



This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 28 August 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Jacksonville District, SAJ-2019-00560-Arbour Lakes

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: FL County/parish/borough: Sarasota City:
Approximate center coordinates of site (in degree decimal format): Latitude: 27.322838°, Longitude: -82.396358°
Universal Transverse Mercator Zone:
Name of nearest waterbody: Philippe Creek
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows:
Name of watershed or Hydrologic Unit Code (HUC): 0310020102—Little Sarasota Bay Frontal
[X] Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
[] Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

[X] Office (Desk) Determination – Date: 28 August 2019
[X] Field Determination – Date(s): 27 June 2019

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

- [] Waters subject to the ebb and flow of the tide.
[] Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are no "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area (check all that apply): 1

- [] TNWs, including territorial seas
[] Wetlands adjacent to TNWs
[] Relatively permanent waters2 (RPWs) that flow directly or indirectly into TNWs
[] Non-RPWs that flow directly or indirectly into TNWs
[] Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
[] Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
[] Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
[] Impoundments of jurisdictional waters
[] Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: linear feet: width (ft) and/or acres
Wetlands: acres

c. Limits (boundaries) of jurisdiction based on: Pick List

Elevation of established OHWM (if known):

2. Non-regulated waters/wetlands (check if applicable):3

[X] Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.
Explain: The review area contains 0.358 acre of shallow stock watering ponds and 1.382 acres of shallow ditches. The ponds and ditches were excavated in approximately 2010 in improved pasture which was formerly agricultural row crops. The ditches are swale-like, lacking a well-defined bed, bank and ordinary high water mark and are not

1 Boxes checked below shall be supported by completing the appropriate sections in Section III below.

2 For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

3 Supporting documentation is presented in Section III.F.

considered tributaries. These features are non-jurisdictional based on the preamble to 33 CFR Part 328 in the November 13, 1986, Federal Register (51 FR 41217, Section 328.3) and agency guidance post *Rapanos v. United States*.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW

Identify TNW:

Summarize rationale supporting determination:

2. Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is "adjacent":

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months) if there is a significant nexus. A wetland that directly abuts an RPW is also jurisdictional if there is a significant nexus. A wetland that is adjacent to but that does not directly abut an RPW also requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary (and its adjacent wetlands if any) and a traditional navigable water.

If a significant nexus is required, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If a significant nexus is required, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:

Watershed size: **Pick List**

Drainage area: **Pick List**

Average annual rainfall: inches

Average annual snowfall: inches

(ii) Physical Characteristics:

(a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.

Project waters are **Pick List** river miles from RPW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Project waters are **Pick List** aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries. Explain:

Identify flow route to TNW⁴:

Tributary stream order, if known:

(b) General Tributary Characteristics (check all that apply):

⁴ Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

Tributary is: Natural
 Artificial (man-made). Explain:
 Manipulated (man-altered). Explain:

Tributary properties with respect to top of bank (estimate):

Average width: feet
Average depth: feet
Average side slopes: **Pick List**.

Primary tributary substrate composition (check all that apply):

Silts Sands Concrete
 Cobbles Gravel Muck
 Bedrock Vegetation. Type/% cover:
 Other. Explain:

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain:

Presence of run/riffle/pool complexes. Explain:

Tributary geometry: **Pick List**

Tributary gradient (approximate average slope): %

(c) **Flow:**

Tributary provides for: **Pick List**

Estimate average number of flow events in review area/year: **Pick List**

Describe flow regime:

Other information on duration and volume:

Surface flow is: **Pick List**. Characteristics:

Subsurface flow: **Pick List**. Explain findings:

Dye (or other) test performed:

Tributary has (check all that apply):

Bed and banks
 OHWM⁵ (check all indicators that apply):
 clear, natural line impressed on the bank the presence of litter and debris
 changes in the character of soil destruction of terrestrial vegetation
 shelving the presence of wrack line
 vegetation matted down, bent, or absent sediment sorting
 leaf litter disturbed or washed away scour
 sediment deposition multiple observed or predicted flow events
 water staining abrupt change in plant community
 other (list):
 Discontinuous OHWM.⁶ Explain:

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

High Tide Line indicated by: Mean High Water Mark indicated by:
 oil or scum line along shore objects survey to available datum;
 fine shell or debris deposits (foreshore) physical markings;
 physical markings/characteristics vegetation lines/changes in vegetation types.
 tidal gauges
 other (list):

(iii) **Chemical Characteristics:**

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Explain:

Identify specific pollutants, if known:

(iv) **Biological Characteristics. Channel supports (check all that apply):**

Riparian corridor. Characteristics (type, average width):
 Wetland fringe. Characteristics:
 Habitat for:

⁵A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

⁶Ibid.

- Federally Listed species. Explain findings:
- Fish/spawn areas. Explain findings:
- Other environmentally-sensitive species. Explain findings:
- Aquatic/wildlife diversity. Explain findings:

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: _____ acres

Wetland type. Explain:

Wetland quality. Explain:

Project wetlands cross or serve as state boundaries. Explain:

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain:

Surface flow is: **Pick List**

Characteristics:

Subsurface flow: **Pick List**. Explain findings:

Dye (or other) test performed:

(c) Wetland Adjacency Determination with Non-TNW:

Directly abutting

Not directly abutting

Discrete wetland hydrologic connection. Explain:

Ecological connection. Explain:

Separated by berm/barrier. Explain:

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List**.

