



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

December 15, 2021

Maxx Alsobrook Partners, LLC
c/o John Sabow
202 Aberdeen Pond Drive
Apollo Beach, FL 33572
johnsabow@gmail.com

File No.: 29-0401271-001-WD, Hillsborough County

Dear Mr. Sabow:

On March 30, 2021, we received your request for a State 404 Program waters of the United States (WOTUS) determination in conjunction with a Chapter 62-340, F.A.C. formal determination of the landward extent of wetlands and other surface waters at 1909 Alsobrook Street, Tampa, Section 33, Township 28 South, Range 22 East, Hillsborough County.

The Chapter 62-340, F.A.C. Formal Determination (FD) of the landward extent of wetlands and other surface waters, file number 42045507.000, was issued by Southwest Florida Water Management District on November 15, 2021 and expires on November 15, 2026.

The Department has evaluated the provided information and concluded that wetlands and other surface waters delineated within the boundary of the above referenced formal determination are not regulated under the State 404 program as WOTUS. A State 404 Program permit will not be required for activities proposed within the boundaries of the formal determination.

This WOTUS determination is valid for use only in conjunction with the 62-340, F.A.C. formal determination, file number above, and expires November 15, 2026. A new WOTUS determination will be performed with each re-issuance or renewal of the formal determination if requested by the petitioner.

Prior to expiration of this determination, a new WOTUS determination will be required upon application for a State 404 Program permit, verification of exemption, or "no permit required" verification if: 1) the federal definition of WOTUS changes; 2) if physical conditions on the property have changed so as to alter the boundaries of surface waters or wetlands, other than changes which have been authorized by a valid USACE Section 404 permit (issued prior to December 22, 2020) or State 404 Program permit; or 3) if it is found that the requestor submitted inaccurate information to the Department.

Please retain this letter. If activities are performed in WOTUS without a valid USACE Section 404 permit (issued prior to December 22, 2020) or State 404 Program permit you may be subject to enforcement action and possible penalties.

This letter does not relieve you from the responsibility of obtaining any necessary federal, state (including State 404 Program or ERP), or local authorizations that maybe required for future development of the property.

This determination is only intended to be used by the Florida Department of Environmental Protection for the purposes of administering their approved state Clean Water Act Section 404 program. This is not a

“jurisdictional determination” or “approved jurisdictional determination” as defined and governed by the U.S. Army Corps of Engineers’ regulations per 33 C.F.R. § 331.2. This determination is not binding on the federal government. The U.S. Environmental Protection Agency has final authority to construe the jurisdictional term “waters of the United States” under the Clean Water Act.

If you have any questions regarding this determination or permitting requirements, please contact Nikki Ross by telephone at 813-470-5775 or by e-mail at Nikki.A.Ross@floridadep.gov.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Sincerely,



Michael Lynch
Permitting Program Administrator
Permitting & Waste Cleanup Program
Southwest District

Attachments:

1. Copy of 62-340, F.A.C. Formal Determination, 7 pages
2. Map of WOTUS regulated wetlands and other surface waters, 2 pages
3. 62-340, F.A.C., Data form(s), 30 pages
4. Site Inspection Report, 19 pages
5. WOTUS Information Form (with supporting information), 12 pages

CC:

Nikki Ross, Southwest District, Nikki.A.Ross@floridadep.gov
ERP/State 404 Permitting, SWD DEP, sw_erp@floridadep.gov
Michael Lynch, SWD FDEP, Michael.Lynch@FloridaDEP.gov
Danielle Clooney, SWFWMD, Danielle.Clooney@swfwmd.state.fl.us
SWFWMD, 404_assumption@swfwmd.state.fl.us
Jody Sisk, Atlantic Ecological Services, jody@atlanticeco.com

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this determination, including all copies, was mailed before the close of business on December 15, 2021, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to 120.52(7),
Florida Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.

Clerk 

Date December 15, 2021



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Employer

Southwest Florida Water Management District

Bartow Office

170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Office

78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Office

7601 U.S. 301 North (Fort King Highway)
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

WaterMatters.org

November 15, 2021

Alsobrook & Park Holdings LLC
18305 Biscayne Blvd Suite 400
North Miami Beach, FL 33160

Subject: **Notice of Intended Agency Action - Approval**
Petition for Formal Determination of Wetlands and Other Surface Waters
Petition No.: 812793/42045507.000
Project Name: 1909 Alsobrook St
County: Hillsborough
Sec/Twp/Rge: S33/T28S/R22E

Dear Permittee:

The Southwest Florida Water Management District (District) has completed its review of the petition for Formal Determination of Wetlands and Other Surface Waters. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the petition.

The File of Record associated with this application can be viewed at www18.swfwmd.state.fl.us/erp/erp/search/ERPSearch.aspx and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding the application or any other information, please contact Danielle Clooney at the Tampa Service Office, extension 2003.

Sincerely,

David Kramer, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

cc: FDEP Formal JD's
Atlantic Ecological Services
Jody Sisk



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Employer

Southwest Florida Water Management District

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

TDD only: 1-800-231-6103 (FL only)

On the Internet at WaterMatters.org

November 15, 2021

Alsobrook & Park Holdings LLC
18305 Biscayne Blvd Suite 400
North Miami Beach, FL 33160

Subject: **Notice Agency Action Letter - Approval**
Petition for Formal Determination of Wetlands and Other Surface Waters
Petition No.: 812793/42045507.000
Project Name: 1909 Alsobrook St
County: Hillsborough
Sec/Twp/Rge: S33/T28S/R22E

Dear Permittee:

The Southwest Florida Water Management District (District) is in receipt of your petition for Formal Determination of Wetlands and Other Surface Waters. Based upon a review of the information you submitted, the petition is approved. Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the petition described in this letter.

Approved surveys are available for viewing or downloading through the District's Application and Permit Search Tools located at www18.swfwmd.state.fl.us/erp/erp/search/ERPSearch.aspx.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, is available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

If you have any questions or concerns regarding your permit or any other information, Danielle Clooney at the Tampa Service Office, extension 2003.

Sincerely,

David Kramer, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

Enclosures: Approved Formal Determination of Wetlands and Other Surface Waters
 Notice of Rights
cc: FDEP Formal JD's
 Atlantic Ecological Services
 Jody Sisk

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FORMAL DETERMINATION OF WETLANDS AND OTHER SURFACE WATERS
No. 812793/42045507.000**

EXPIRATION DATE:
11/15/2026

FORMAL DETERMINATION ISSUED DATE
11/15/2021

This Formal Determination of Wetlands and Other Surface Waters No. 812793/42045507.000 is issued under the provisions of Section 373.421, Florida Statutes, (F.S.), and 62-330.201, Florida Administrative Code, (F.A.C.). This Formal Determination consists of the District's determination of the locations on the property of the landward extent (boundaries) of wetlands and other surface waters based on the documentation consisting of a certified survey submitted by the Petitioner. This Formal Determination does not authorize any construction activities or constitute conceptual approval of any anticipated projects. Construction, alteration, operation, removal or abandonment of a surface water management system requires a permit from the District pursuant to Rule 62-330.020, Florida Administrative Code, (F.A.C.), and Section 373.413, Florida Statutes, (F.S.), unless exempt pursuant to 62-330.051 or 62-330.0511, F.A.C., or 373.406, F.S. This Formal Determination does not in any way establish boundaries of sovereign submerged lands.

PROJECT NAME: 1909 Alsobrook St

GRANTED TO: Alsobrook & Park Holdings LLC
18305 Biscayne Blvd Suite 400
North Miami Beach, FL 33160

ABSTRACT: The landward extent of wetlands and/or other surface waters was established by Jody Sisk of Atlantic Ecological Services. These boundaries were identified by applying the rule criteria of Chapter 62-340, F.A.C. Agency review of the site for the potential presence of wetlands and surface waters and verification of the wetland boundaries, was conducted by SWFWMD Environmental Scientist(s) Danielle Clooney (SWFWMD) and DEP Nikki Ross and Lindsay Brock (C.W.E) (FDEP) during a site inspection, with Ron Morahan of AVID Group, on . A certified survey, dated 09/10/2021, signed and sealed by John L. Waby, Professional Surveyor and Mapper, License #4270, State of Florida, which depicts the wetland boundaries, was received on 09/13/2021. To view the survey, please visit <http://www18.swfwmd.state.fl.us/ERP/ERP/Entry/ERP.aspx?id=812793&UniquePageID=b75623fe-3a65-4d46-9f60-d81a417e99f7> to locate the formal determination record and view the documents associated with this file.

COUNTY: Hillsborough

SEC/TWP/RGE: S33/T28S/R22E

PROJECT ACRES: 11.58

**WETLAND AND OTHER
SURFACE WATER ACRES:** 3.25

CURRENT LAND USE: COMMERCIAL

DATE PETITION FILED: October 19, 2020

Pursuant to Subsection 373.421 (4), F.S., the Governing Board may revoke the Formal Wetland Determination upon a finding that the Petitioner has submitted inaccurate information to the District.

The Formal Wetland Determination shall be binding for the stated duration provided physical conditions on the property do not change so as to alter the boundaries of wetlands and other surface waters during that period.

Documents depicting the landward extent (boundaries) of wetlands and other surface waters are hereby incorporated into this petition by reference and the Petitioner shall comply with them. These documents are available for viewing or downloading at www.WaterMatters.org.

David Kramer, P.E.

Authorized Signature

Notice of Rights

Administrative Hearing

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C., can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 US Hwy 301, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

Judicial Review

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

SURVEYOR'S REPORT

MAP OF BOUNDARY SURVEY AND WETLAND JURISDICTIONAL SURVEY :

SEE SHEET 2 OF 2 FOR MAP OF SURVEY. THE MAP AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.

LEGAL DESCRIPTION:
(SEE DATA SOURCE 2)

A parcel of land lying in the Southeast 1/4 of the Northeast 1/4 of Section 33, Township 28 South, Range 22 East, Hillsborough County, Florida, being more particularly described as follows:

Commencing at the Southeast corner of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence on the South boundary thereof run South 89°30'59" West, a distance of 50.00 feet to a point on the West right-of-way boundary of Park Street (C.R. 39-B); thence continue on said South boundary running South 89°30'59" West, a distance of 1262.15 feet to the Southwest corner of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence departing said South boundary and on the West boundary of the Southeast 1/4 of the Northeast 1/4 of said Section 33, run North 00°44'30" East, a distance of 663.97 feet to the Southeast corner of EAST PLANT CITY SUBDIVISION as recorded in Plat Book 7, Page 41, Public Records of Hillsborough County, Florida; thence along the East boundary of said EAST PLANT CITY SUBDIVISION, run North 00°44'38" East, a distance of 179.98 feet to the POINT OF BEGINNING; thence continue on said East boundary, North 00°44'38" East, a distance of 434.11 feet to a point on the South right-of-way boundary of Alsobrook Street (C.R. 574-A); thence departing said East boundary and on said South boundary, run North 89°28'17" East, a distance of 278.75 feet; thence North 89°26'17" East, a distance of 277.03 feet to the beginning of a curve concave Southerly, having a radius of 1859.86 and a central angle of 211°3'01"; thence along the arc of said curve 688.72 feet, said curve subtended by a chord which bears South 79°57'12" East, 684.79 feet, to the curve's end; thence South 42°01'51" East, a distance of 41.47 feet to the aforesaid West right-of-way boundary of Park Street (C.R. 39-B); thence departing said South right-of-way boundary of Alsobrook Street and on said West right-of-way boundary of Park Street, run South 00°37'40" West, a distance of 278.71 feet to a point 843.59 feet North of the South boundary of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence departing said West right-of-way boundary of Park Street run South 89°31'36" East, a distance of 1260.43 feet to point of beginning. LESS right-of-way for Alsobrook Street and LESS right-of-way for S.R. 39-B.

DATA SOURCES:

- BEARINGS ARE BASED UPON THE EAST LINE OF THE NORTHEAST 1/4 SECTION 33, TOWNSHIP 28 SOUTH, RANGE 22 EAST, BEING S. 00°47'47" W. AS ESTABLISHED BASED ON STATE PLANE COORDINATES WEST ZONE AND IS SHOWN ON THE MAP OF SURVEY.
- THIS SURVEY WAS PREPARED WITH THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE, PREPARED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY COMMITMENT NUMBER 920180, COMMITMENT DATE: JULY 20, 2020 AT 11:00 P.M. THE LEGAL DESCRIPTION SHOWN HEREON IS AS IT APPEARS IN SAID COMMITMENT.
- SOURCE OF EASEMENT INFORMATION BEING SAID COMMITMENT REFERENCED IN DATA SOURCES 2.
- STATE PLANE COORDINATES ARE BASED FDOT FLORIDA PERMANENT REFERENCE NETWORK THEY WERE ESTABLISHED WITH GPS USING MULTIPLE OBSERVATIONS CONSISTING OF MORE THAN THREE MINUTES AT EACH POINT.
- THE RECORD PLAT OF EAST PLANT CITY SUBDIVISION, AS RECORDED IN PLAT BOOK 7, PAGE 41 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA, WAS UTILIZED IN THE PREPARATION OF THIS SURVEY.

SURVEYOR'S NOTES:

- USE OF THIS SURVEY BY ANYONE OTHER THAN THOSE PREPARED FOR/CERTIFIED TO, WILL BE THE RE-USERS SOLE RISK WITHOUT LIABILITY TO THE SURVEYOR.
- THE SIGNING PROFESSIONAL LAND SURVEYOR IS NOT RESPONSIBLE FOR ADDITIONAL EASEMENTS AND/OR RESTRICTIONS AFFECTING THIS PROPERTY THAT WERE NOT PROVIDED BY THE TITLE COMPANY REFERENCED IN DATA SOURCES 2.
- THE LOCATIONS OF THE UNDERGROUND UTILITIES AND / OR THEIR APPURTENANCES WERE PERFORMED BY A FIELD SURVEY AND ONLY LOCATED AS SHOWN ON THE FACE OF THE SURVEY. ONLY THE UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES WHICH WERE VISIBLE FROM GROUND LEVEL TO THE SURVEYOR ON THE ACTUAL DAY OF THE FIELD SURVEY WERE LOCATED. NO EXCAVATIONS OR SUBSURFACE WORK EFFORTS OF ANY KIND WERE PERFORMED BY THE SURVEYOR TO VERIFY THE EXISTENCE OF ANY UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
- PRINTED DIMENSIONS SHOWN ON THE SURVEY SUPERSEDE SCALED DIMENSIONS. THERE MAY BE ITEMS DRAWN OUT OF SCALE TO GRAPHICALLY SHOW THEIR LOCATION.
- UNDERGROUND FOUNDATIONS AND THEIR LOCATIONS HAVE NOT BEEN DETERMINED.
- IRRIGATION EQUIPMENT AND/OR THEIR APPURTENANCES HAVE NOT BEEN LOCATED UNLESS OTHERWISE SHOWN HEREON.
- FIELD WORK WAS COMPLETED ON 05/23/20.
- NO INFORMATION FOR THE ADJOINING PROPERTY OWNERS WAS PROVIDED TO THE SURVEYOR.
- CALCULATED (C) GEOMETRY SHOWN HEREON WAS CALCULATED USING FIELD LOCATED POINTS.
- ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- ANGULAR AND/OR DIMENSIONAL DISCREPANCIES BETWEEN THE LEGAL DESCRIPTION(S) AND THE FIELD LOCATED OCCUPATION BOUNDARY CORNERS, AND BOUNDARY CORNERS WITH MULTIPLE BOUNDARY MONUMENTS ALONG WITH THEIR CORRESPONDING QUADRANT DIRECTIONAL MISSES, ARE SHOWN ON MAP OF SURVEY.
- THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "X", PER FLOOD INSURANCE RATE MAP, COMMUNITY NUMBER 120113, PANEL NUMBER 288, SUFFIX H , MAP NUMBER 12057C0288H, EFFECTIVE DATE AUGUST 28, 2008
- THE WETLAND WERE DELINEATED BY JODY SISK OF ATLANTIC ECOLOGICAL SERVICES AND FIELD LOCATED BY AVIDGROUP.

