.C. at the described point? ☐ Yes ☒ No (Note: If yes to 27a and yes to either 27b or 27c, D Test criteria may be met)
- e) Are there any **alterations or conditions** affecting reliable application of the D Test such that the Altered Sites Test is more appropriate? ☒ Yes ☐ No

28. Altered Sites Tests §62-340.300(3), F.A.C. (Legal/Authorized or Illegal/Unauthorized)

For purposes of Chapter 62-340, F.A.C. **altered** refers to any natural or man-induced condition(s) which **masks or eliminates reliable expression** of wetland indicators (i.e. hydrophytic vegetation, hydric soils, and hydrologic indicators). **Unaltered or normal does not require a natural condition**, only an expression of wetland indicators that is sufficient to **reliably** identify or delineate the wetland using the criteria in §62-340.300, F.A.C.

Are alterations affecting normal wetland condition? ☒ Yes ☐ No (skip to #32) ☐ Evaluation Impossible (skip to #32)

29. Authorized or Legally Altered Vegetation and Soils Test Criteria §62-340.300(3)(a), F.A.C.

- a) Are there **authorized or legal** alterations affecting reliable expression of vegetation at the described point? ☒ Yes ☐ No If yes, how? Berm with fill
- b) Are there **authorized or legal** alterations affecting reliable soil evaluation at the described point? ☒ Yes ☐ No If yes, how? Berm with fill (If no to both 29a and 29b, skip to #30)
- c) If yes to 29a or 29b, which criteria tests are affected by the legal alterations? ☒ A Test ☒ B Test ☐ C Test ☒ D Test
- d) Using the most reliable available information and reasonable scientific judgment, would the types of evidence and characteristics contemplated in §62-340.300, F.A.C. identify or delineate the described point as a wetland with cessation of the legal altering activities? ☐ Yes ☒ No If no, why? Lack of sufficient hydrology, elevation (If no, skip to #30)
- e) If yes to 29d, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of legal altering activities? ☐ Plants ☐ Soils ☐ Hydrologic indicators
- f) If yes to 29d, which tests would be passed with cessation of legal altering activities? ☐ Wetland Definition ☐ A Test ☐ B Test ☐ C Test ☐ D Test **Why?**

30. Authorized or Legally Altered Hydrology Test Criteria §62-340.300(3)(b), F.A.C.

- a) Has wetland hydrology of the area been **legally** drained or lowered? ☐ Yes ☒ No (If no, skip to #31)
If yes, how?
- b) Has wetland hydrology been **legally** eliminated at the described point? ☐ Yes ☐ No (If no, skip to #31)
- c) If yes to 30b, using reasonable scientific judgment or §62-340.550, F.A.C., have dredging or filling activities authorized by **Part IV of Chapter 373, F.S. permanently eliminated** wetland hydrology at the described point such that the wetland definition cannot be met? ☐ Yes (point is upland) ☐ No (If yes, skip to #31)
Chapter 373, F.S. Part II activities (e.g., water use permits) or other temporary hydrologic alterations (e.g., surface water pumps, drought) do not apply to this or any other Ch. 62-340, F.A.C. determinations.
- d) If no to 30c, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of temporary hydrologic drainage? ☐ Plants ☐ Soils ☐ Hydrologic indicators
- e) If no to 30c, Which tests would be passed with cessation of temporary hydrologic alterations?
☐ Wetland Definition ☐ A Test ☐ B Test ☐ C Test ☐ D Test
Why?

31. Unauthorized or Illegally Altered Sites Test Criteria §62-340.300(3)(c), F.A.C.

If the altering activity is a violation of regulatory requirements, then application of §62-340.300(3)(c), F.A.C. and all provisions of Chapter 62-340, F.A.C. are utilized to identify or delineate the wetland in a forensic manner.

This identification or delineation reflects the condition immediately prior to the unauthorized alteration.

- a) Have any **unauthorized** alterations affected the normal wetland condition at the described point? ☐ Yes ☒ No
If yes, how? (If no, skip to #32)
- b) If yes to 31a, which criteria tests are affected by the unauthorized alterations?
☐ A Test ☐ B Test
☐ C Test ☐ D Test
- c) With reasonable scientific judgment is the described point a wetland, or would it have been a wetland immediately prior to the unauthorized alteration? ☐ Yes ☐ No If no, why? (If no, skip to #32)
- d) If yes to 31c, what §62-340.300, F.A.C. evidence is present now and/or was present immediately prior to the unauthorized alteration? ☐ Plants ☐ Soils ☐ Hydrologic indicators
- e) If yes to 31c, which tests would be passed immediately prior to the unauthorized alteration?
☐ Wetland Definition ☐ A Test ☐ B Test ☐ C Test ☐ D Test
Why?

32. Wetland and Other Surface Water Summary §62-340.600(2)(a-e), F.A.C.:

Given **normal** expression, **cessation** of **authorized** alterations, or **immediately prior** to any **unauthorized** alterations:

- a) With **reasonable scientific judgment** is the described point a wetland as defined in §62-340.200(19), F.A.C. and located by Ch. 62-340, F.A.C.? ☐ Yes ☒ No If yes, which criteria identified or delineated the wetland?
☐ Wetland Definition ☐ A Test ☐ B Test ☐ C Test ☐ D Test
If summary answers differ from answers in 25f, 25g, 26d, or 27d, why?
- b) Is the described point located at or within the Mean High Water Line of a tidal water body?
☐ Yes ☒ No ☐ MHWL Unknown
- c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural watercourse? ☐ Yes ☒ No
- d) Is the described point located at or within the top of the bank of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes of 1 foot vertical to 4 feet horizontal or steeper, excluding spoil banks when the canals and ditches have resulted from excavation into the ground? ☐ Yes ☒ No
- e) Is the described point located at or within the Seasonal High Water Line of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes flatter than 1 foot vertical to 4 feet horizontal or an artificial water body created by diking or impoundment above the ground? ☐ Yes ☒ No

33. Connection or Isolation of Wetland per Applicant's Handbook Vol.1 Section 2.0

If the described point is a wetland, does it have a connection via wetlands or other surface waters, or is it wholly surrounded by uplands and therefore isolated? ☐ Connected ☐ Isolated ☒ N/A (Point is not wetland)

Point ID/Location: 438648 1

Notes:

Helpful Definitions for Applying Ch 62-340, F.A.C.