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:

Identify specific pollutants, if known:

(iii) Biological Characteristics. Wetland supports (check all that apply):

Riparian buffer. Characteristics (type, average width):

Vegetation type/percent cover. Explain:

Habitat for:

Federally Listed species. Explain findings:

Fish/spawn areas. Explain findings:

Other environmentally-sensitive species. Explain findings:

Aquatic/wildlife diversity. Explain findings:

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately _____ acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)

Size (in acres)

Directly abuts? (Y/N)

Size (in acres)

Summarize overall biological, chemical and physical functions being performed:

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:
2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
3. **Significant nexus findings for an RPW where the RPW flows directly or indirectly into a TNW.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:
4. **Significant nexus findings for wetlands adjacent to an RPW where the RPW flows directly or indirectly into a TNW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
 TNWs: linear feet width (ft), Or, acres.
 Wetlands adjacent to TNWs: acres.
2. **RPWs that flow directly or indirectly into TNWs.**
 Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial:
 Tributaries of TNW where tributaries have continuous flow “seasonally” (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally:

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).
 - Other non-wetland waters: acres.
- Identify type(s) of waters:

3. **Non-RPWs⁷ that flow directly or indirectly into TNWs.**
 Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

- Tributary waters: linear feet width (ft).

⁷See Footnote # 3.

- Other non-wetland waters: acres.
Identify type(s) of waters: .

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.

- Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
 Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .
 Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.

- Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.

- Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. Impoundments of jurisdictional waters.⁸

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

- Demonstrate that impoundment was created from "waters of the U.S.," or
 Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
 Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):⁹

- which are or could be used by interstate or foreign travelers for recreational or other purposes
 from which fish or shellfish are or could be taken and sold in interstate or foreign commerce
 which are or could be used for industrial purposes by industries in interstate commerce
 Interstate isolated waters - Explain:
 Other factors - Explain:

Identify water body and summarize rationale supporting determination:

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).
 Other non-wetland waters: acres.
Identify type(s) of waters: .
 Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):

- If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
 Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
 Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
 Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
 Other: (explain, if not covered above): **The review area contains 0.358 acre of shallow stock watering ponds and 1.382 acres of shallow ditches. The ponds and ditches were excavated in approximately 2010 in improved pasture which was formerly**

⁸ To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

⁹ Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

agricultural row crops. The ditches are swale-like, lacking a well-defined bed, bank and ordinary high water mark and are not considered tributaries. These features are non-jurisdictional based on the preamble to 33 CFR Part 328 in the November 13, 1986, Federal Register (51 FR 41217, Section 328.3) and agency guidance post *Rapanos v. United States*.

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture; i.e., SWANCC Decision), using best professional judgment (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard (i.e., Rapanos Decision), where such a finding is required for jurisdiction (check all that apply):

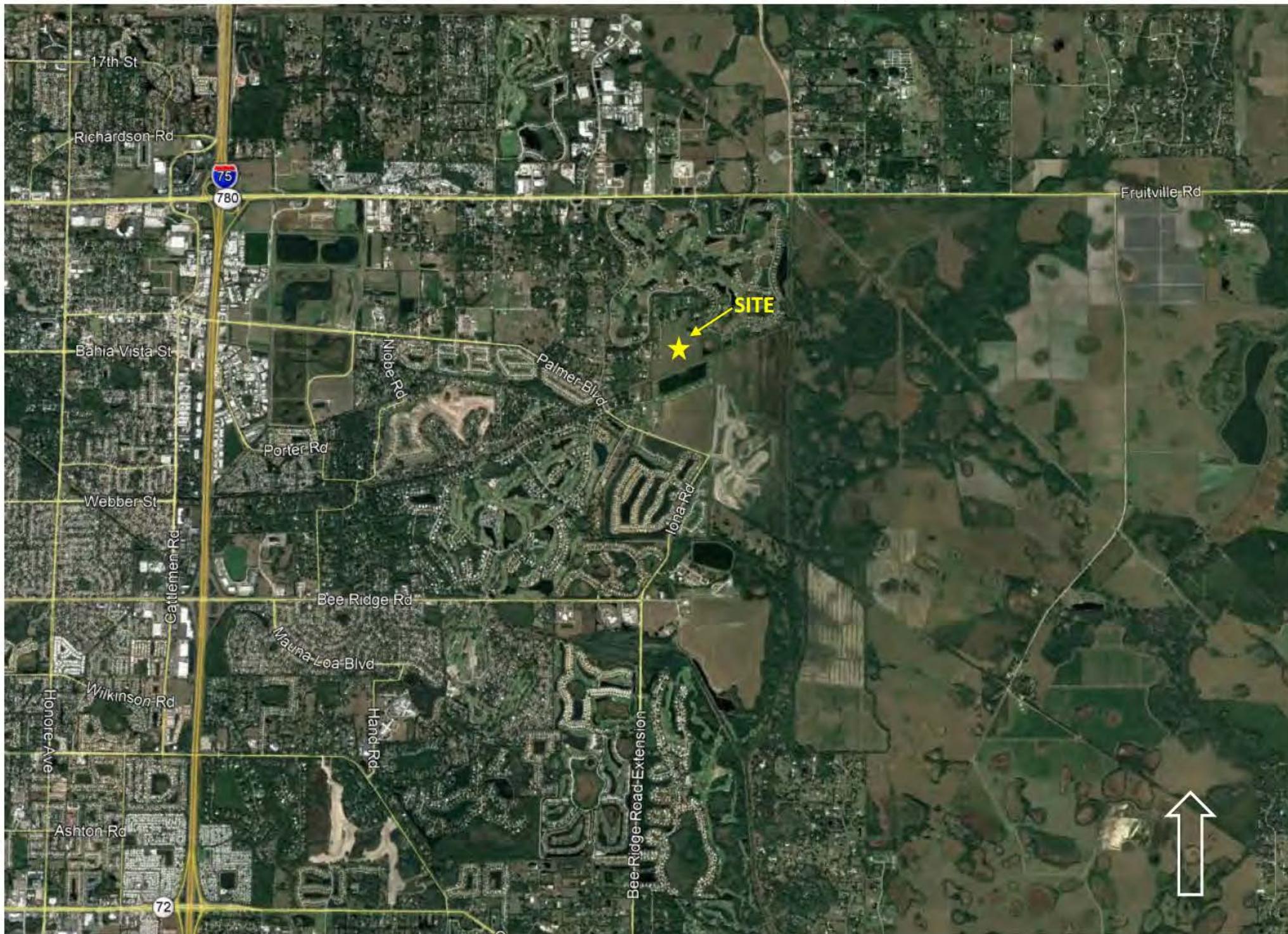
- Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 - Office concurs with data sheets/delineation report.
 - Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps:
- Corps navigable waters' study:
- U.S. Geological Survey Hydrologic Atlas:
 - USGS NHD data
 - USGS 8 and 12 digit HUC maps
- U.S. Geological Survey map(s). Cite scale & quad name:
- USDA Natural Resources Conservation Service Soil Survey:
- National wetlands inventory map(s):
- State/Local wetland inventory map(s):
- FEMA/FIRM maps:
- 100-year Floodplain Elevation:
- Photographs: Aerial: 1948 and 1957 aerials obtained from <http://ufdc.ufl.edu/aerials/map>; Google Earth aerials years 1995-2019 or Other: Site photos submitted by consultant (2018); site photos from Southwest Florida Water Management District (2018); site photos from Corps site visit (27 June 2019)
- Previous determination(s):
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify): Southwest Florida Water Management District field report and environmental worksheet dated 25 May 2018, obtained from public access site: <http://www18.swfwmd.state.fl.us/Erp/Export/ViewDoc/vz1tscvw.pdf>