EASEMENTS/RIGHT-OF-WAYS:

1. THERE MAY BE EASEMENTS AND/OR RESTRICTIONS AFFECTING THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

THE FOLLOWING ARE PER SCHEDULE B -- SECTION 2 OF THE COMMITMENT REFERENCED IN DATA SOURCE 2

- Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the Public Records or attaching subsequent to the Commitment Date hereof but prior to the date the Proposed Insured acquires for value of record the estate or interest or Mortgage thereon covered by this Commitment.
RESPONSE TO ITEM 1: NON SURVEY ITEM
- General or special taxes and assessments required to be paid in the year 2020 and subsequent years.
 - Rights or claims of parties in possession not recorded in the Public Records.
 - Any encroachment, encumbrance, violation, variation or adverse circumstance that would be disclosed by an inspection or an accurate and complete land survey of the Land and inspection of the Land.
 - Easements or claims of easements not recorded in the Public Records.
 - Any lien, or right to a lien, for services, labor or material furnished, imposed by law and not recorded in the Public Records.
RESPONSE TO ITEM 2 (a),(b),(d) and (e): NON SURVEY ITEMS
RESPONSE TO ITEM 2(c): SEE MAP OF SURVEY
 - Any Owner's Policy issued pursuant hereto will contain under Schedule B the following exception: Any adverse ownership claim by the State of Florida by right of sovereignty to any portion of the Land insured hereunder, including submerged, filled and artificially exposed lands, and lands accreted to such lands.
RESPONSE TO ITEM 3: NON SURVEY ITEM
 - Any lien provided by County Ordinance or by Chapter 159, F.S., in favor of any city, town, village or port authority, for unpaid service charges for services by any water systems, sewer systems or gas systems serving the land described herein; and any lien for waste fees in favor of any county or municipality.
RESPONSE TO ITEM 4: NON SURVEY ITEM
 - Rights of the lessees under unrecorded leases.
RESPONSE TO ITEM 5: NON SURVEY ITEM

PREPARED FOR:

ALSOBROOK & PARK HOLDINGS, LLC

CERTIFIED TO:

MAXX ALSOBROOK PARTNERS, LLC
PRIVATE LENDING RESOURCES, LLC
MAXX DEVELOPMENT PARTNERS, LLC
OLD REPUBLIC NATIONAL TITLE INSURANCE
ALSOBROOK & PARK HOLDINGS, LLC
ATTORNEYS' TITLE FUND SERVICES, LLC
CIRCLE K STORES INC.

SURVEYOR IN RESPONSIBLE CHARGE:

JOHN L. WABY
PROFESSIONAL LAND SURVEYOR
LICENSE NUMBER PLS 4270
STATE OF FLORIDA

SYMBOLS LEGEND

- Aerial Target
- Air Release Valve
- Bench Mark
- Back Flow Preventor
- Cable TV Paint Stripe
- Cable TV Box
- Cable TV Pedestal
- Communications Manhole
- Concrete Light Pole
- Concrete Post
- Concrete Utility Pole
- Drainage Manhole
- Electric Box
- Electric Manhole
- Electric Meter
- Electric Transformer
- FPC Pedestal
- Fire Hydrant
- Flag Pole
- Gas Line Marker
- Gas Filler Cap
- Gas Valve
- Gas Meter Box
- Gas Line Paint Stripe
- Gas Vent
- Gopher Tortoise Hole
- Grate Inlet
- Guy Wire
- Handicapped
- Light Pole
- Mail Box
- Metal Post
- Monitor Well
- Parking Meter
- Power Paint Stripe

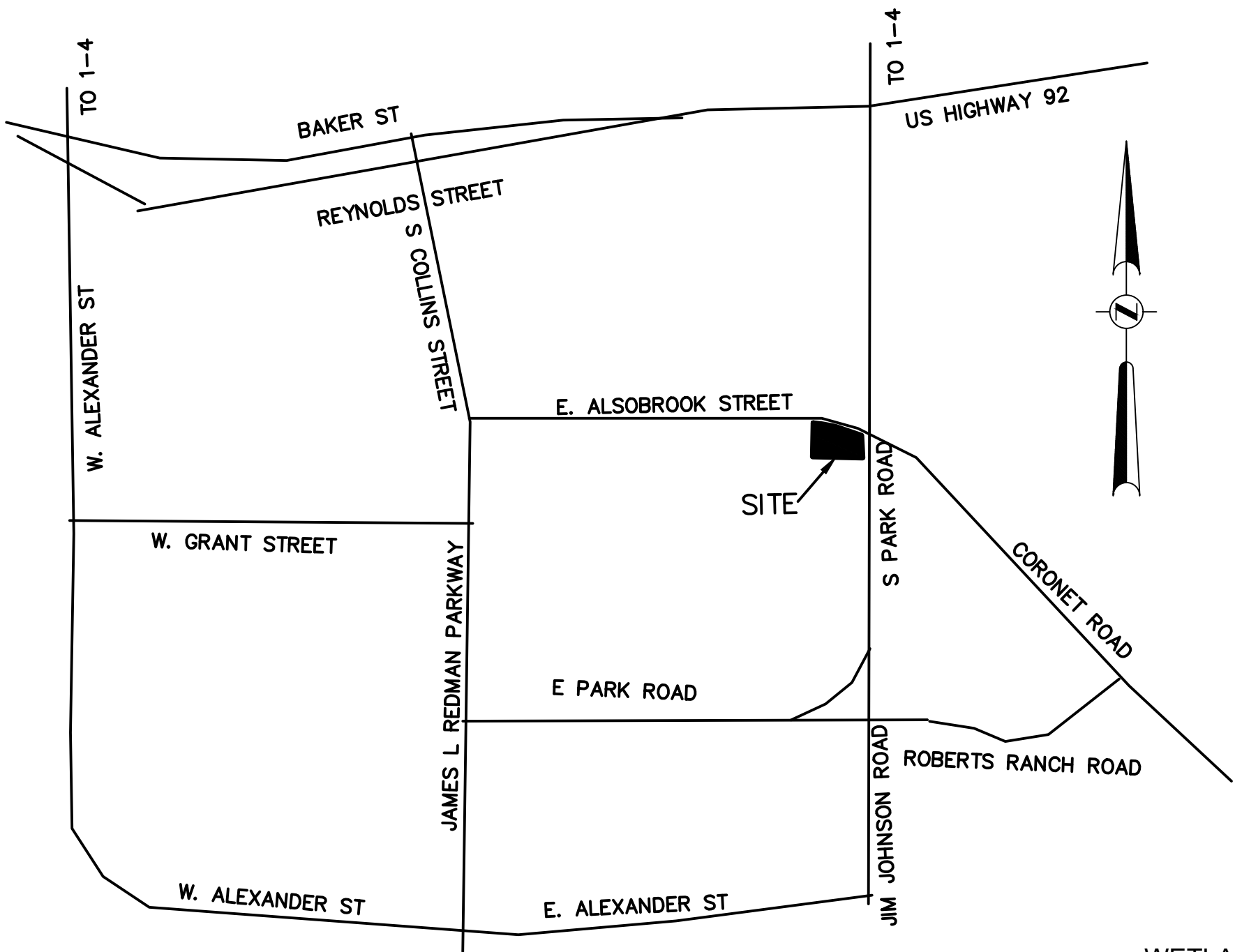
- Reclaimed Water Paint Stripe
- Reclaimed Water Box
- Reclaimed Water Valve
- Sanitary Sewer Manhole
- Sanitary Sewer Paint Stripe
- Section Corner
- Siamese Connection
- Sign
- Sprinkler Control Box
- Sprinkler Head
- Steel Transmission Pole
- Storm Water Paint Stripe
- Telephone Pedestal
- Telephone Manhole
- Telephone Paint Stripe
- Telephone Marker
- Traffic Signal Box
- Traffic Signal Pole
- Underground Cable Marker
- Verizon Box
- Verizon Marker
- Water Blow Off Valve
- Water Line Marker
- Water Line Paint Stripe
- Water Meter
- Water Valve
- Well
- Wood Utility Pole
- Wood Light Pole
- Wood Post/Pole
- Wood Transmission Pole

Point of Elevation
Calculated Dimension from Structure to Boundary / Right-of-Way Line

- FOUND 5/8" IRON ROD WITH CAP "AVID LB 7345" (UNLESS OTHERWISE NOTED)
- SIR, SET 5/8" IRON ROD WITH CAP "AVID LB 7345" (UNLESS OTHERWISE NOTED)
- FCM, FOUND CONCRETE MONUMENT 4"x4" WITH DISK MARKED "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- SQM PRM, SET CONCRETE MONUMENT 4"x4" WITH DISK MARKED "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- SN&D PRM, SET NAIL AND DISK "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- POP, SET NAIL AND DISK "PCP LB 7345" (UNLESS OTHERWISE NOTED)
- CENTRAL ANGLE

ABBREVIATIONS LEGEND

- AC = Acres
- A/C = Air Conditioner
- ADW = Asphalt Driveway
- ARC = Arc Distance (Length)
- ASPH = Asphalt
- BC = Back of Curb
- BCCM = Board of County Commissioners Minutes Book
- BFPD = Back Flow Prevention Device
- BLDG = Building
- BNDY = Boundary
- BWF = Barb Wire Fence
- (C) = Calculated Data
- C/C = Covered Concrete
- CB = Chord Bearing
- CCCL = Coastal Construction Control Line
- CCR = Certified Corner Record
- CDW = Concrete Driveway
- CI = Curb Inlet
- CL = Center Line
- CH = Chord Length
- CLF = Chain Link Fence
- CLS = Centerline Swale
- CM = Concrete Monument
- CON = Corrugated Metal Pipe
- CO = Clean out
- CN = Concrete
- COR = Corner
- CPB = Condo Plat Book
- C/S = Concrete Slab
- CTS = Control Structure
- (D) = Dead
- DB = Dead Book
- DLV = Double Check Valve Assembly
- DEPT = Department
- DIA = Diameter
- DIP = Ductile Iron Pipe
- DMH = Drainage Manhole
- DS = Down Spout
- DW = Driveway
- E = East
- ECMP = Elliptical Corrugated Metal Pipe
- EL = Elevation
- EOW = Edge of Water
- EP = Edge of Pavement
- ERCP = Elliptical Reinforced Concrete Pipe
- ESMT = Easement
- (F) = Field Data
- FCM = Found Concrete Monument
- FDOT = Florida Department of Transportation
- FH = Fire Hydrant
- FIP = Found Iron Pipe
- FIR = Found Iron Rod
- FL = Flow Line
- FND = Found
- FN&D = Found Nail and Disk
- FFE = Finished Floor Elevation
- FN&TT = Found Nail and Tin Tab
- FOP = Found Open End Iron Pipe
- FPB = Florida Power Corporation Box
- FPC = Florida Power Corporation
- FPP = Found Pinched Iron Pipe
- FRRS = Found Railroad Spike
- FT = Feet
- F/T = Fence Tie
- FXC = Found X-cut
- GI = Grate Inlet
- GPS = Global Positioning System
- GT = Gopher Tortoise Hole
- GV = Gas Valve
- HC = Handicapped
- IC = Illegible cap
- ID = Identification
- IE = Invert Elevation
- INV = Invert
- JD = Jurisdictional
- (L) = Legal Description
- LB = Licensed Business Number
- LF = Linear Feet
- LP = Light Pole
- LS = Licensed Surveyor
- MAS = Masonry
- MES = Mitered End Section
- MH = Manhole
- MHW = Mean High Water
- MOL = More or Less
- N = North
- N/C = No Cap
- N/F = Not Found
- NAD = North American Datum
- NAVD = North American Vertical Datum
- NGS = National Geodetic Survey
- NGVD = National Geodetic Vertical Datum
- NP = Normal Pool Elevation
- (NR) = Non Radial
- O/A = Overall
- OHW = Overhead Wire(s)
- ORB = Official Record Book
- OSW = Other Surface Water
- (P) = Plat Book XX Page XX
- PB = Plat Book
- PC = Point of Curvature
- PCP = Permanent Control Point
- PG(S) = Pages
- PI = Point of Intersection
- PL = Property Line
- PLS = Professional Land Surveyor
- PGB = Point of Beginning
- POC = Point of Commencement
- POL = Point on Line
- PRM = Permanent Reference Monument
- PSM = Professional Surveyor and Mapper
- PT = Point of Tangency
- PVC = Polyvinyl Chloride Pipe
- PWL = Painted White Line
- PYL = Painted Yellow Line
- (R) = Recorded Data
- R = Radius
- RCP = Reinforced Concrete Pipe
- RD = Roof Drain
- RNG = Range
- R/W = Right of Way
- S = South
- SCM = Set Concrete Monument, 4"x4", "PRM LB 7345"
- SEC = Section
- SHW = Seasonal High Water Elevation
- SIR = Set 5/8" Iron Rod and Cap, "AVID LB 7345"
- SIR(W) = Set 5/8" Iron Rod and Cap, "WIT COR LB 7345"
- SMH = Sanitary Manhole
- SN&D = Set Nail and Disk, "AVID LB 7345"
- SN&D(W) = Set Nail and Disk, "WIT COR LB 7345"
- SQ = Square
- SR = State Road
- STY = Story
- SW = Sidewalk
- TBM = Temporary Benchmark
- TOB = Top of Bank
- TOS = Toe of Slope
- TPS = Traffic Paint Stripe
- TRANS = Transformer
- TRV = Traverse
- (TYP) = Typical
- TWP = Township
- U/P = Utility Pole
- VCP = Vitrified Clay Pipe
- W = West
- W/ = With
- WDF = Wood Fence
- WIT = Witness
- W/T = Wall Tie
- WV = Water Valve



WETLAND AREAS

OVERALL	515,805	SQ.FT.	OR	11.8413	ACRES
WETLAND 1R	1,268	SQ.FT.	OR	0.0291	ACRES
WETLAND 2	10,074	SQ.FT.	OR	0.2313	ACRES
WETLAND 2A	689	SQ.FT.	OR	0.0158	ACRES
WETLAND 3R	128,065	SQ.FT.	OR	2.9400	ACRES
DITCH 2	1,500	SQ.FT.	OR	0.0344	ACRES
REMAINING UPLAND	374,209	SQ.FT.	OR	8.5907	ACRES