¹**RSJ** stands for Reasonable Scientific Judgment where used throughout this Data Form (See *The Florida Wetlands Delineation Manual* pg. 2 & 12)

²**HSTS** stands for Hydric Soils Technical Standard (See NRCS Hydric Soils Technical Note 11)

Definition from §62.340.200(19) Florida Administrative Code

"Wetlands," as defined in subsection 373.019(17), F.S., means those areas that are inundated or saturated by surface water or ground water at a frequency and a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Soils present in wetlands generally are classified as hydric or alluvial, or possess characteristics that are associated with reducing soil conditions. The prevalent vegetation in wetlands generally consists of facultative or obligate hydrophytic macrophytes that are typically adapted to areas having soil conditions described above. These species, due to morphological, physiological, or reproductive adaptations, have the ability to grow, reproduce or persist in aquatic environments or anaerobic soil conditions. Florida wetlands generally include swamps, marshes, bayheads, bogs, cypress domes and strands, sloughs, wet prairies, riverine swamps and marshes, hydric seepage slopes, tidal marshes, mangrove swamps and other similar areas. Florida wetlands generally do not include longleaf or slash pine flatwoods with an understory dominated by saw palmetto.

Definition from §373.019(19) Florida Statutes

"Surface water" means water upon the surface of the earth, whether contained in bounds created naturally or artificially or diffused. Water from natural springs shall be classified as surface water when it exits from the spring onto the earth's surface.

Definition from §373.019(14) Florida Statutes

"Other watercourse" means any canal, ditch, or other artificial watercourse in which water usually flows in a defined bed or channel. It is not essential that the flowing be uniform or uninterrupted.

Definition from §62.340.200(15) Florida Administrative Code

"Seasonal High Water" means the elevation to which the ground and surface water can be expected to rise due to a normal wet season.

From The Florida Wetlands Delineation Manual pg. 37

Ordinary high water is that point on the slope or bank where the surface water from the water body ceases to exert a dominant influence on the character of the surrounding vegetation and soils. The OHWL frequently encompasses areas dominated by non-listed vegetation and non-hydric soils. When the OHWL is not at a wetland edge, the general view of the area may present an "upland" appearance.

Definition from §403.803(14) Florida Statutes

"Swale" means a manmade trench which:

- (a) Has a top width-to-depth ratio of the cross-section equal to or greater than 6:1, or side slopes equal to or greater than 3 feet horizontal to 1 foot vertical;
 - (b) Contains contiguous areas of standing or flowing water only following a rainfall event;
 - (c) Is planted with or has stabilized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and
- Is designed to take into account the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge.

34. Photographs and/or videos: Soil profile with Data Form, Soil profile close-up, Cross section(s) at 6" depth for sandy textures and/or critical depths for fine textures, Hydric soil indicators, Water table or inundation depth, Four cardinal directions of plant strata present, Hydrologic indicators (with scale as necessary), Critical plant ID (optional)

1.	Description:	Soil Profile.
----	--------------	---------------



2.	Description:	Horizon: 1. Depth: 2.5 inches.
----	--------------	--------------------------------



3.	Description:	Horizon: 2. Depth: 6 inches.
----	--------------	------------------------------



4.	Description:	Horizon: 3. Depth: 9 inches.
----	--------------	------------------------------



5.	Description:	Facing E
----	--------------	----------



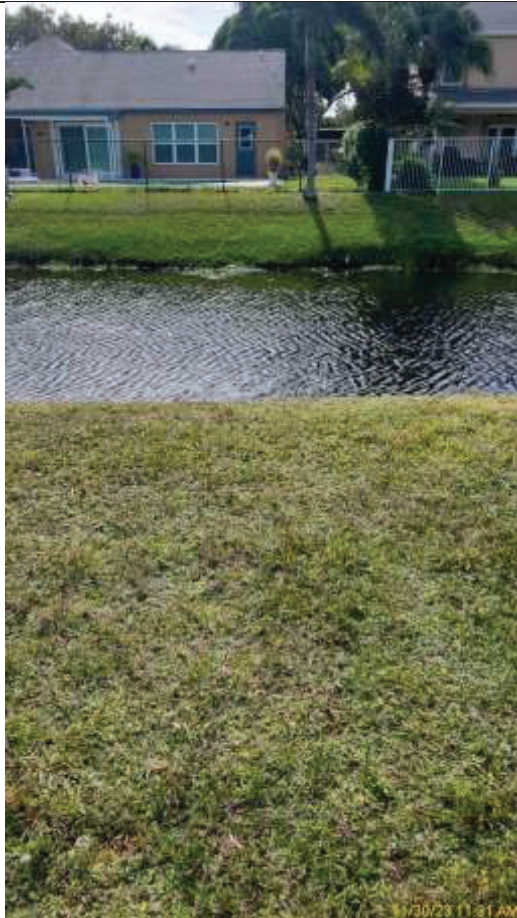
6. Description: Facing N



7. Description: Facing W



8.	Description:	Facing S
----	--------------	----------



Approximate Data Form Point Location