B. ADDITIONAL COMMENTS TO SUPPORT JD:



VICINITY MAP

FLUCFCS KEY

- 190 OPEN LAND
- 211 IMPROVED PASTURES
- 510 STREAM AND WATERWAYS (DITCHES)
- 524 LAKES (LESS THAN 10 ACRES)



IT IS ESTIMATED THAT NO ACOE JURISDICTIONAL FEATURES EXIST ON THIS SITE

NOTES:

OSW: Other Surface waters

1. Based on the Florida Land Use, Cover & Forms Classification System (FLUCFCS)

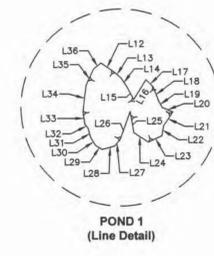
2. All information depicted on this exhibit is conceptual and approximate only, subject to approval by pertinent government agencies.



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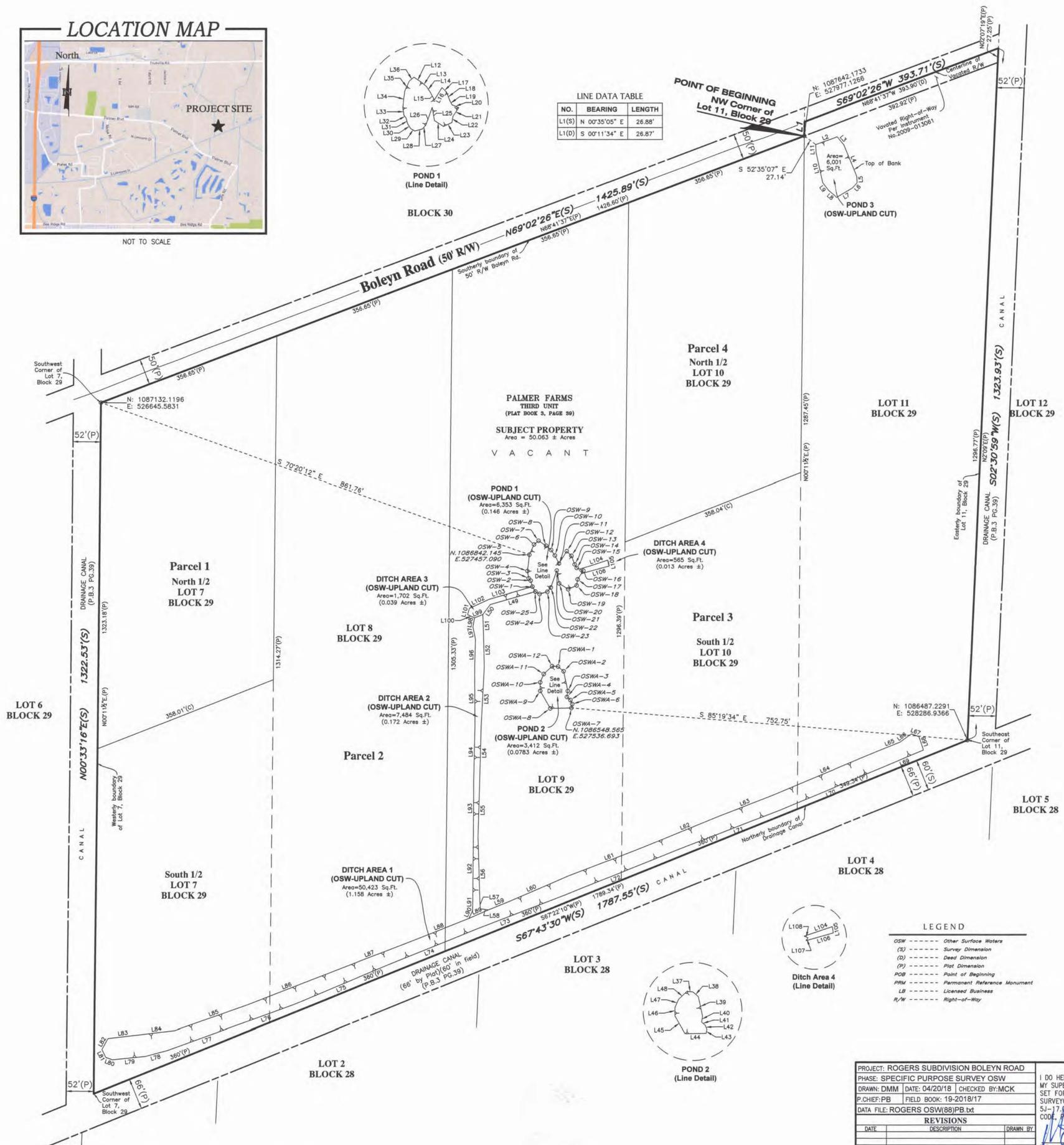
ARBOUR LAKE
SARASOTA COUNTY, FLORIDA