VICINITY MAP
-NOT TO SCALE-

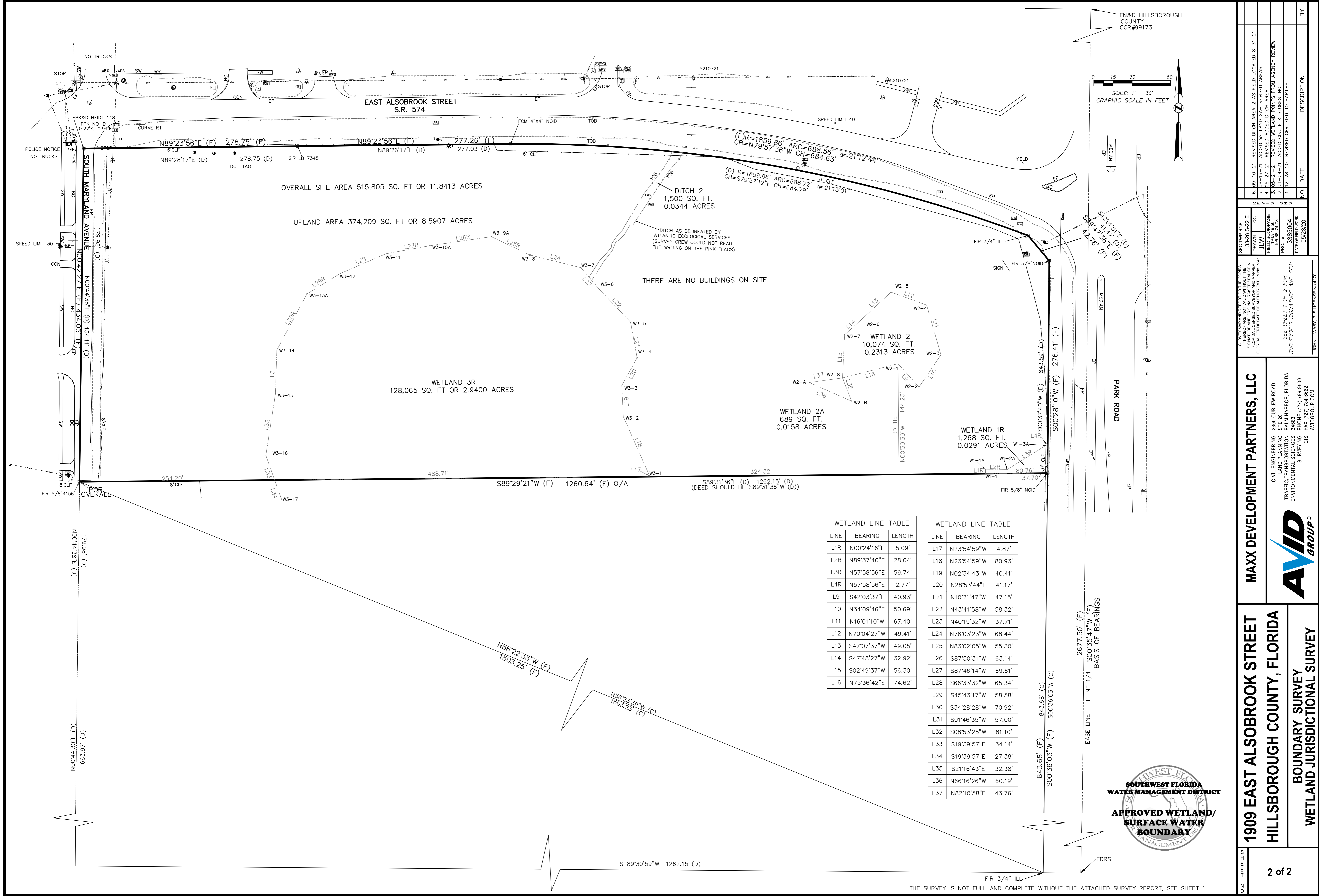


MAXX DEVELOPMENT PARTNERS, LLC

1909 EAST ALSOBROOK STREET
HILLSBOROUGH COUNTY, FLORIDA

BOUNDARY SURVEY
WETLAND JURISDICTIONAL SURVEY

SHEET NO



SECTION: 33-28 S-22 E
DRAWN: JLV
SCALE: 1" = 30'
DATE: 05/23/20

SEE SHEET 1 OF 2 FOR SURVEYOR'S SIGNATURE AND SEAL

3385004
DATE: 05/23/20

NO. DATE
DESCRIPTION

BY

MAXX DEVELOPMENT PARTNERS, LLC

CIVIL ENGINEERING 2300 CURELW ROAD
LAND PLANNING STE 201
TRAFFIC/TRANSPORTATION PALM HARBOR, FLORIDA
ENVIRONMENTAL SCIENCES 34683
SURVEYING PHONE (727) 789-9500
GIS FAX (727) 784-6662
AVID GROUP CO. INC.

1909 EAST ALSOBROOK STREET
HILLSBOROUGH COUNTY, FLORIDA

BOUNDARY SURVEY
WETLAND JURISDICTIONAL SURVEY

2 of 2

NO. 3

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

1. Date: 07/29/2021		2. Staff Present: Nikki Ross, Lindsay Brock		3. Form recorder(s): NR/LB					
4. County: Hillsborough		5. Site Name: 1909 Alsobrook St. E		Tracking #: 401271					
6. Point ID: WL-3 Point 1		GPS Coordinates: 28°00'24.5"N 82°06'24.6"W							
7. Distances and bearings from fixed objects (if no GPS):									
8. Current condition of described point: <input checked="" type="radio"/> Authorized or legal condition <input type="radio"/> Unauthorized or illegal condition									
9. Work type: <input type="radio"/> Identification <input checked="" type="radio"/> Delineation									
Point status: <input checked="" type="radio"/> Wetland <input type="radio"/> Non-Wetland Surface Water <input type="radio"/> 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.) <input checked="" type="radio"/> Canopy (Min. 10% areal extent) <input type="radio"/> Subcanopy (Min. 10% areal extent) <input type="radio"/> Groundcover (No min. areal extent) <input type="radio"/> Vegetation Absent (<i>skip to #14</i>) <input type="radio"/> Evaluation Impossible (<i>skip to #14</i>) Why?									
11. Plant List §62-340.200(2),(6),(16), §62-340.400, §62-340.450, F.A.C.: <i>As is under current conditions, without considering RSJ¹ or the legality of any alterations:</i>					Areal extent estimator: LB				
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 <u>each</u> 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 <u>only that stratum's column</u> into the appropriate status columns.					
#	Binomial of Observed Species	Status	Canopy	Subcanopy	Groundcover	Upland	Facultative	Fac. Wet	Obligate
1.	Quercus laurifolia	FW	60					60	
2.	Quercus virginiana	F	50				50		
3.	Sabal palmetto	FW		15					
4.	Stenotaphrum secundatum	U			5				
5.	Acer rubrum	FW	5					5	
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						0	50	65	0
12. In the stratum selected in #10: What is the % areal extent of Obligate plants? <u>0</u> What is the % areal extent of Upland plants? <u>0</u> Is the areal extent of Obligate plants greater than that of Upland plants? <input type="radio"/> Yes <input checked="" type="radio"/> No									
13. In the stratum selected in #10: What is the total % areal extent of Obligate & Facultative Wet plants combined? <u>65</u> What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? <u>65</u> What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{OBL+FACW}{OBL+FACW+UPL}$) <u>100.0%</u>									

Point ID/Location: 28°00'24.5"N 82°06'24.6"W					Soil describer: LB		
14. LRR/MLRA U			Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl				
15. Is a soil profile evaluation possible? <input checked="" type="radio"/> Yes <input type="radio"/> 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	0-2	MM	10YR 2/1	90			
2	2-10	S	10 YR 2/1	70	LA: 10 yr. 6/1, 45%, round, diffuse		
3	10-16+	S	10 YR 2/1	70	LA: 10 yr. 6/1, 15%, round, diffuse		
4							
5							
6							
17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths							
<input checked="" type="checkbox"/> All Texture		<input checked="" type="checkbox"/> Sandy Texture		<input checked="" type="checkbox"/> Fine Texture		Indicator Present Begin Depth End Depth	
___ (A1) Histosol*		___ (S4) Sandy Gleyed Matrix*		___ (F2) Loamy Gleyed Matrix*		1. S6	2 16
___ (A2) Histic Epipedon*		___ (S5) Sandy Redox		___ (F3) Depleted Matrix		2. _____	_____
___ (A3) Black Histic*		<input checked="" type="checkbox"/> (S6) Stripped Matrix		___ (F6) Redox Dark Surface		3. _____	_____
___ (A4) Hydrogen Sulfide*		___ (S7) Dark Surface		___ (F7) Depleted Dark Surface		4. _____	_____
___ (A5) Stratified Layers*		___ (S8) Polyvalue Below Surface		___ (F8) Redox Depression		5. _____	_____
___ (A6) Organic Bodies		___ (S9) Thin Dark Surface		___ (F10) Marl		6. _____	_____
___ (A7) 5cm Mucky Mineral*		___ (S12) Barrier Islands 1cm Muck		___ (F12) Iron-Manganese Masses			
___ (A8) Muck Presence*				___ (F13) Umbric Surface			
___ (A9) 1cm Muck*				___ (F22) Very Shallow Dark Surface			
___ (A11) Depleted Below Dark Surface		___ (A12) Thick Dark Surface		* = 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 type="radio"/> Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) <input checked="" type="radio"/> No <input type="radio"/> Soil profile or site inaccessible							
19. Is one or more hydric soil field indicators present? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 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="radio"/> Yes ← Which method(s)? _____ <input type="radio"/> No <input type="radio"/> Inconclusive ← Why? _____ (e.g., hydric soil definition, HSTS ² , indicator present at drier elevation, indicator would be present but for disturbance)							
20. Is the depth of the soil profile 20 inches or greater from the soil surface? <input type="radio"/> Yes <input checked="" type="radio"/> No If no, depth of soil profile is: 16 inches Why? Shovel Limitations (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: 11 inches <input type="radio"/> Above <input checked="" type="radio"/> Below <input type="radio"/> Not Observed							

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

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
(1) Algal mats*				
(2) Aquatic mosses or liverworts*	✓		✓	Liverworts at base of laurel oak 8 feet west
(3) Aquatic plants*				
(4) Aufwuchs*				
(5) Drift lines and rafted debris*				
(6) Elevated lichen lines*	✓		✓	on laurel oak at 12" and 8 feet west
(7) Evidence of aquatic fauna				
(8) Hydrologic data*				Water at point 11" from surface
(9) Morphological plant adaptations*				
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*	✓			At 8" on Laurel Oak 8 feet west

Highest water level indicator height at point: 12 inches ☒ Above Ground Surface ☐ No Water Level Indicators
☐ Above Soil Surface ☐ N/A (described point is Upland)

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?

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

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

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

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? _____
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 Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ☐ 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: 46—St. Johns fine sand ☐ 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? _____
- b) Are there **authorized** or **legal** alterations affecting reliable soil evaluation at the described point? ☐ Yes ☐ No
 If yes, how? _____ (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? _____ (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?** _____

Point ID/Location: 28°00'24.5"N 82°06'24.6"W

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: 28°00'24.5"N 82°06'24.6"W

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)

#	Memory Card # / Metadata	Description, compass direction (if applicable)	Taken By
1.			
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Notes:Reference inspection report for site photographs.

Lindsay Brock, CWF

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
- (d) 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.

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

1. Date: 07/29/2021

2. Staff Present: Nikki Ross; Lindsay Brock

3. Form recorder(s): NR

4. County: Hillsborough

5. Site Name: 1909 Alsobrook St. E

Tracking #: 401271

6. Point ID: WL-3 Point 2

GPS Coordinates: 28°00'24.2"N 82°06'24.6"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: LB

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.	Quercus virginiana	U	90			90			
2.	Sabal palmetto	FW			15				
3.	Quercus laurifolia	FW	15					15	
4.	Urena lobata	U			5				
5.	Commelina spp.	FW			5				
6.	Eupatorium capillifolium	F			10				
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						90	0	15	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? 90

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? 15

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 105

What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{OBL+FACW}{OBL+FACW+UPL}$) 14.3%

Form 62-330.201(1) - Chapter 62-340, F.A.C. Data Form Incorporated by reference in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 1 of 6

Point ID/Location: 28°00'24.2"N 82°06'24.6"W					Soil describer: LB																							
14. LRR/MLRA U			Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl																									
15. Is a soil profile evaluation possible? <input checked="" type="radio"/> Yes <input type="radio"/> 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	0-3	S	10 YR 3/1	60	LA: 10 YR 6/1, 20% round, clear																							
2	3-12+	S	10 YR 3/1	50	LA: 10 YR 6/1, 30% round, clear soil falling apart, very loose																							
3																												
4																												
5																												
6																												
17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths																												
<input checked="" type="checkbox"/> All Texture		<input checked="" type="checkbox"/> Sandy Texture		<input checked="" type="checkbox"/> Fine Texture		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Indicator Present</th> <th>Begin Depth</th> <th>End Depth</th> </tr> </thead> <tbody> <tr><td>1. _____</td><td>_____</td><td>_____</td></tr> <tr><td>2. _____</td><td>_____</td><td>_____</td></tr> <tr><td>3. _____</td><td>_____</td><td>_____</td></tr> <tr><td>4. _____</td><td>_____</td><td>_____</td></tr> <tr><td>5. _____</td><td>_____</td><td>_____</td></tr> <tr><td>6. _____</td><td>_____</td><td>_____</td></tr> </tbody> </table>		Indicator Present	Begin Depth	End Depth	1. _____	_____	_____	2. _____	_____	_____	3. _____	_____	_____	4. _____	_____	_____	5. _____	_____	_____	6. _____	_____	_____
Indicator Present	Begin Depth	End Depth																										
1. _____	_____	_____																										
2. _____	_____	_____																										
3. _____	_____	_____																										
4. _____	_____	_____																										
5. _____	_____	_____																										
6. _____	_____	_____																										
<input type="checkbox"/> (A1) Histosol* <input type="checkbox"/> (A2) Histic Epipedon* <input type="checkbox"/> (A3) Black Histic* <input type="checkbox"/> (A4) Hydrogen Sulfide* <input type="checkbox"/> (A5) Stratified Layers* <input type="checkbox"/> (A6) Organic Bodies <input type="checkbox"/> (A7) 5cm Mucky Mineral* <input type="checkbox"/> (A8) Muck Presence* <input type="checkbox"/> (A9) 1cm Muck* <input type="checkbox"/> (A11) Depleted Below Dark Surface <input type="checkbox"/> (A12) Thick Dark Surface	<input type="checkbox"/> (S4) Sandy Gleyed Matrix* <input type="checkbox"/> (S5) Sandy Redox <input type="checkbox"/> (S6) Stripped Matrix <input type="checkbox"/> (S7) Dark Surface <input type="checkbox"/> (S8) Polyvalue Below Surface <input type="checkbox"/> (S9) Thin Dark Surface <input type="checkbox"/> (S12) Barrier Islands 1cm Muck	<input type="checkbox"/> (F2) Loamy Gleyed Matrix* <input type="checkbox"/> (F3) Depleted Matrix <input type="checkbox"/> (F6) Redox Dark Surface <input type="checkbox"/> (F7) Depleted Dark Surface <input type="checkbox"/> (F8) Redox Depression <input type="checkbox"/> (F10) Marl <input type="checkbox"/> (F12) Iron-Manganese Masses <input type="checkbox"/> (F13) Umbric Surface <input type="checkbox"/> (F22) Very Shallow Dark Surface																										
		* = 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 type="radio"/> Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) <input checked="" type="radio"/> No <input type="radio"/> Soil profile or site inaccessible																												
19. Is one or more hydric soil field indicators present? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> 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="radio"/> Yes ← Which method(s)? _____ <input checked="" type="radio"/> No <input type="radio"/> Inconclusive ← Why? _____ (e.g., hydric soil definition, HSTS ² , indicator present at drier elevation, indicator would be present but for disturbance)																												
20. Is the depth of the soil profile 20 inches or greater from the soil surface? <input type="radio"/> Yes <input checked="" type="radio"/> No If no, depth of soil profile is: 12 inches Why? Shovel Limitations (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="radio"/> Above <input type="radio"/> Below <input checked="" type="radio"/> Not Observed																												

22. Hydrologic Indicators: *As is under current conditions, without considering RSJ¹ or the legality of any alterations*

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
(1) Algal mats*				
(2) Aquatic mosses or liverworts*				
(3) Aquatic plants*				
(4) Aufwuchs*				
(5) Drift lines and rafted debris*				
(6) Elevated lichen lines*				
(7) Evidence of aquatic fauna				
(8) Hydrologic data*				
(9) Morphological plant adaptations*				
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*				

Highest water level indicator height at point: _____ inches ☐ Above Ground Surface ☐ No Water Level Indicators
☐ Above Soil Surface ☒ N/A (described point is Upland)

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? _____

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

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

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

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? _____
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 Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ☐ 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: 33—Ona fine sand, 0 to 2 percent slopes ☐ 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? _____
- b) Are there **authorized** or **legal** alterations affecting reliable soil evaluation at the described point? ☐ Yes ☐ No
 If yes, how? _____ (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? _____ (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?** _____

Point ID/Location: 28°00'24.2"N 82°06'24.6"W

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: 28°00'24.2"N 82°06'24.6"W

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Lindsay Brock, CWF

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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
- (d) 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.