CONCEPTUAL FLUCFCS MAP
FEBRUARY 3, 2019



LINE DATA TABLE

NO.	BEARING	LENGTH
L1(S)	N 00°35'05" E	26.88'
L1(O)	S 00°11'34" E	26.87'



POND 1 LINE DATA TABLE

NO.	BEARING	LENGTH
L12	S 56°03'03" E	17.29'
L13	S 49°41'44" E	12.47'
L14	S 33°41'42" E	12.62'
L15	S 27°16'48" E	17.45'
L16	N 31°13'14" E	27.85'
L17	S 44°39'16" E	12.55'
L18	S 20°47'43" E	17.83'
L19	S 28°00'09" E	8.43'
L20	S 66°28'59" E	13.71'
L21	S 33°15'29" W	19.94'
L22	S 09°51'18" W	11.94'
L23	S 65°30'11" W	17.55'
L24	N 56°50'09" W	20.37'
L27	S 38°39'51" W	10.41'
L28	S 74°40'15" W	15.33'
L29	N 60°08'14" W	9.03'
L30	N 31°31'26" W	10.93'
L31	N 15°30'01" W	11.90'
L32	N 40°15'49" W	5.93'
L33	N 08°45'45" W	14.28'
L34	N 06°18'02" E	32.41'
L35	N 24°26'54" E	21.60'
L36	N 49°52'56" E	11.00'

DITCH AREA 1 LINE DATA TABLE

NO.	BEARING	LENGTH
L59	N 67°47'04" E	43.22'
L60	N 66°19'37" E	122.38'
L61	N 68°45'02" E	146.25'
L62	N 67°29'37" E	161.04'
L63	N 68°21'33" E	106.58'
L64	N 67°04'53" E	219.92'
L65	N 67°44'29" E	43.94'
L66	N 53°39'04" E	26.54'
L67	S 69°31'09" E	15.16'
L68	S 18°26'11" E	27.14'
L69	S 66°47'44" W	80.19'
L70	S 67°13'18" W	219.34'
L71	S 68°35'05" W	207.31'
L72	S 67°48'46" W	226.14'
L73	S 68°38'30" W	178.87'
L74	S 67°38'30" W	187.41'
L75	S 66°59'50" W	186.52'
L76	S 69°54'35" W	256.94'
L77	S 69°54'35" W	256.94'
L78	S 74°30'30" W	43.28'
L79	S 84°15'40" W	62.66'
L80	N 69°44'43" W	13.58'
L81	N 26°17'14" W	16.70'
L82	N 28°58'53" E	23.90'
L83	N 83°19'56" E	58.68'
L84	N 83°05'25" E	67.99'
L85	N 70°26'07" E	145.08'
L86	N 68°36'02" E	334.78'
L87	N 68°36'02" E	334.78'
L88	N 68°01'47" E	117.81'
L89	N 66°10'23" E	40.17'

POND 3 LINE DATA TABLE

NO.	BEARING	LENGTH
L2	N 70°14'22" E	44.05'
L3	S 39°12'47" E	19.94'
L4	S 22°05'10" E	64.77'
L5	S 03°43'27" E	12.58'
L6	S 42°25'04" W	13.23'
L7	S 59°14'57" W	35.12'
L8	N 49°52'01" W	20.53'
L9	N 36°31'04" W	18.71'
L10	N 12°28'21" W	58.37'
L11	N 02°33'45" W	15.61'

DITCH AREA 2 LINE DATA TABLE

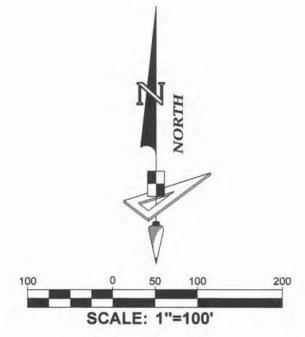
NO.	BEARING	LENGTH
L51	S 01°37'10" E	46.99'
L52	S 01°28'19" E	52.56'
L53	S 02°59'19" W	113.10'
L54	S 01°27'04" W	103.34'
L55	S 01°37'55" W	109.17'
L56	S 01°45'00" E	121.29'
L57	S 02°33'38" E	17.08'
L58	S 82°18'45" E	15.50'
L59	N 66°10'23" E	40.17'
L90	N 24°51'44" E	16.37'
L91	N 01°23'43" E	19.30'
L92	N 00°22'36" E	121.96'
L93	N 00°17'10" E	109.73'
L94	N 01°10'50" E	107.08'
L95	N 00°20'01" W	107.53'
L96	N 01°37'16" E	53.84'
L97	N 11°39'10" W	23.69'
L98	N 09°24'25" E	17.66'
L99	S 67°25'48" W	17.27'

POND 2 LINE DATA TABLE

NO.	BEARING	LENGTH
L37	S 86°07'48" E	11.17'
L38	S 49°35'51" E	14.00'
L39	S 11°54'31" E	36.31'
L40	S 08°51'45" W	11.35'
L41	S 48°49'52" E	8.91'
L42	S 23°05'29" E	8.42'
L43	S 10°42'57" W	7.51'
L44	S 89°01'25" W	40.08'
L45	N 29°44'38" W	38.29'
L46	N 00°14'07" W	16.32'
L47	N 23°22'56" E	17.08'
L48	N 46°31'26" E	21.75'

DITCH AREA 3 LINE DATA TABLE

NO.	BEARING	LENGTH
L30	N 31°31'26" W	10.93'
L49	S 73°59'54" W	88.75'
L50	S 36°02'26" W	23.68'
L99	S 67°25'48" W	17.27'
L100	N 64°24'35" W	14.54'
L101	N 15°46'34" E	12.65'
L102	N 65°06'56" E	40.67'
L103	N 73°44'13" E	85.69'



DESCRIPTION:

Parcel 1:
North 1/2 of Tract 7, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39 of the Public Records of Sarasota County, Florida.

Parcel 2:
Tract 8 and the South 1/2 of Tract 7, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

Parcel 3:
Tracts 9 and 11 and the South 1/2 of Tract 10, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

TOGETHER WITH a 25 foot wide portion of a 50 foot wide vacated right-of-way (vacated by Resolution as recorded in Instrument No. 2009-013081) lying in Section 27, Township 36 South, Range 19 East, abutting the North line of said Lot 11, more particularly described as follows:

BEGIN at the Northwest corner of said Lot 11, said point being on the South Right-Of-Way line of Boleyn Road (a 50 foot public Right-Of-Way); thence North 68°41'37" East (for a basis of bearing) along said Right-Of-Way, a distance of 392.92 feet to the Northeast corner of said Lot 11; thence North 02°07'19" East, a distance of 27.25 feet to a point of intersection of East lot line extended of Lot 11 and the centerline of said Right-Of-Way; thence South 68°41'37" West along said centerline, a distance of 393.90 feet; thence South 00°11'44" East, a distance of 26.87 feet to the POINT OF BEGINNING.

Parcel 4:
North 1/2 of Tract 10, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

And Being further described as follows:

BEGIN at the Northwest corner of Lot 11, Block 29, according to the Plat of Palmer Farms, Third Unit, as recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida, said point being on the Southern Right-Of-Way line of Boleyn Road (a 50 foot public Right-Of-Way) for a POINT OF BEGINNING; thence N.00°35'05"E, a distance of 26.88 feet to the centerline of Right-Of-Way, thence along the centerline of a portion of said Right-Of-Way (vacated per Instrument No. 2009-013081), N.69°02'26"E, a distance of 393.71 feet to a point of intersection of said centerline of Right-Of-Way and the East lot line of Lot 11 extended, also being the Western boundary of a 52 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Western boundary S.02°30'59"W, a distance of 1323.93 feet to the Southeast corner of said Lot 11, Block 29, and a point on the Northern boundary of a 66 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Northern boundary S.67°43'30"W, a distance of 1787.55 feet to the Southeast corner of Lot 7, Block 29, and a point on the Eastern boundary of a 52 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Eastern boundary N.00°33'16"E, a distance of 1322.53 feet to the Northwest corner of said Lot 7 Block 29, also being a Point on said Southern Right-Of-Way line of Boleyn Road, thence along said Southern Right-Of-Way line N.69°02'26"E, a distance of 1425.89 feet to the POINT OF BEGINNING.

- SURVEYOR'S NOTES:**
- This is NOT a Boundary Survey. Boundary information shown hereon has been taken from Boundary Survey prepared by GeoPoint Surveying, Inc., Dated 08-30-2017.
 - Bearings shown hereon are based on the South boundary of the Boleyn Road, having a Grid bearing of N.69°02'26"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the West Zone of Florida.
 - This survey is intended to be displayed at 1" = 100'
 - Property Address: 8452 Boleyn Road Sarasota, FL, 34240
 - All dimensions, unless otherwise noted, are survey dimensions.
 - Additions or Deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.
 - The subject parcel lies in Flood Zone "C", according to Flood Insurance Rate Map, Map No. 125144 0160 D for Sarasota County, Community No. 125144, Sarasota County, Florida, dated May 1, 1984 and issued by the Federal Emergency Management Agency.
 - Elevations if shown hereon are based on the North American Vertical Datum of 1988 (NAVD 88) based on National Geodetic Survey Benchmark "Y731", having a published elevation of 26.34 feet (NAVD 88). See Survey for local benchmarks.
 - Use of this survey for purposes other than intended, without written verification, will be at the user's sole risk and without liability to the surveyor. Nothing herein shall be construed to give any rights or benefits to anyone other than those certified to.

FOR
Southwest Florida
Water Management District
MAY 15 2018
Received
Sarasota RSB
75-9869

LEGEND

OSW - Other Surface Waters
(S) - Survey Dimension
(D) - Dead Dimension
(P) - Plot Dimension
POB - Point of Beginning
PRM - Permanent Reference Monument
LB - Licensed Business
R/W - Right-of-Way

SURVEY NOTE:

During an on-site state jurisdictional field review on February 22, 2018, District staff Tara Dalley field verified that the site exhibits "Other Surface Waters (OSW) - Upland Cut" features only, as depicted hereon (and no state jurisdictional wetlands).

IMAGED AS IS

PROJECT: ROGERS SUBDIVISION BOLEYN ROAD

PHASE: SPECIFIC PURPOSE SURVEY OSW

Drawn: DMJM DATE: 04/20/18 CHECKED BY: MCK
P. CHIEF: PB FIELD BOOK: 19-2018/17
DATA FILE: ROGERS OSW(88)PB.dwg

REVISIONS

DATE	DESCRIPTION	DRAWN BY

SURVEYOR'S CERTIFICATION
I DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY SUPERVISION AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS' REGULATIONS, RULES 5J-17.051, 5J-17.052, AND 5J-17.053, AND THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.017, FLORIDA STATUTES.