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

1. Date: 07/22/2021		2. Staff Present: N. Ross; L. Brock			3. Form recorder(s): LB				
4. County: Hillsborough		5. Site Name: 1909 Alsobrook St E			Tracking #: 401271				
6. Point ID: DSW-2 Point 1		GPS Coordinates: 28°00'25.9"N 82°06'24.5"W							
7. Distances and bearings from fixed objects (if no GPS):									
8. Current condition of described point: <input type="radio"/> Authorized or legal condition <input type="radio"/> Unauthorized or illegal condition									
9. Work type: <input type="radio"/> Identification <input checked="" type="radio"/> Delineation									
Point status: <input type="radio"/> Wetland <input checked="" type="radio"/> Non-Wetland Surface Water <input type="radio"/> 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.) <input type="radio"/> Canopy (Min. 10% areal extent) <input checked="" type="radio"/> Subcanopy (Min. 10% areal extent) <input type="radio"/> Groundcover (No min. areal extent) <input type="radio"/> Vegetation Absent (<i>skip to #14</i>) <input type="radio"/> Evaluation Impossible (<i>skip to #14</i>) Why?									
11. Plant List §62-340.200(2),(6),(16), §62-340.400, §62-340.450, F.A.C.: <i>As is under current conditions, without considering RSJ¹ or the legality of any alterations:</i>								Areal extent estimator: LB	
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 <u>each</u> 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 <u>only that stratum's column</u> into the appropriate status columns.			
#	Binomial of Observed Species	Status	Canopy	Subcanopy	Groundcover	Upland	Facultative	Fac. Wet	Obligate
1.	Triadica sebifera	F		15			15		
2.	Quercus laurifolia	FW		30				30	
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						0	15	30	0
12. In the stratum selected in #10: What is the % areal extent of Obligate plants? <u>0</u> What is the % areal extent of Upland plants? <u>0</u> Is the areal extent of Obligate plants greater than that of Upland plants? <input type="radio"/> Yes <input checked="" type="radio"/> No									
13. In the stratum selected in #10: What is the total % areal extent of Obligate & Facultative Wet plants combined? <u>30</u> What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? <u>30</u> What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{OBL+FACW}{OBL+FACW+UPL}$) <u>100.0%</u>									

Point ID/Location: 28°00'25.9"N 82°06'24.5"W					Soil describer: LB
14. LRR/MLRA U		Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl			
15. Is a soil profile evaluation possible? <input type="radio"/> Yes <input checked="" type="radio"/> No If no, why? Standing Water (If No, skip to #18)					
16. Soil Description: As is under current conditions, without considering RSJ ¹ or the legality of any alterations 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					
2					
3					
4					
5					
6					

17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths						
<input checked="" type="checkbox"/> All Texture	<input checked="" type="checkbox"/> Sandy Texture	<input checked="" type="checkbox"/> Fine Texture	Indicator Present	Begin Depth	End Depth	
___ (A1) Histosol*	___ (S4) Sandy Gleyed Matrix*	___ (F2) Loamy Gleyed Matrix*				
___ (A2) Histic Epipedon*	___ (S5) Sandy Redox	___ (F3) Depleted Matrix				
___ (A3) Black Histic*	___ (S6) Stripped Matrix	___ (F6) Redox Dark Surface	1. _____	_____	_____	
___ (A4) Hydrogen Sulfide*	___ (S7) Dark Surface	___ (F7) Depleted Dark Surface	2. _____	_____	_____	
___ (A5) Stratified Layers*	___ (S8) Polyvalue Below Surface	___ (F8) Redox Depression	3. _____	_____	_____	
___ (A6) Organic Bodies	___ (S9) Thin Dark Surface	___ (F10) Marl	4. _____	_____	_____	
___ (A7) 5cm Mucky Mineral*	___ (S12) Barrier Islands 1cm Muck	___ (F12) Iron-Manganese Masses	5. _____	_____	_____	
___ (A8) Muck Presence*		___ (F13) Umbric Surface	6. _____	_____	_____	
___ (A9) 1cm Muck*		___ (F22) Very Shallow Dark Surface				
___ (A11) Depleted Below Dark Surface	* = 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.			
___ (A12) Thick Dark Surface						

18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface?
☐ Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) ☐ No ☒ Soil profile or site inaccessible

19. Is one or more hydric soil field indicators present? ☐ Yes ☐ No ☒ 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?
☐ Yes ← Which method(s)? _____ ☐ No ☒ Inconclusive ← Why? Soil profile not evaluated (e.g., hydric soil definition, HSTS², indicator present at drier elevation, indicator would be present but for disturbance)

20. Is the depth of the soil profile 20 inches or greater from the soil surface? ☐ Yes ☒ No
 If no, depth of soil profile is: 0 inches Why? Soil profile not evaluated due to standing water (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: 8 inches ☒ Above ☐ Below ☐ Not Observed

22. Hydrologic Indicators: *As is under current conditions, without considering RSJ¹ or the legality of any alterations*

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
(1) Algal mats*				
(2) Aquatic mosses or liverworts*				
(3) Aquatic plants*				
(4) Aufwuchs*				
(5) Drift lines and rafted debris*				
(6) Elevated lichen lines*				
(7) Evidence of aquatic fauna				
(8) Hydrologic data*	✓			standing water
(9) Morphological plant adaptations*				
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*	✓			11" above surface on Triadica sebifera 9ft east

Highest water level indicator height at point: 11 inches
 ☒ Above Ground Surface ☐ No Water Level Indicators
☐ Above Soil Surface ☐ N/A (described point is Upland)

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?

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

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

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

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? Soil profile not evaluated
 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? _____
 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 Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ☐ 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: 33—Ona fine sand, 0 to 2 percent slopes ☐ 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? Soil profile not evaluated (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? _____
- b) Are there **authorized** or **legal** alterations affecting reliable soil evaluation at the described point? ☐ Yes ☐ No
 If yes, how? _____ (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? _____ (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: 28°00'25.9"N 82°06'24.5"W

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)

#	Memory Card # / Metadata	Description, compass direction (if applicable)	Taken By
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

Notes:Reference inspection report for site photographs.

Lindsay Brock, CWF

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.

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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.

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"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
- (d) 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.

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

1. Date: 07/29/2021

2. Staff Present: Nikki Ross; Lindsay Brock

3. Form recorder(s): NR/LB

4. County: Hillsborough

5. Site Name: 1909 Alsobrook St.

Tracking #: 401271

6. Point ID: WL 2 - Point 1

GPS Coordinates: 28°00'23.6"N 82°06'23.2"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:

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.	Ulmus americana	FW	15					15	
2.	Morella cerifera	F	5				5		
3.	Triadica sebifera	F	30				30		
4.	Eupatorium capillifolium	F			25				
5.	Cyperus spp.	FW			20				
6.	Juncus effusus	O			10				
7.	Juncus marginatus	FW			15				
8.	Panicum hemitomom	O			40				
9.	Quercus laurifolia	FW	15					15	
10.	Quercus virginiana	U	15			15			
11.	Persicaria pensylvanica	O			10				
12.	Eleocharis spp.	O			45				
13.	Andropogon spp.	F			15				
14.	Paspalum urvillei	F			5				
15.	Rhexia spp.	FW			2				
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						15	35	30	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? 15

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? 30

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 45

What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{OBL+FACW}{OBL+FACW+UPL}$) 66.7%

Form 62-330.201(1) - Chapter 62-340, F.A.C. Data Form Incorporated by reference in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 1 of 6

Point ID/Location: 28°00'23.6"N 82°06'23.2"W					Soil describer: LB
14. LRR/MLRA U		Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl			
15. Is a soil profile evaluation possible? <input checked="" type="radio"/> Yes <input type="radio"/> No If no, why? _____					(If No, skip to #18)
16. Soil Description: As is under current conditions, without considering RSJ ¹ or the legality of any alterations					
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	0-2	S	10 yr. 2/1	80	LA: 10 yr. 7/1, 30%, round, clear Decant test indicates muck mod min ~40-50% of vol.
2	2-5	S	10 yr. 3/1	80	LA: 10 yr. 6/1, 25% round, diffuse DA: 10 yr. 2/1, 5%, round, clear
3	5-12+	S	10 yr. 2/1	75	LA: 10 yr. 6/1, 20%, round, diffuse soil saturated
4					
5					
6					
17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths					
<input checked="" type="checkbox"/> All Texture		<input checked="" type="checkbox"/> Sandy Texture		<input checked="" type="checkbox"/> Fine Texture	
___ (A1) Histosol*		___ (S4) Sandy Gleyed Matrix*		___ (F2) Loamy Gleyed Matrix*	
___ (A2) Histic Epipedon*		___ (S5) Sandy Redox		___ (F3) Depleted Matrix	
___ (A3) Black Histic*		<input checked="" type="checkbox"/> (S6) Stripped Matrix		___ (F6) Redox Dark Surface	
___ (A4) Hydrogen Sulfide*		___ (S7) Dark Surface		___ (F7) Depleted Dark Surface	
___ (A5) Stratified Layers*		___ (S8) Polyvalue Below Surface		___ (F8) Redox Depression	
___ (A6) Organic Bodies		___ (S9) Thin Dark Surface		___ (F10) Marl	
___ (A7) 5cm Mucky Mineral*		___ (S12) Barrier Islands 1cm Muck		___ (F12) Iron-Manganese Masses	
___ (A8) Muck Presence*				___ (F13) Umbric Surface	
___ (A9) 1cm Muck*				___ (F22) Very Shallow Dark Surface	
___ (A11) Depleted Below Dark Surface		* = 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.	
___ (A12) Thick Dark Surface					
18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface? <input type="radio"/> Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) <input checked="" type="radio"/> No <input type="radio"/> Soil profile or site inaccessible					
19. Is one or more hydric soil field indicators present? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 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="radio"/> Yes ← Which method(s)? _____ <input type="radio"/> No <input type="radio"/> Inconclusive ← Why? _____ (e.g., hydric soil definition, HSTS ² , indicator present at drier elevation, indicator would be present but for disturbance)					
20. Is the depth of the soil profile 20 inches or greater from the soil surface? <input type="radio"/> Yes <input checked="" type="radio"/> No If no, depth of soil profile is: 12 inches Why? Shovel Limitations (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="radio"/> Above <input type="radio"/> Below <input type="radio"/> Not Observed					

22. Hydrologic Indicators: *As is under current conditions, without considering RSJ¹ or the legality of any alterations*

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
(1) Algal mats*				
(2) Aquatic mosses or liverworts*				
(3) Aquatic plants*				
(4) Aufwuchs*				
(5) Drift lines and rafted debris*				
(6) Elevated lichen lines*				
(7) Evidence of aquatic fauna				
(8) Hydrologic data*	✓			
(9) Morphological plant adaptations*	✓		✓	4" adventitious roots on Ludwigia peruviana ~4 ft W, 10" hummock on Ulmus americana ~10 ft. S
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*	✓		✓	At 2.5" on juvenile Quercus laurifolia ~20 ft NE
Highest water level indicator height at point: <u>10</u> inches <input checked="" type="radio"/> Above Ground Surface <input type="radio"/> No Water Level Indicators <input type="radio"/> Above Soil Surface <input type="radio"/> N/A (described point is Upland)				

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? _____

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

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

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

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? _____
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 Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ☐ 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: 33 - Ona fine sand, 0 to 2 percent slopes ☐ 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? _____
- b) Are there **authorized** or **legal** alterations affecting reliable soil evaluation at the described point? ☐ Yes ☐ No
 If yes, how? _____ (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? _____ (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?** _____

Point ID/Location: 28°00'23.6"N 82°06'23.2"W

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: 28°00'23.6"N 82°06'23.2"W

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)

#	Memory Card # / Metadata	Description, compass direction (if applicable)	Taken By
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

Notes:Reference inspection report for site photographs.

Lindsay Brock, CWF

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
- (d) 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.

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

1. Date: 07/29/2021

2. Staff Present: N. Ross; L. Brock

3. Form recorder(s): NR/LB

4. County: Hillsborough

5. Site Name: 1909 Alsobrook St. E

Tracking #: 401271

6. Point ID: WL-2 - Point 2

GPS Coordinates: 28°00'23.5"N 82°06'21.4"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: LB

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.	Quercus laurifolia	FW	25					25	
2.	Triadica sebifera	F		15					
3.	Acer rubrum	FW			5				
4.	Rubus pensilvanicus	F			20				
5.	Andropogon virginicus	F			15				
6.	Eupatorium capillifolium	F			2				
7.	Rhexia spp.	FW			2				
8.	Sabal palmetto	FW			5				
9.	Andropogon glomeratus	FW			10				
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						0	0	25	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? 0

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? 25

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 25

What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{OBL+FACW}{OBL+FACW+UPL}$) 100.0%

Form 62-330.201(1) - Chapter 62-340, F.A.C. Data Form Incorporated by reference in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 1 of 6

Point ID/Location: 28°00'23.5"N 82°06'21.4"W					Soil describer: LB			
14. LRR/MLRA U		Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl						
15. Is a soil profile evaluation possible? <input checked="" type="radio"/> Yes <input type="radio"/> No If no, why? (If No, skip to #18)								
16. Soil Description: As is under current conditions, without considering RSJ ¹ or the legality of any alterations 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	0-2	S	10 YR 2/1	70	LA: 10 YR 6/1, 45% round, clear			
2	2-7.5	S	10 YR 5/1		DA: 10 YR 2/1, 30% round, clear			
3	7.5-14+	S	10 YR 3/1	40	LA: 10 YR 6/1, 5% round, diffuse soil saturated 10% round, clear			
4								
5								
6								
17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths								
<input checked="" type="checkbox"/> All Texture		<input checked="" type="checkbox"/> Sandy Texture		<input checked="" type="checkbox"/> Fine Texture		Indicator Present	Begin Depth	End Depth
<input type="checkbox"/> (A1) Histosol*		<input type="checkbox"/> (S4) Sandy Gleyed Matrix*		<input type="checkbox"/> (F2) Loamy Gleyed Matrix*				
<input type="checkbox"/> (A2) Histic Epipedon*		<input type="checkbox"/> (S5) Sandy Redox		<input type="checkbox"/> (F3) Depleted Matrix				
<input type="checkbox"/> (A3) Black Histic*		<input type="checkbox"/> (S6) Stripped Matrix		<input type="checkbox"/> (F6) Redox Dark Surface		1.		
<input type="checkbox"/> (A4) Hydrogen Sulfide*		<input type="checkbox"/> (S7) Dark Surface		<input type="checkbox"/> (F7) Depleted Dark Surface		2.		
<input type="checkbox"/> (A5) Stratified Layers*		<input type="checkbox"/> (S8) Polyvalue Below Surface		<input type="checkbox"/> (F8) Redox Depression		3.		
<input type="checkbox"/> (A6) Organic Bodies		<input type="checkbox"/> (S9) Thin Dark Surface		<input type="checkbox"/> (F10) Marl		4.		
<input type="checkbox"/> (A7) 5cm Mucky Mineral*		<input type="checkbox"/> (S12) Barrier Islands 1cm Muck		<input type="checkbox"/> (F12) Iron-Manganese Masses		5.		
<input type="checkbox"/> (A8) Muck Presence*				<input type="checkbox"/> (F13) Umbric Surface		6.		
<input type="checkbox"/> (A9) 1cm Muck*				<input type="checkbox"/> (F22) Very Shallow Dark Surface				
<input type="checkbox"/> (A11) Depleted Below Dark Surface		* = 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.				
<input type="checkbox"/> (A12) Thick Dark Surface								
18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface? <input type="radio"/> Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) <input checked="" type="radio"/> No <input type="radio"/> Soil profile or site inaccessible								
19. Is one or more hydric soil field indicators present? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> 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="radio"/> Yes ← Which method(s)? <input type="radio"/> No <input type="radio"/> Inconclusive ← Why? (e.g., hydric soil definition, HSTS ² , indicator present at drier elevation, indicator would be present but for disturbance)								
20. Is the depth of the soil profile 20 inches or greater from the soil surface? <input type="radio"/> Yes <input checked="" type="radio"/> No If no, depth of soil profile is: 14 inches Why? Soil Limitations (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="radio"/> Above <input type="radio"/> Below <input checked="" type="radio"/> Not Observed								

22. Hydrologic Indicators: *As is under current conditions, without considering RSJ¹ or the legality of any alterations*

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
(1) Algal mats*				
(2) Aquatic mosses or liverworts*				
(3) Aquatic plants*				
(4) Aufwuchs*				
(5) Drift lines and rafted debris*				
(6) Elevated lichen lines*				
(7) Evidence of aquatic fauna				
(8) Hydrologic data*				
(9) Morphological plant adaptations*				
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*				

Highest water level indicator height at point: _____ inches ☐ Above Ground Surface ☐ No Water Level Indicators
☐ Above Soil Surface ☒ N/A (described point is Upland)

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? _____

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

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

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

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? _____
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 Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ☐ 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: 33—Ona fine sand, 0 to 2 percent slopes ☐ 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? _____
- b) Are there **authorized** or **legal** alterations affecting reliable soil evaluation at the described point? ☐ Yes ☐ No
 If yes, how? _____ (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? _____ (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?** _____

Point ID/Location: 28°00'23.5"N 82°06'21.4"W

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: 28°00'23.5"N 82°06'21.4"W

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)

#	Memory Card # / Metadata	Description, compass direction (if applicable)	Taken By
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

Notes:Reference inspection report for site photographs.

Lindsay Brock, CWF

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
- (d) 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.



FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

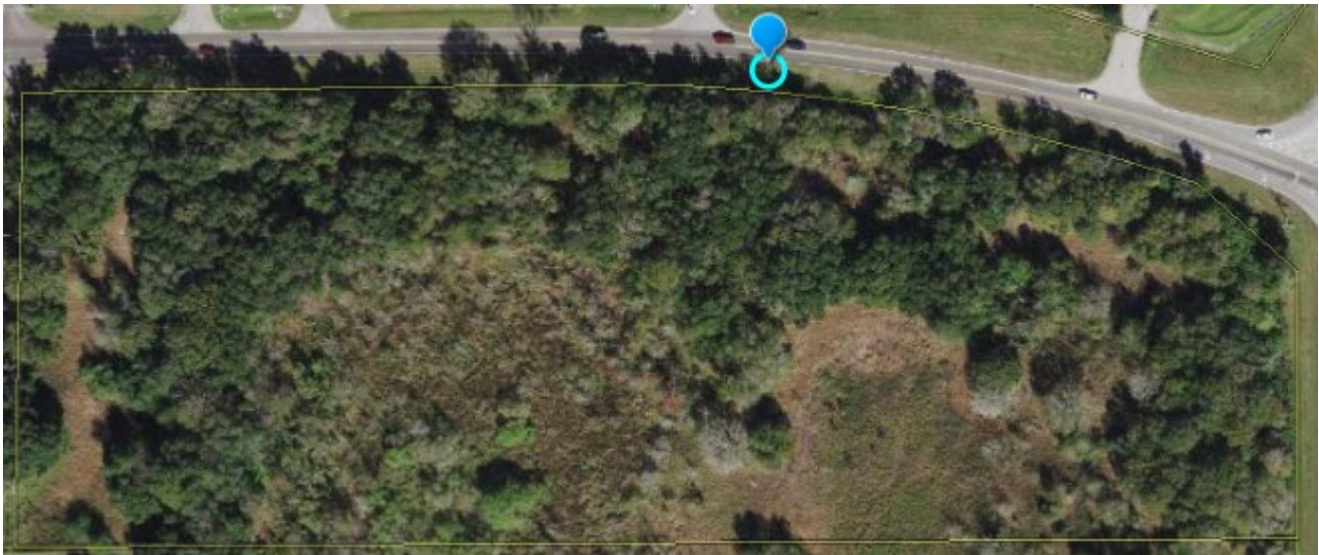
Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Interim Secretary

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Site Report

Address: 1909 Alsobrook Street, Plant City, FL 33563
File #: 401271-001
Project Name: 1909 Alsobrook St East
Inspection Date: July 29, 2021
Inspectors: Nikki Ross, Lindsay Brock.



Aerial of parcel on (State 404) MapDirect

Inspection Date: July 29, 2021
Inspectors: Nikki Ross, Lindsay Brock.

Page: 1 of 19

Inspection Photos

Image #:	1
Photo Description:	Upland plug point 1
Photo Location:	28°00'23.6"N 82°06'23.2"W



Image #:	2
Photo Description:	Upland plug point 1 6" cut
Photo Location:	28°00'23.6"N 82°06'23.2"W



Inspection Photos



Image #:	3
Photo Description:	Wetland 2 point 1
Photo Location:	28°00'23.6"N 82°06'23.2"W



Image #:	4
Photo Description:	Wetland 2 point 1 6" cut
Photo Location:	28°00'23.3"N 82°06'21.6"W



Inspection Photos

Image #:	5
Photo Description:	Decant test results from W-2 point 1; left clump is control and right clump is remaining sand after washing away organic materials.
Photo Location:	28°00'23.2"N 82°06'21.6"W
	
Image #:	6
Photo Description:	Decant test results from W-2 point 1; bottom clump is control and top clump is remaining sand after washing away organic materials.
Photo Location:	28°00'23.3"N 82°06'21.6"W
	

Inspection Photos

Image #:	7
Photo Description:	Adventitious rooting 3 feet west from W-2 point 1
Photo Location:	28°00'23.3"N 82°06'21.5"W



Image #:	8
Photo Description:	Tussocks on American Elm 10 feet south from W-2 point 1
Photo Location:	28°00'23.2"N 82°06'21.7"W



Inspection Photos

Image #:	9
Photo Description:	Aufwuchs in Wetland 2
Photo Location:	28°00'23.2"N 82°06'21.5"W



Image #:	10
Photo Description:	Watermark on juvenile laurel oak 20 feet northeast from W-2 point 1
Photo Location:	28°00'23.8"N 82°06'21.3"W



Inspection Photos


Image #:	11
Photo Description:	Wetland 2 point 2
Photo Location:	28°00'23.5"N 82°06'21.4"W



Image #:	12
Photo Description:	W-2 point 2 6" cut
Photo Location:	28°00'22.8"N 82°06'21.3"W



Inspection Photos

Image #:	13
Photo Description:	
Photo Location:	28°00'22.7"N 82°06'21.4"W
	
Image #:	14
Photo Description:	
Photo Location:	28°00'22.7"N 82°06'21.4"W
	

Inspection Photos

Image #:	15
Photo Description:	W-3 point 1
Photo Location:	28°00'24.5"N 82°06'24.6"W



Image #:	16
Photo Description:	W-3 +2-0 MM
Photo Location:	28°00'24.2"N 82°06'24.8"W



Inspection Photos

Image #:	17
Photo Description:	W-3 point 1 6" cut
Photo Location:	28°00'24.3"N 82°06'24.8"W



Image #:	18
Photo Description:	W-3 point 1 8" cut
Photo Location:	28°00'24.2"N 82°06'24.8"W



Inspection Photos

Image #:	19
Photo Description:	Watermark at 8" on Laurel Oak 8 feet west from W-3 point 1
Photo Location:	28°00'24.2"N 82°06'24.9"W



Image #:	20
Photo Description:	Elevated lichen line on laurel oak at 12" and 8 feet west from W-3 point 1
Photo Location:	28°00'24.4"N 82°06'24.9"W



Inspection Photos

Image #:	21
Photo Description:	Lint idols at base of laurel oak 8 feet west of W-3 point 1
Photo Location:	28°00'24.3"N 82°06'24.8"W



Image #:	22
Photo Description:	Multiple water marks throughout W-3 facing west
Photo Location:	28°00'24.4"N 82°06'24.8"W



Inspection Photos

Image #:	23
Photo Description:	Water at W-3 point 1 11" from soil surface
Photo Location:	28°00'24.2"N 82°06'25.0"W



Image #:	24
Photo Description:	W-3 point 2
Photo Location:	28°00'24.2"N 82°06'24.6"W



Inspection Photos

Image #:	25
Photo Description:	W-3 point 2 6" cut
Photo Location:	28°00'24.8"N 82°06'24.2"W



Image #:	26
Photo Description:	W-3 point 2 3" cut
Photo Location:	28°00'24.8"N 82°06'24.2"W



Inspection Photos

Image #:	27
Photo Description:	W-3 point 2 8" cut
Photo Location:	28°00'24.9"N 82°06'24.1"W



Image #:	28
Photo Description:	Water mark at 11" on Chinese tallow within OSW-2
Photo Location:	28°00'24.8"N 82°06'24.1"W



Inspection Photos

Image #:	29
Photo Description:	Standing water in OSW-2 facing northeast
Photo Location:	28°00'25.9"N 82°06'24.5"W



Image #:	30
Photo Description:	OSW-2 connecting to W-3 facing southwest. Photo showing buttressing on Laurel Oaks.
Photo Location:	28°00'25.9"N 82°06'24.5"W



Inspection Photos

Image #:	31
Photo Description:	W-3 connection to OSW-2 facing north
Photo Location:	28°00'24.8"N 82°06'25.3"W



Image #:	32
Photo Description:	Tussock on Laurel Oak in connection from OSW-2 to W-3
Photo Location:	28°00'24.9"N 82°06'25.3"W



Inspection Photos

Image #:	33
Photo Description:	W-3 connection to OSW-2 facing north
Photo Location:	28°00'24.9"N 82°06'25.4"W



Image #:	34
Photo Description:	OSW-2 connection to W-3 facing south; showing a Red Maple
Photo Location:	28°00'25.3"N 82°06'25.0"W



Inspection Photos

Image #:	35
Photo Description:	W-3 connection to OSW-2 facing north
Photo Location:	28°00'25.7"N 82°06'24.7"W



Digital Photo Log

Type of Camera Used: iPhone XR
Digital Recording Media: iPhone XR
Were Photos Altered?: No
Photographer: Nikki Ross

Information Required for a WOTUS Determination in State-assumed Waters

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 ((a)(1) waters)

(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) 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 ((a)(2) waters)

(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters)

(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination

Adjacent wetlands ((a)(4) waters)

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination

C. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))

Name	Size	(b) Exclusion	Rationale for Exclusion Determination
W-1	2.94 ac.	Non-adjacent wetland	Wetland does not maintain a connection to a navigable water downstream it is isolated within an upland
W-2	0.23 ac.	Non-adjacent wetland	Wetland does not maintain a connection to a navigable water downstream it is isolated within an upland
W-3	0.03ac.	Non-adjacent wetland	Wetland does not maintain a connection to a navigable water downstream it is isolated within an upland

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: **See wetland map, Delineation November 6, 2019**
- ☐ Aerial photographs: **Aerial Map, image source ESRI 2019**
- ☐ 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 Map, source NRCS 2001**
- ☐ USFWS NWI maps (Title(s) and/or date(s)): **NWI Map, source NWI Version 2 US Fish & Wildlife Service October 2016.**
- ☐ USGS topographic maps (Title(s) and/or date(s)): **Topographic Map, Plant City East USGA 1978**

Other data sources used to aid in this determination:

Data source	Name and/or date and other relevant information
USGS Sources	
USDA Sources	
NOAA Sources	
USACE Sources	
State/Local/Tribal Sources	
Other Sources	

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: **Wetlands within the property do not maintain a downstream connection to navigable waters. The wetlands are isolated within uplands.**

Wetlands reviewed and approved May 5, 2021 by:

**Gabriella Balsam
Staff Environmental Scientist
Environmental Resource Permit Bureau | Regulation Division
Southwest Florida Water Management District**



Image Source: ESRI 2021
Date: 4-23-21

0 250 500
Feet



Topographic Map
1909 East Alsobrook Street
Hillsborough County, Florida



WWW.ATLANTICECO.COM
904-347-9133 | jody@atlanticeco.com
201 Basque Rd | St. Augustine, FL 32080