Matthew C. Knepp
FLORIDA PROFESSIONAL SURVEYOR & MAPPER NO. LS7092

DATE OF LAST FIELD SURVEY: April 13, 2018

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

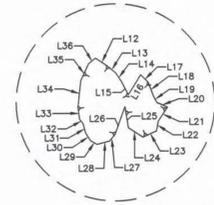
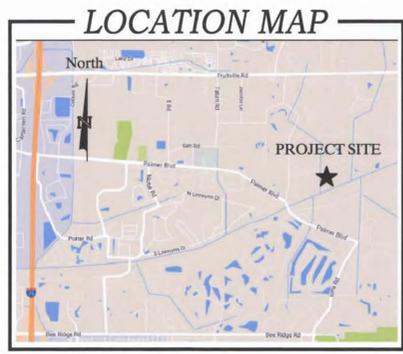
SPECIFIC PURPOSE WETLAND DELINEATION SURVEY

PREPARED FOR
Sam Rogers Properties
LOCATED IN
Section 27, Township 36 S., Range 19 E.
Sarasota County, Florida

GeoPoint Surveying, Inc.
213 Hobbs Street
Tampa, Florida 33619
www.geopointsurvey.com
Phone: (813) 248-8888
Fax: (813) 248-2266
Licensed Business No. LB 7768

SHEET NUMBER: 01 of 01

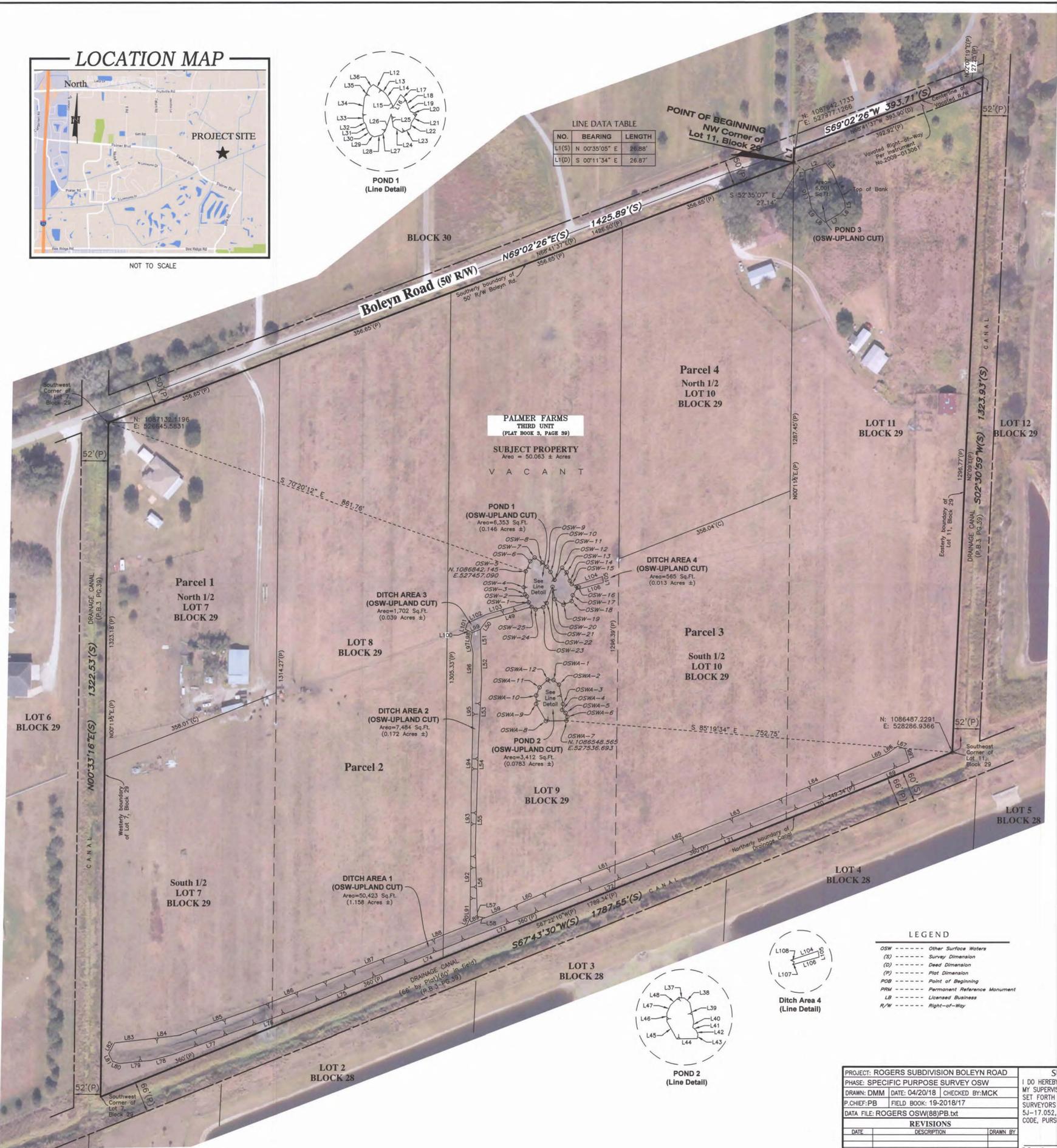
FILE PATH: P:\ARBOUR LAKE RESERVE (ROGERS)\SURVEY\ROGERS_WS.DWG PLOTTED BY: DAVID MARISCAL ON: 4/23/2018 4:18 PM LAST SAVED BY: DAVIDM ON: 4/23/2018 9:20 AM



POND 1 (Line Detail)

LINE DATA TABLE

NO.	BEARING	LENGTH
L1(S)	N 00°35'05" E	26.88'
L1(D)	S 00°11'34" E	26.87'