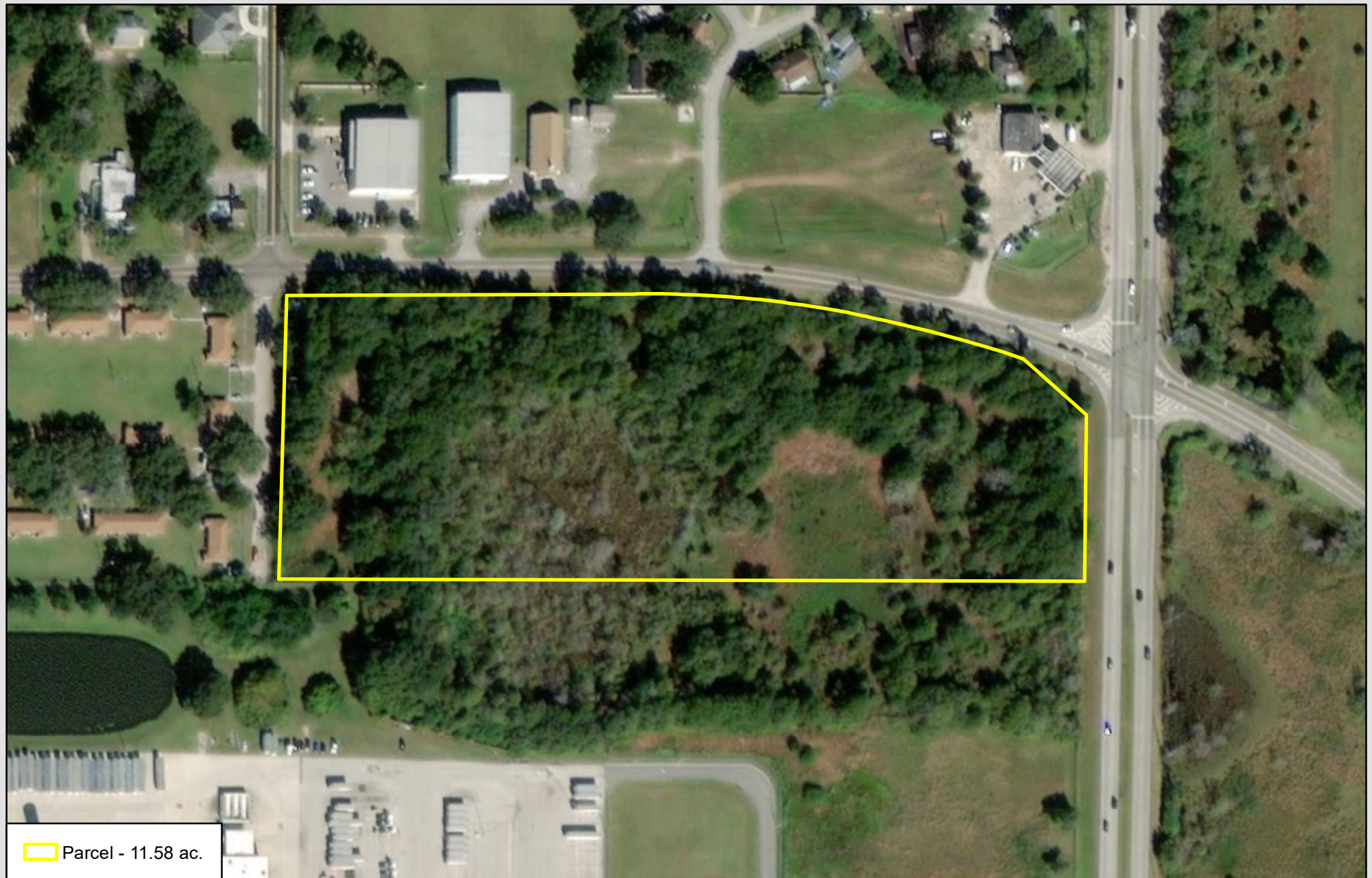


Image Source: ESRI 2019
Date: 9-28-20

0 100 200
Feet



Aerial Map
1909 East Alsobrook Street
Hillsborough County, Florida



WWW.ATLANTICECO.COM
904-347-9133 | jody@atlanticeco.com
201 Basque Rd | St. Augustine, FL 32080

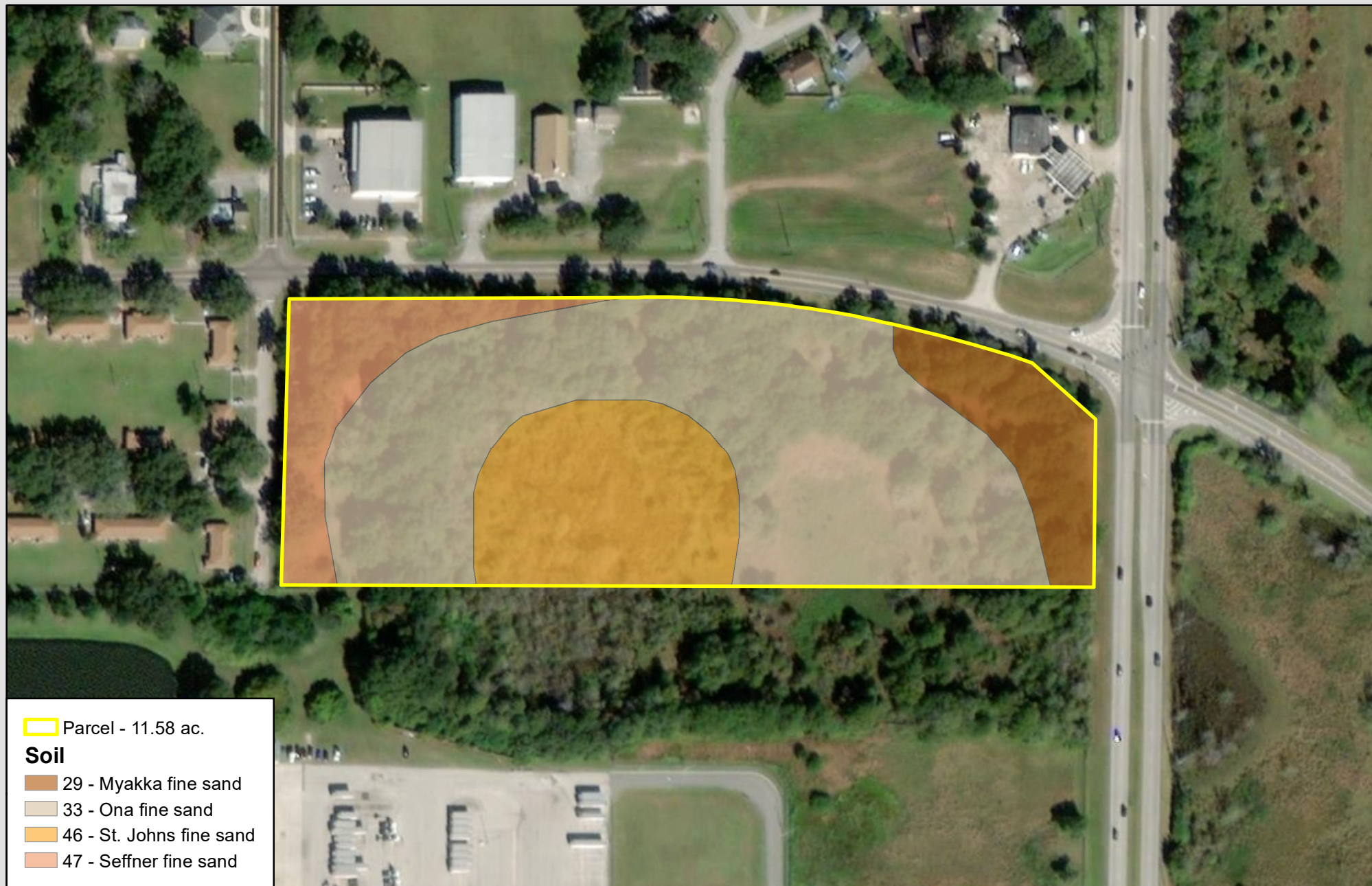


Image Source: ESRI 2019
Date: 9-28-20

0 100 200
Feet



Soil Map

1909 East Alsobrook Street
Hillsborough County, Florida



WWW.ATLANTICECO.COM
904-347-9133 | jody@atlanticeco.com
201 Basque Rd | St. Augustine, FL 32080

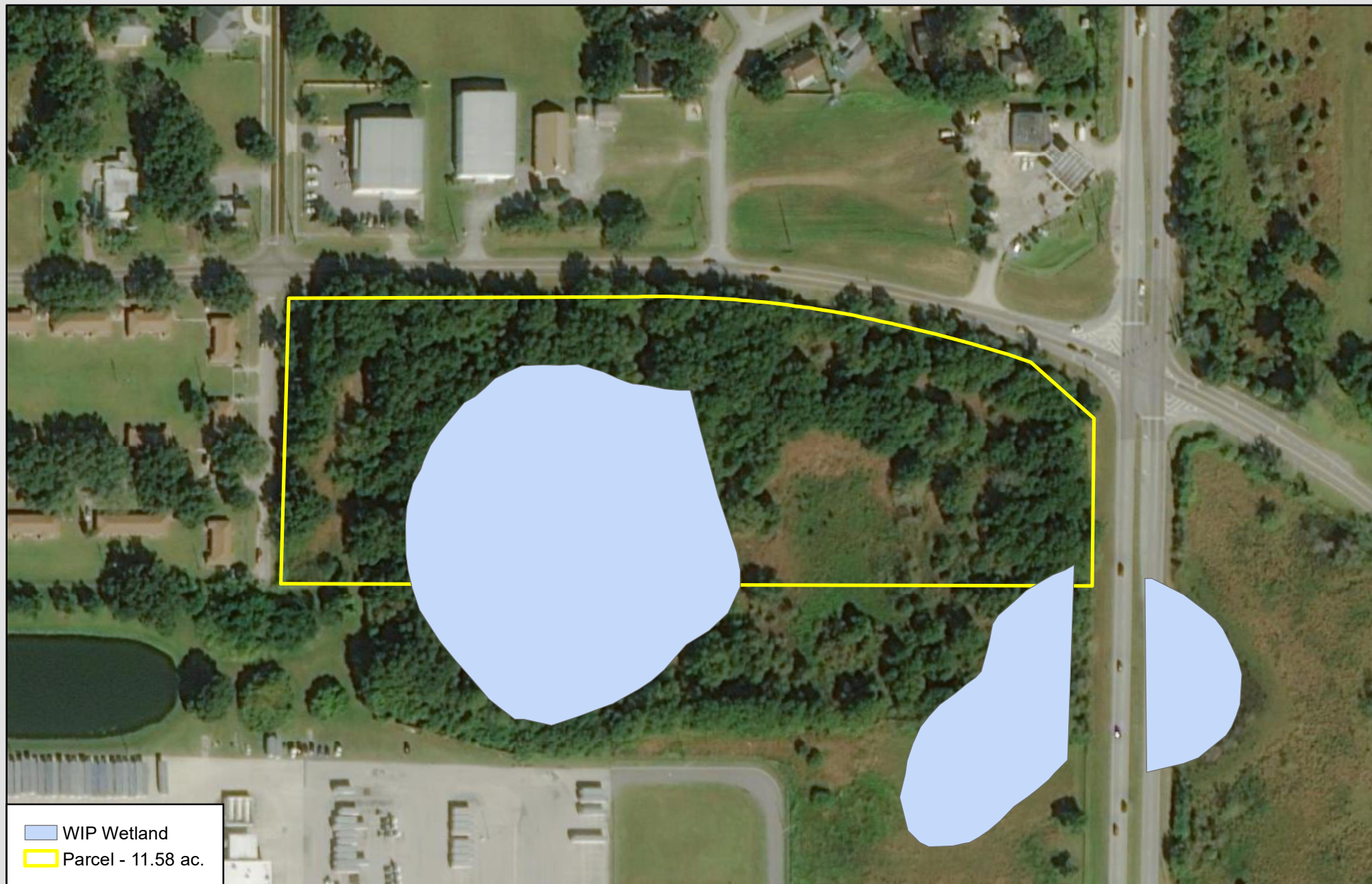


Image Source: ESRI 2019
Date: 4-23-21

0 100 200
Feet



NWI Map

1909 East Alsobrook Street
Hillsborough County, Florida



WWW.ATLANTICECO.COM
904-347-9133 | jody@atlanticeco.com
201 Basque Rd | St. Augustine, FL 32080

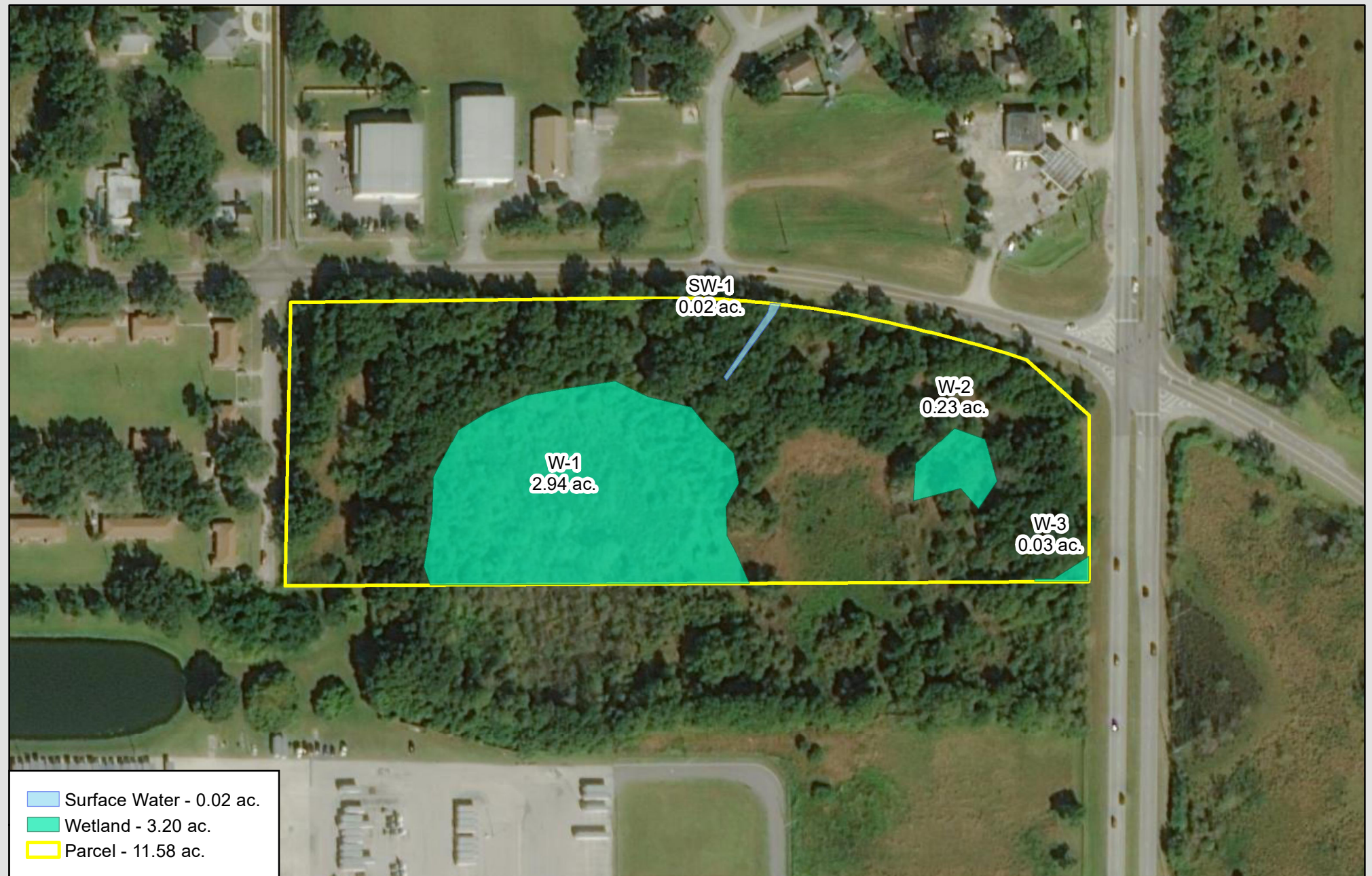


Image Source: ESRI 2019
Date: 6-7-21

0 100 200
Feet



Wetland Flag Map

1909 East Alsobrook Street
Hillsborough County, Florida



WWW.ATLANTICECO.COM
904-347-9133 | jody@atlanticeco.com
201 Basque Rd | St. Augustine, FL 32080

SURVEYOR'S REPORT

MAP OF BOUNDARY SURVEY AND WETLAND JURISDICTIONAL SURVEY :

SEE SHEET 2 OF 2 FOR MAP OF SURVEY. THE MAP AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.

LEGAL DESCRIPTION:
(SEE DATA SOURCE 2)

A parcel of land lying in the Southeast 1/4 of the Northeast 1/4 of Section 33, Township 28 South, Range 22 East, Hillsborough County, Florida, being more particularly described as follows:

Commencing at the Southeast corner of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence on the South boundary thereof run South 89°30'59" West, a distance of 50.00 feet to a point on the West right-of-way boundary of Park Street (C.R. 39-B); thence continue on said South boundary running South 89°30'59" West, a distance of 1262.15 feet to the Southwest corner of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence departing said South boundary and on the West boundary of the Southeast 1/4 of the Northeast 1/4 of said Section 33, run North 00°44'30" East, a distance of 663.97 feet to the Southeast corner of EAST PLANT CITY SUBDIVISION as recorded in Plat Book 7, Page 41, Public Records of Hillsborough County, Florida; thence along the East boundary of said EAST PLANT CITY SUBDIVISION, run North 00°44'38" East, a distance of 179.98 feet to the POINT OF BEGINNING; thence continue on said East boundary, North 00°44'38" East, a distance of 434.11 feet to a point on the South right-of-way boundary of Alsobrook Street (C.R. 574-A); thence departing said East boundary and on said South boundary, run North 89°28'17" East, a distance of 278.75 feet; thence North 89°26'17" East, a distance of 277.03 feet to the beginning of a curve concave Southerly, having a radius of 1859.86 and a central angle of 211°3'01"; thence along the arc of said curve 688.72 feet, said curve subtended by a chord which bears South 79°57'12" East, 684.79 feet, to the curve's end; thence South 42°01'51" East, a distance of 41.47 feet to the aforesaid West right-of-way boundary of Park Street (C.R. 39-B); thence departing said South right-of-way boundary of Alsobrook Street and on said West right-of-way boundary of Park Street, run South 00°37'40" West, a distance of 278.71 feet to a point 843.59 feet North of the South boundary of the Southeast 1/4 of the Northeast 1/4 of said Section 33; thence departing said West right-of-way boundary of Park Street run South 89°31'36" East, a distance of 1260.43 feet to point of beginning. LESS right-of-way for Alsobrook Street and LESS right-of-way for S.R. 39-B.

DATA SOURCES:

- BEARINGS ARE BASED UPON THE EAST LINE OF THE NORTHEAST 1/4 SECTION 33, TOWNSHIP 28 SOUTH, RANGE 22 EAST, S. 00°47'47" W. AS ESTABLISHED BASED ON STATE PLANE COORDINATES WEST ZONE AND IS SHOWN ON THE MAP OF SURVEY.
- THIS SURVEY WAS PREPARED WITH THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE, PREPARED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY COMMITMENT NUMBER 920180, COMMITMENT DATE: JULY 20, 2020 AT 11:00 P.M. THE LEGAL DESCRIPTION SHOWN HEREON IS AS IT APPEARS IN SAID COMMITMENT.
- SOURCE OF EASEMENT INFORMATION BEING SAID COMMITMENT REFERENCED IN DATA SOURCES 2.
- STATE PLANE COORDINATES ARE BASED FDOT FLORIDA PERMANENT REFERENCE NETWORK THEY WERE ESTABLISHED WITH GPS USING MULTIPLE OBSERVATIONS CONSISTING OF MORE THAN THREE MINUTES AT EACH POINT.
- THE RECORD PLAT OF EAST PLANT CITY SUBDIVISION, AS RECORDED IN PLAT BOOK 7, PAGE 41 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA, WAS UTILIZED IN THE PREPARATION OF THIS SURVEY.

SURVEYOR'S NOTES:

- USE OF THIS SURVEY BY ANYONE OTHER THAN THOSE PREPARED FOR/CERTIFIED TO, WILL BE THE RE-USERS SOLE RISK WITHOUT LIABILITY TO THE SURVEYOR.
- THE SIGNING PROFESSIONAL LAND SURVEYOR IS NOT RESPONSIBLE FOR ADDITIONAL EASEMENTS AND/OR RESTRICTIONS AFFECTING THIS PROPERTY THAT WERE NOT PROVIDED BY THE TITLE COMPANY REFERENCED IN DATA SOURCES 2.
- THE LOCATIONS OF THE UNDERGROUND UTILITIES AND / OR THEIR APPURTENANCES WERE PERFORMED BY A FIELD SURVEY AND ONLY LOCATED AS SHOWN ON THE FACE OF THE SURVEY. ONLY THE UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES WHICH WERE VISIBLE FROM GROUND LEVEL TO THE SURVEYOR ON THE ACTUAL DAY OF THE FIELD SURVEY WERE LOCATED. NO EXCAVATIONS OR SUBSURFACE WORK EFFORTS OF ANY KIND WERE PERFORMED BY THE SURVEYOR TO VERIFY THE EXISTENCE OF ANY UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES AND/OR THEIR APPURTENANCES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
- PRINTED DIMENSIONS SHOWN ON THE SURVEY SUPERSEDE SCALED DIMENSIONS. THERE MAY BE ITEMS DRAWN OUT OF SCALE TO GRAPHICALLY SHOW THEIR LOCATION.
- UNDERGROUND FOUNDATIONS AND THEIR LOCATIONS HAVE NOT BEEN DETERMINED.
- IRRIGATION EQUIPMENT AND/OR THEIR APPURTENANCES HAVE NOT BEEN LOCATED UNLESS OTHERWISE SHOWN HEREON.
- FIELD WORK WAS COMPLETED ON 05/23/20.
- NO INFORMATION FOR THE ADJOINING PROPERTY OWNERS WAS PROVIDED TO THE SURVEYOR.
- CALCULATED (C) GEOMETRY SHOWN HEREON WAS CALCULATED USING FIELD LOCATED POINTS.
- ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- ANGULAR AND/OR DIMENSIONAL DISCREPANCIES BETWEEN THE LEGAL DESCRIPTION(S) AND THE FIELD LOCATED OCCUPATION BOUNDARY CORNERS, AND BOUNDARY CORNERS WITH MULTIPLE BOUNDARY MONUMENTS ALONG WITH THEIR CORRESPONDING QUADRANT DIRECTIONAL MISSES, ARE SHOWN ON MAP OF SURVEY.
- THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "X", PER FLOOD INSURANCE RATE MAP, COMMUNITY NUMBER 120113, PANEL NUMBER 288, SUFFIX H , MAP NUMBER 12057C0288H, EFFECTIVE DATE AUGUST 28, 2008
- THE WETLAND WERE DELINEATED BY JODY SISK OF ATLANTIC ECOLOGICAL SERVICES AND FIELD LOCATED BY AVIDGROUP.

EASEMENTS/RIGHT-OF-WAYS:

THE FOLLOWING ARE PER SCHEDULE B -- SECTION 2 OF THE COMMITMENT REFERENCED IN DATA SOURCE 2

- Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the Public Records or attaching subsequent to the Commitment Date hereof but prior to the date the Proposed Insured acquires for value of record the estate or interest or Mortgage thereon covered by this Commitment.
RESPONSE TO ITEM 1: NON SURVEY ITEM
- General or special taxes and assessments required to be paid in the year 2020 and subsequent years.
 - Rights or claims of parties in possession not recorded in the Public Records.
 - Any encroachment, encumbrance, violation, variation or adverse circumstance that would be disclosed by an inspection or an accurate and complete land survey of the Land and inspection of the Land.
 - Easements or claims of easements not recorded in the Public Records.
 - Any lien, or right to a lien, for services, labor or material furnished, imposed by law and not recorded in the Public Records.
RESPONSE TO ITEM 2 (a),(b),(d) and (e): NON SURVEY ITEMS
RESPONSE TO ITEM 2(c): SEE MAP OF SURVEY
 - Any Owner's Policy issued pursuant hereto will contain under Schedule B the following exception: Any adverse ownership claim by the State of Florida by right of sovereignty to any portion of the Land insured hereunder, including submerged, filled and artificially exposed lands, and lands accreted to such lands.
RESPONSE TO ITEM 3: NON SURVEY ITEM
 - Any lien provided by County Ordinance or by Chapter 159, F.S., in favor of any city, town, village or port authority, for unpaid service charges for services by any water systems, sewer systems or gas systems serving the land described herein; and any lien for waste fees in favor of any county or municipality.
RESPONSE TO ITEM 4: NON SURVEY ITEM
 - Rights of the lessees under unrecorded leases.
RESPONSE TO ITEM 5: NON SURVEY ITEM

PREPARED FOR:

ALSOBROOK & PARK HOLDINGS, LLC

CERTIFIED TO:

MAXX ALSOBROOK PARTNERS, LLC
PRIVATE LENDING RESOURCES, LLC
MAXX DEVELOPMENT PARTNERS, LLC
OLD REPUBLIC NATIONAL TITLE INSURANCE
ALSOBROOK & PARK HOLDINGS, LLC
ATTORNEYS' TITLE FUND SERVICES, LLC
CIRCLE K STORES INC.

SURVEYOR IN RESPONSIBLE CHARGE:

JOHN L. WABY
PROFESSIONAL LAND SURVEYOR
LICENSE NUMBER PLS 4270
STATE OF FLORIDA

SYMBOLS LEGEND

- Aerial Target
- Air Release Valve
- Bench Mark
- Back Flow Preventor
- Cable TV Paint Stripe
- Cable TV Box
- Cable TV Pedestal
- Communications Manhole
- Concrete Light Pole
- Concrete Post
- Concrete Utility Pole
- Drainage Manhole
- Electric Box
- Electric Manhole
- Electric Meter
- Electric Transformer
- FPC Pedestal
- Fire Hydrant
- Flag Pole
- Gas Line Marker
- Gas Filler Cap
- Gas Valve
- Gas Meter Box
- Gas Line Paint Stripe
- Gas Vent
- Gopher Tortoise Hole
- Grate Inlet
- Guy Wire
- Handicapped
- Light Pole
- Mail Box
- Metal Post
- Monitor Well
- Parking Meter
- Power Paint Stripe

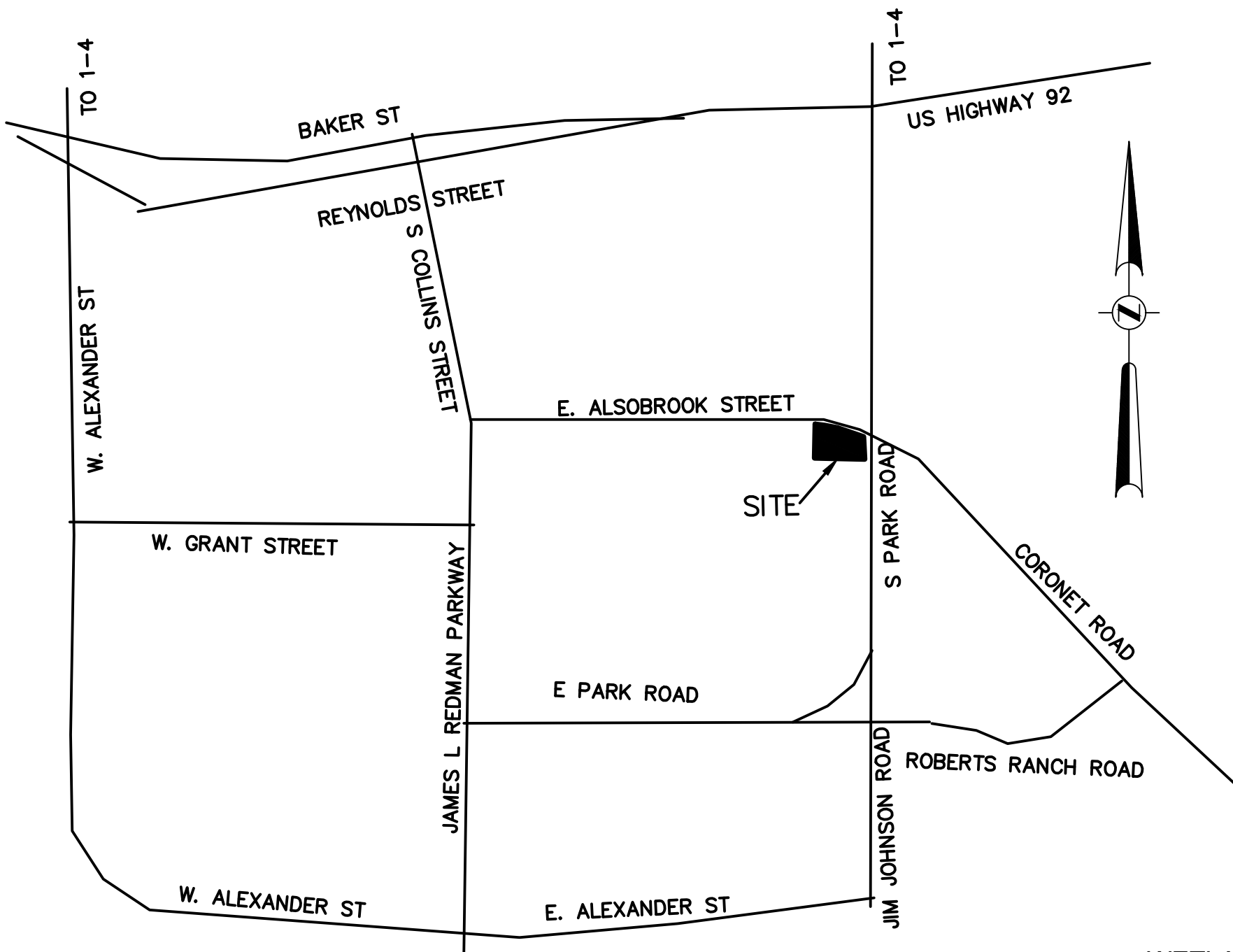
- Reclaimed Water Paint Stripe
- Reclaimed Water Box
- Reclaimed Water Valve
- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- Sanitary Sewer Paint Stripe
- Section Corner
- Siamese Connection
- Sign
- Sprinkler Control Box
- Sprinkler Head
- Steel Transmission Pole
- Storm Water Paint Stripe
- Telephone Pedestal
- Telephone Manhole
- Telephone Paint Stripe
- Telephone Marker
- Traffic Signal Box
- Traffic Signal Pole
- Underground Cable Marker
- Verizon Box
- Verizon Marker
- Water Blow Off Valve
- Water Line Marker
- Water Line Paint Stripe
- Water Meter
- Water Valve
- Well
- Wood Utility Pole
- Wood Light Pole
- Wood Post/Pole
- Wood Transmission Pole