POND 1 LINE DATA TABLE

NO.	BEARING	LENGTH
L12	S 56°03'03" E	17.29'
L13	S 49°41'44" E	12.47'
L14	S 33°41'42" E	12.62'
L15	S 27°16'48" E	17.45'
L16	N 31°13'14" E	27.85'
L17	S 44°39'16" E	12.55'
L18	S 20°47'43" E	17.83'
L19	S 28°00'09" E	8.43'
L20	S 66°28'59" E	13.71'
L21	S 33°15'29" W	19.94'
L22	S 09°51'18" W	11.94'
L23	S 65°30'11" W	17.55'
L24	N 56°50'09" W	20.37'
L27	S 38°39'51" W	10.41'
L28	S 74°40'15" W	15.33'
L29	N 60°08'14" W	9.03'
L30	N 31°31'26" W	10.93'
L31	N 15°30'01" W	11.90'
L32	N 40°15'49" W	5.93'
L33	N 08°45'45" W	14.28'
L34	N 06°18'02" E	32.41'
L35	N 24°26'54" E	21.60'
L36	N 49°52'56" E	11.00'

DITCH AREA 1 LINE DATA TABLE

NO.	BEARING	LENGTH
L59	N 67°47'04" E	43.22'
L60	N 66°19'37" E	122.38'
L61	N 68°45'02" E	146.25'
L62	N 67°29'37" E	161.04'
L63	N 68°21'33" E	106.58'
L64	N 67°04'53" E	219.92'
L65	N 67°44'29" E	43.94'
L66	N 53°39'04" E	26.54'
L67	S 69°31'09" E	15.16'
L68	S 18°26'11" E	27.14'
L69	S 66°47'44" W	80.19'
L70	S 67°13'18" W	219.34'
L71	S 68°35'05" W	207.31'
L72	S 67°48'46" W	226.14'
L73	S 68°38'30" W	178.87'
L74	S 67°38'30" W	187.41'
L75	S 66°59'50" W	186.52'
L76	S 69°54'35" W	256.94'
L77	S 69°54'35" W	256.94'
L78	S 74°30'30" W	43.28'
L79	S 84°15'40" W	62.66'
L80	N 69°44'43" W	13.58'
L81	N 26°17'14" W	16.70'
L82	N 28°58'53" E	23.90'
L83	N 83°19'56" E	58.68'
L84	N 83°05'25" E	67.99'
L85	N 70°26'07" E	145.08'
L86	N 68°36'02" E	334.78'
L87	N 68°36'02" E	334.78'
L88	N 68°01'47" E	117.81'
L89	N 66°10'23" E	40.17'

POND 3 LINE DATA TABLE

NO.	BEARING	LENGTH
L2	N 70°14'22" E	44.05'
L3	S 39°12'47" E	19.94'
L4	S 22°05'10" E	64.77'
L5	S 03°43'27" E	12.58'
L6	S 42°25'04" W	13.23'
L7	S 59°14'57" W	35.12'
L8	N 49°52'01" W	20.53'
L9	N 36°31'04" W	18.71'
L10	N 12°28'21" W	58.37'
L11	N 02°33'45" W	15.61'

DITCH AREA 2 LINE DATA TABLE

NO.	BEARING	LENGTH
L51	S 01°37'10" E	46.99'
L52	S 01°28'19" E	52.56'
L53	S 02°59'19" W	113.10'
L54	S 01°27'04" W	103.34'
L55	S 01°37'55" W	109.17'
L56	S 01°45'00" E	121.29'
L57	S 02°33'38" E	17.08'
L58	S 82°18'45" E	15.50'
L59	N 66°10'23" E	40.17'
L60	N 24°51'44" E	16.37'
L91	N 01°23'43" E	19.30'
L92	N 00°22'36" E	121.96'
L93	N 00°17'10" E	109.73'
L94	N 01°10'50" E	107.08'
L95	N 00°20'01" W	107.53'
L96	N 01°37'16" E	53.84'
L97	N 11°39'10" W	23.69'
L98	N 09°24'25" E	17.66'
L99	S 67°25'48" W	17.27'

POND 2 LINE DATA TABLE

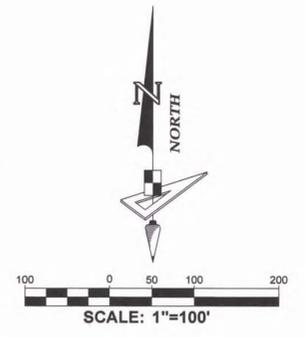
NO.	BEARING	LENGTH
L37	S 86°07'48" E	11.17'
L38	S 49°35'51" E	14.00'
L39	S 11°54'31" E	38.31'
L40	S 08°51'45" W	11.35'
L41	S 48°49'52" E	8.91'
L42	S 23°05'29" E	8.42'
L43	S 10°42'57" W	7.51'
L44	S 89°01'25" W	40.08'
L45	N 29°44'38" W	38.29'
L46	N 00°14'07" W	16.32'
L47	N 23°22'56" E	17.08'
L48	N 46°31'26" E	21.75'

DITCH AREA 3 LINE DATA TABLE

NO.	BEARING	LENGTH
L30	N 31°31'26" W	10.93'
L49	S 73°59'54" W	88.75'
L50	S 36°02'26" W	23.68'
L99	S 67°25'48" W	17.27'
L100	N 64°24'35" W	14.54'
L101	N 15°46'34" E	12.65'
L102	N 65°06'56" E	40.67'
L103	N 73°44'13" E	85.69'

DITCH AREA 4 LINE DATA TABLE

NO.	BEARING	LENGTH
L104	N 71°06'45" E	56.29'
L105	S 10°28'25" E	12.06'
L106	S 73°42'54" W	53.99'
L107	S 33°15'29" W	6.70'
L108	S 66°28'59" E	7.96'



DESCRIPTION:

Parcel 1:
North 1/2 of Tract 7, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39 of the Public Records of Sarasota County, Florida.