- Point of Elevation
- Calculated Dimension from Structure to Boundary / Right-of-Way Line

- FOUND 5/8" IRON ROD WITH CAP "AVID LB 7345"
- SIR, SET 5/8" IRON ROD WITH CAP "AVID LB 7345" (UNLESS OTHERWISE NOTED)
- FCM, FOUND CONCRETE MONUMENT 4"x4" WITH DISK MARKED "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- SQM PRM, SET CONCRETE MONUMENT 4"x4" WITH DISK MARKED "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- SN&D PRM, SET NAIL AND DISK "PRM LB 7345" (UNLESS OTHERWISE NOTED)
- POP, SET NAIL AND DISK "PCP LB 7345" (UNLESS OTHERWISE NOTED)
- CENTRAL ANGLE

ABBREVIATIONS LEGEND

- AC = Acres
- A/C = Air Conditioner
- ADW = Asphalt Driveway
- ARC = Arc Distance (Length)
- ASPH = Asphalt
- BC = Back of Curb
- BCCM = Board of County Commissioners Minutes Book
- BFPD = Back Flow Prevention Device
- BLDG = Building
- BNDY = Boundary
- BWF = Barb Wire Fence
- (C) = Calculated Data
- C/C = Covered Concrete
- CB = Chord Bearing
- CCCL = Coastal Construction Control Line
- CCR = Certified Corner Record
- CDW = Concrete Driveway
- CI = Curb Inlet
- CL = Center Line
- CH = Chord Length
- CLF = Chain Link Fence
- CLS = Centerline Swale
- CM = Concrete Monument
- COP = Corrugated Metal Pipe
- CO = Clean out
- CON = Concrete
- COR = Corner
- CPB = Condo Plat Book
- C/S = Concrete Slab
- CTS = Control Structure
- (D) = Dead
- DB = Dead Book
- DCVA = Double Check Valve Assembly
- DEPT = Department
- DIA = Diameter
- DIP = Ductile Iron Pipe
- DMH = Drainage Manhole
- DS = Down Spout
- DW = Driveway
- E = East
- ECMP = Elliptical Corrugated Metal Pipe
- EL = Elevation
- EOW = Edge of Water
- EP = Edge of Pavement
- ERCP = Elliptical Reinforced Concrete Pipe
- ESMT = Easement
- (F) = Field Data
- FCM = Found Concrete Monument
- FDOT = Florida Department of Transportation
- FH = Fire Hydrant
- FIP = Found Iron Pipe
- FIR = Found Iron Rod
- FL = Flow Line
- FND = Found
- FN&D = Found Nail and Disk
- FFE = Finished Floor Elevation
- FN&TT = Found Nail and Tin Tab
- FOP = Found Open End Iron Pipe
- FPB = Florida Power Corporation Box
- FPC = Florida Power Corporation
- FPP = Found Pinched Iron Pipe
- FRRS = Found Railroad Spike
- FT = Feet
- F/T = Fence Tie
- FXC = Found X-cut
- GI = Grate Inlet
- GPS = Global Positioning System
- GT = Gopher Tortoise Hole
- GV = Gas Valve
- HC = Handicapped
- IC = Illegible cap
- ID = Identification
- IE = Invert Elevation
- INV = Invert
- JD = Jurisdictional
- (L) = Legal Description
- LB = Licensed Business Number
- LF = Linear Feet
- LP = Light Pole
- LS = Licensed Surveyor
- MAS = Masonry
- MES = Mitered End Section
- MH = Manhole
- MHW = Mean High Water
- MOL = More or Less
- N = North
- N/C = No Cap
- N/F = Not Found
- NAD = North American Datum
- NAVD = North American Vertical Datum
- NGS = National Geodetic Survey
- NGVD = National Geodetic Vertical Datum
- NP = Normal Pool Elevation
- (NR) = Non Radial
- O/A = Overall
- OHW = Overhead Wire(s)
- ORB = Official Record Book
- OSW = Other Surface Water
- (P) = Plat Book XX Page XX
- PB = Plat Book
- PC = Point of Curvature
- PCP = Permanent Control Point
- PG(S) = Pages
- PI = Point of Intersection
- PL = Property Line
- PLS = Professional Land Surveyor
- PGB = Point of Beginning
- POC = Point of Commencement
- POL = Point on Line
- PRM = Permanent Reference Monument
- PSM = Professional Surveyor and Mapper
- PT = Point of Tangency
- PVC = Polyvinyl Chloride Pipe
- PWL = Painted White Line
- PYL = Painted Yellow Line
- (R) = Recorded Data
- R = Radius
- RCP = Reinforced Concrete Pipe
- RD = Roof Drain
- RNG = Range
- R/W = Right of Way
- S = South
- SCM = Set Concrete Monument, 4"x4", "PRM LB 7345"
- SEC = Section
- SHW = Seasonal High Water Elevation
- SIR = Set 5/8" Iron Rod and Cap, "AVID LB 7345"
- SIR(W) = Set 5/8" Iron Rod and Cap, "WIT COR LB 7345"
- SMH = Sanitary Manhole
- SN&D = Set Nail and Disk, "AVID LB 7345"
- SN&D(W) = Set Nail and Disk, "WIT COR LB 7345"
- SQ = Square
- SR = State Road
- STY = Story
- SW = Sidewalk
- TBM = Temporary Benchmark
- TOB = Top of Bank
- TOS = Toe of Slope
- TPS = Traffic Paint Stripe
- TRANS = Transformer
- TRV = Traverse
- (TYP) = Typical
- TWP = Township
- U/P = Utility Pole
- VCP = Vitrified Clay Pipe
- W = West
- W/ = With
- WDF = Wood Fence
- WIT = Witness
- W/T = Wall Tie
- WV = Water Valve



WETLAND AREAS

OVERALL	515,805	SQ.FT.	OR	11.8413	ACRES
WETLAND 1R	1,268	SQ.FT.	OR	0.0291	ACRES
WETLAND 2	10,074	SQ.FT.	OR	0.2313	ACRES
WETLAND 3R	128,065	SQ.FT.	OR	2.9400	ACRES
DITCH 1	1172	SQ.FT.	OR	0.0269	ACRES
DITCH 2	995	SQ.FT.	OR	0.0228	ACRES
REMAINING UPLAND	374,222	SQ.FT.	OR	8.5910	ACRES

VICINITY MAP
-NOT TO SCALE-

1909 EAST ALSOBROOK STREET
HILLSBOROUGH COUNTY, FLORIDA
BOUNDARY SURVEY
WETLAND JURISDICTIONAL SURVEY

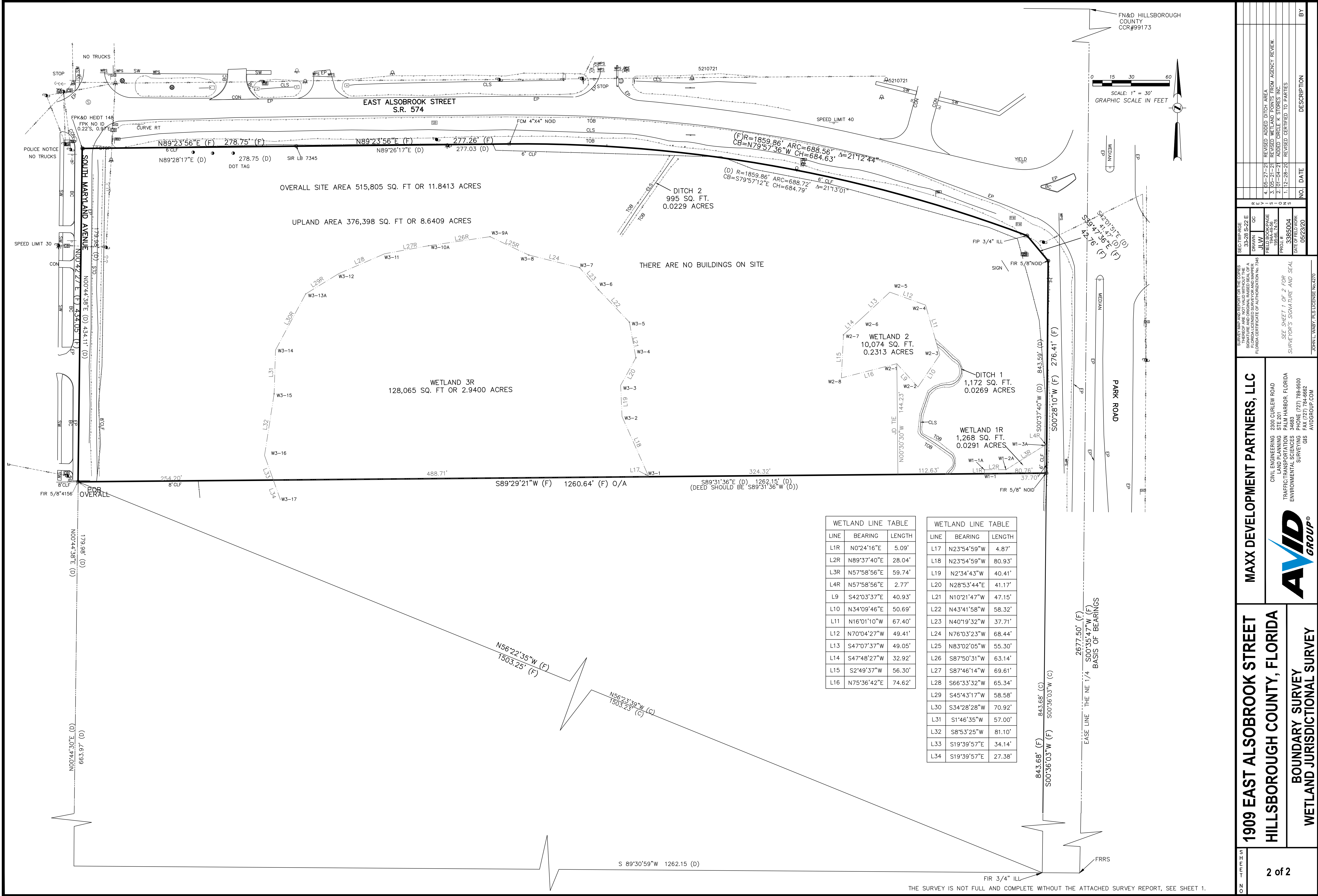
MAXX DEVELOPMENT PARTNERS, LLC
CIVIL ENGINEERING 2300 CULWELL ROAD
LAND PLANNING STE 201
TRAFFIC/TRANSPORTATION PALM HARBOR, FLORIDA
ENVIRONMENTAL SERVICES 34683
SURVEYING PHONE (727) 789-9500
GIS FAX (727) 784-6662
AVID GROUP, LLC
AVID GROUP, LLC

1 of 2

SECTION 33-28 S-22 E
RANGE 22 EAST
TOWNSHIP 28 SOUTH
SECTION 33
REVISIONS
4. 05-27-21
3. 05-21-21
2. 01-04-21
1. 12-28-20
REVISED ADDED DITCH AREA
REVISED WETLAND POINTS FROM AGENCY REVIEW
REVISED CIRCLE K STORES INC.
REVISED CERTIFIED TO PARTIES
NO. DATE
06/23/20

SECTION 33-28 S-22 E
RANGE 22 EAST
TOWNSHIP 28 SOUTH
SECTION 33
REVISIONS
4. 05-27-21
3. 05-21-21
2. 01-04-21
1. 12-28-20
REVISED ADDED DITCH AREA
REVISED WETLAND POINTS FROM AGENCY REVIEW
REVISED CIRCLE K STORES INC.
REVISED CERTIFIED TO PARTIES
NO. DATE
06/23/20

SECTION 33-28 S-22 E
RANGE 22 EAST
TOWNSHIP 28 SOUTH
SECTION 33
REVISIONS
4. 05-27-21
3. 05-21-21
2. 01-04-21
1. 12-28-20
REVISED ADDED DITCH AREA
REVISED WETLAND POINTS FROM AGENCY REVIEW
REVISED CIRCLE K STORES INC.
REVISED CERTIFIED TO PARTIES
NO. DATE
06/23/20



WETLAND LINE TABLE		
LINE	BEARING	LENGTH
L1R	N0°24'16"E	5.09'
L2R	N89°37'40"E	28.04'
L3R	N57°58'56"E	59.74'
L4R	N57°58'56"E	2.77'
L9	S42°03'37"E	40.93'
L10	N34°09'46"E	50.69'
L11	N16°01'10"W	67.40'
L12	N70°04'27"W	49.41'
L13	S47°07'37"W	49.05'
L14	S47°48'27"W	32.92'
L15	S2°49'37"W	56.30'
L16	N75°36'42"E	74.62'

WETLAND LINE TABLE		
LINE	BEARING	LENGTH
L17	N23°54'59"W	4.87'
L18	N23°54'59"W	80.93'
L19	N2°34'43"W	40.41'
L20	N28°53'44"E	41.17'
L21	N10°21'47"W	47.15'
L22	N43°41'58"W	58.32'
L23	N40°19'32"W	37.71'
L24	N76°03'23"W	68.44'
L25	N83°02'05"W	55.30'
L26	S87°50'31"W	63.14'
L27	S87°46'14"W	69.61'
L28	S66°33'32"W	65.34'
L29	S45°43'17"W	58.58'
L30	S34°28'28"W	70.92'
L31	S1°46'35"W	57.00'
L32	S8°53'25"W	81.10'
L33	S19°39'57"E	34.14'
L34	S19°39'57"E	27.38'

SECTION: 33-28 S-22 E

DRAWN: JLV

DATE: 05/23/20

REVISIONS:

4. 05-27-21 REVISED ADDED DITCH AREA

3. 05-21-21 REVISED WETLAND POINTS FROM AGENCY REVIEW

2. 01-04-21 ADDED ORACLE K STORES INC.

1. 12-28-20 REVISED CERTIFIED TO PARTIES

PROJECT: 3385004

DATE: 05/23/20

SEE SHEET 1 OF 2 FOR SURVEYOR'S SIGNATURE AND SEAL

DATE: 05/23/20

MAXX DEVELOPMENT PARTNERS, LLC

CIVIL ENGINEERING 2300 CURELW ROAD
LAND PLANNING STE 201
TRAFFIC/TRANSPORTATION PALM HARBOR, FLORIDA
ENVIRONMENTAL SCIENCES 34683
SURVEYING PHONE (727) 789-9500
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AVID GROUP CO. INC.

1909 EAST ALSOBROOK STREET
HILLSBOROUGH COUNTY, FLORIDA

BOUNDARY SURVEY
WETLAND JURISDICTIONAL SURVEY

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