Parcel 2:
Tract 8 and the South 1/2 of Tract 7, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

Parcel 3:
Tracts 9 and 11 and the South 1/2 of Tract 10, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

TOGETHER WITH a 25 foot wide portion of a 50 foot wide vacated right-of-way (vacated by Resolution as recorded in Instrument No. 2009-013061) lying in Section 27, Township 36 South, Range 19 East, abutting the North line of said Lot 11, more particularly described as follows:

BEGIN at the Northwest corner of said Lot 11, said point being on the South Right-Of-Way line of Boleyn Road (a 50 foot public Right-Of-Way); thence North 68°41'37" East (for a basis of bearing) along said Right-Of-Way, a distance of 392.92 feet to the Northeast corner of said Lot 11; thence North 02°07'19" East, a distance of 27.25 feet to a point of intersection of East lot line extended of Lot 11 and the centerline of said Right-Of-Way, thence South 68°41'37" West along said centerline, a distance of 393.90 feet; thence South 00°11'44" East, a distance of 26.87 feet to the POINT OF BEGINNING.

Parcel 4:
North 1/2 of Tract 10, Block 29, Palmer Farms, Third Unit, as per plat thereof, recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida.

And Being further described as follows:

BEGIN at the Northwest corner of Lot 11, Block 29, according to the Plat of Palmer Farms, Third Unit, as recorded in Plat Book 3, Page 39, of the Public Records of Sarasota County, Florida, said point being on the Southerly Right-Of-Way line of Boleyn Road (a 50 foot public Right-Of-Way) for a POINT OF BEGINNING; thence N.00°35'05"E., a distance of 26.88 feet to the centerline of Right-of-Way, thence along the centerline of a portion of said Right-of-Way (vacated per Instrument No. 2009-013061), N.69°02'26"E., a distance of 393.71 feet to a point of intersection of said centerline of Right-of-Way and the East lot line of Lot 11 extended, also being the Westerly boundary of a 52 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Westerly boundary S.02°30'59"W., a distance of 1323.93 feet to the Southeast corner of said Lot 11, Block 29, and a point on the Northerly boundary of a 66 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Northerly boundary S.67°43'30"W., a distance of 1787.55 feet to the Southeast corner of Lot 7, Block 29, and a point on the Easterly boundary of a 52 foot wide Drainage Canal per said Plat of Palmer Farms Third Unit, thence along said Easterly boundary N.00°33'16"E., a distance of 1322.53 feet to the Northwest corner of said Lot 7 Block 29, also being a Point on said Southerly Right-Of-Way line of Boleyn Road, thence along said Southerly Right-Of-Way line N.69°02'26"E., a distance of 1425.89 feet to the POINT OF BEGINNING.

Containing 50.063 acres, more or less.

- SURVEYOR'S NOTES:**
- This is NOT a Boundary Survey. Boundary information shown hereon has been taken from Boundary Survey prepared by GeoPoint Surveying, Inc., Dated 08-30-2017.
 - Bearings shown hereon are based on the South boundary of the Boleyn Road, having a Grid bearing of N.69°02'26"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North America Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the West Zone of Florida.
 - This survey is intended to be displayed at 1" = 100'
 - Property Address: 8452 Boleyn Road Sarasota, FL, 34240
 - All dimensions, unless otherwise noted, are survey dimensions.
 - Additions or Deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.
 - The subject parcel lies in Flood Zone "C", according to Flood Insurance Rate Map, Map No. 125144 0160 D for Sarasota County, Community No. 125144, Sarasota County, Florida, dated May 1, 1984 and issued by the Federal Emergency Management Agency.
 - Elevations if shown hereon are based on the North American Vertical Datum of 1988 (NAVD 88) based on National Geodetic Survey Benchmark "7731", having a published elevation of 26.34 feet (NAVD 88). See Survey for local benchmarks.
 - Use of this survey for purposes other than intended, without written verification, will be at the user's sole risk and without liability to the surveyor. Nothing hereon shall be construed to give any rights or benefits to anyone other than those certified to.

LEGEND

- OSW - Other Surface Waters
- (S) - Survey Dimension
- (D) - Dead Dimension
- (P) - Plot Dimension
- POB - Point of Beginning
- PRM - Permanent Reference Monument
- LB - Licensed Business
- R/W - Right-of-Way

SURVEY NOTE:

During an on-site state jurisdictional field review on February 22, 2018, District staff Tasha Dailey field verified that the site exhibits "Other Surface Waters (OSW) - Upland Cut" features only, as depicted hereon (and no state jurisdictional wetlands).

FOR Southwest Florida Water Management District
 MAY 15 2018
 Received by: [Signature] 759869
 Not Sealed

SPECIFIC PURPOSE WETLAND DELINEATION SURVEY
 PREPARED FOR
 Sam Rogers Properties
 LOCATED IN
 Section 27, Township 36 S., Range 19 E.
 Sarasota County, Florida

GeoPoint Surveying, Inc.
 213 Hobbs Street
 Tampa, Florida 33619
 www.geopointsurvey.com
 Phone: (813) 248-8888
 Fax: (813) 248-2266
 Licensed Business No. - LB 7768

SHEET NUMBER: 01 of 01

PROJECT: ROGERS SUBDIVISION BOLEYN ROAD
 PHASE: SPECIFIC PURPOSE SURVEY OSW
 DRAWN: DMM DATE: 04/20/18 CHECKED BY: MCK
 P.CHIEF: PB FIELD BOOK: 19-2018/17
 DATA FILE: ROGERS OSW(88)PB.dwg

REVISIONS

DATE	DESCRIPTION	DRAWN BY

SURVEYOR'S CERTIFICATION
 I DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY SUPERVISION AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS STATED IN RULES 54-17.051, 54-17.052, AND 54-17.053, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

Matthew C. Kneeland
 FLORIDA PROFESSIONAL SURVEYOR & MAPPER NO. LS7092

DATE OF LAST FIELD SURVEY: April 13, 2018

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

FILE PATH: PARBOUR LAKE RESERVE (ROGERS)SURVEY\ROGERS_W.S.DWG PLOTTED BY: DAVID MARISCAL ON: 4/23/2018 4:20 PM LAST SAVED BY: DAVIDM ON: 4/23/2018 9:20 AM