FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

June 6, 2023

Walton County Public Works
c/o Chance Powell
117 Montgomery Circle
DeFuniak Springs, FL, 32435
powchance@co.walton.fl.us

File No.: 0431240-001-NPR/66, Walton County

Dear Mr. Powell:

On February 6, 2023, we received your request for verification that a State 404 Program permit will not be required for the activity described below.

The proposed activity is to fill 0.126 acres of isolated unnamed wetlands to expand Helen McCall Park at 325 Moll Drive, Santa Rosa Beach, Florida, 32439, Section 34, Township 2 South, Range 20 West, Walton County.

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

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

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

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

If you have any questions regarding this letter or permitting requirements, please contact Gregory Leenig by telephone at (850)595-0564, or at Gregory.Leenig@FloridaDEP.gov

EXECUTION AND CLERKING
Executed in Orlando, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Russell Sullivan
Environmental Manager

RS:gnl

Attachments:
Project drawings, 6 pages
Certified Wetland Evaluator Coversheet, 2 pages
62-340, F.A.C., Data forms and Photos, 20 pages
WOTUS Information Form, 5 pages
WOTUS Supporting Information, 4 pages

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Chance Powell, Applicant, powchance@co.walton.fl.us
Rudolph Mall, Consultant, rmall@dewberry.com
Trish Engel, Consultant, trish@biome.co
Kim Allen, DEP, Kim.Allen@FloridaDEP.gov
Russell Sullivan, FDEP, Russell.sullivan@floridadep.gov
Blake Chapman, FDEP, blake.a.chapman@floridadep.gov
Gregory Leenig, FDEP, Gregory.leenig@floridadep.gov
Walton County, carscott@co.walton.fl.us, carmac@co.walton.fl.us, shekristen@co.walton.fl.us

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

June 6, 2023
Date

DREDGE AND FILL PLANS FOR:

HELEN McCALL PARK EXPANSION

PREPARED FOR:

BOARD OF COUNTY COMMISSIONERS
WALTON COUNTY ,FLORIDA

PROJECT NUMBER - 50128135

DECEMBER 2022

UTILITY PROVIDERS:				
WATER/SEWER REGIONAL UTILITIES MR. RYAN DOUGLAS 4432 EAST HWY. 98 SANTA ROSA BEACH, FL PH: (850) 231-5114	ELECTRIC CHELCO MR. QUINTIN BETTIS 723 NORTH US HWY. 331 DEFUNIAK SPRINGS, FL PH: (850) 573-7286	TELEPHONE CENTURYLINK MR. MIKE BELL 650 DENTON BLVD. FORT WALTON BEACH PH: (850) 664-3608	SPRINT NEXTEL STEVE THOMPSON 411 HUGER ST. COLUMBIA, SC 29201 PH: (678) 852-2726	SUNSHINE STATE ON-CALL 605 WEST GARDEN STREET ORLANDO, FL PH: (800) 432-4770
NATURAL GAS OKALOOSA GAS DISTRICT MR. ESSA RHEBI 364 HWY, 190 VALPARAISO, FL PH: (850) 729-4870	CABLE COX COMMUNICATIONS ROGER DIXON 320 RACETRACK ROAD NW FORT WALTON BEACH, FL PH: (850) 314-8163	COMMUNICATIONS UNITI FIBER DJ McAULEY 107 ST. FRANCIS ST., STE 1800 MOBILE, AL 36602 PH: (251) 259-0807	MEDIACOM EDDIE ARNOLD 1613 NANTAHALA BEACH DR. GULF BREEZE, FL 32563 PH: (850) 698-2386	

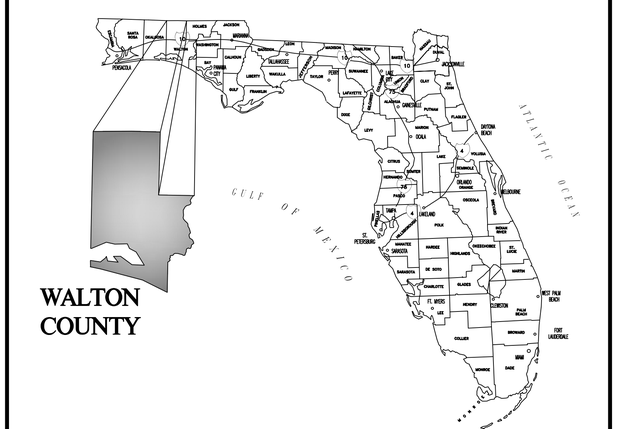
48 HOURS
BEFORE YOU DIG
CALL SUNSHINE ONE
1-800-432-4770
www.callsunshine.com

GOVERNING STANDARD PLANS:
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2022-23 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IR'S)

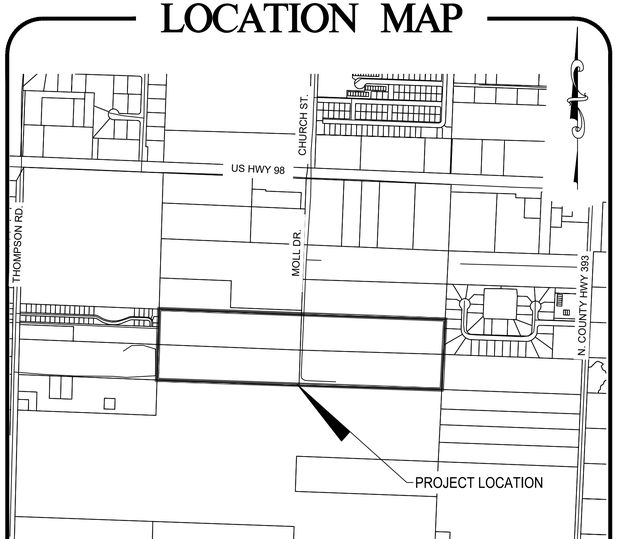
STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IR'S ARE AVAILABLE AT THE FOLLOWING WEBSITE: http://www.fdot.gov/design/standardplans

GOVERNING STANDARD SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JULY 2022

VICINITY MAP



LOCATION MAP



DRAWING INDEX	
Sheet Number	Sheet Title
COV	COVER SHEET
1	SITE MASTER PLAN
2	LAYOUT PLAN AND SHEET KEY
3	SITE PLAN
4	SITE PLAN
5	SITE PLAN

Dewberry
877 CR 393 North
Santa Rosa Beach, FL 32459
850.267.0759

HELEN MCCALL PARK EXPANSION
BOARD OF COUNTY COMMISSIONERS
WALTON COUNTY
FLORIDA

SEAL

AARON M. HARRISON LICENSE No 87629 STATE OF FLORIDA PROFESSIONAL ENGINEER

AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

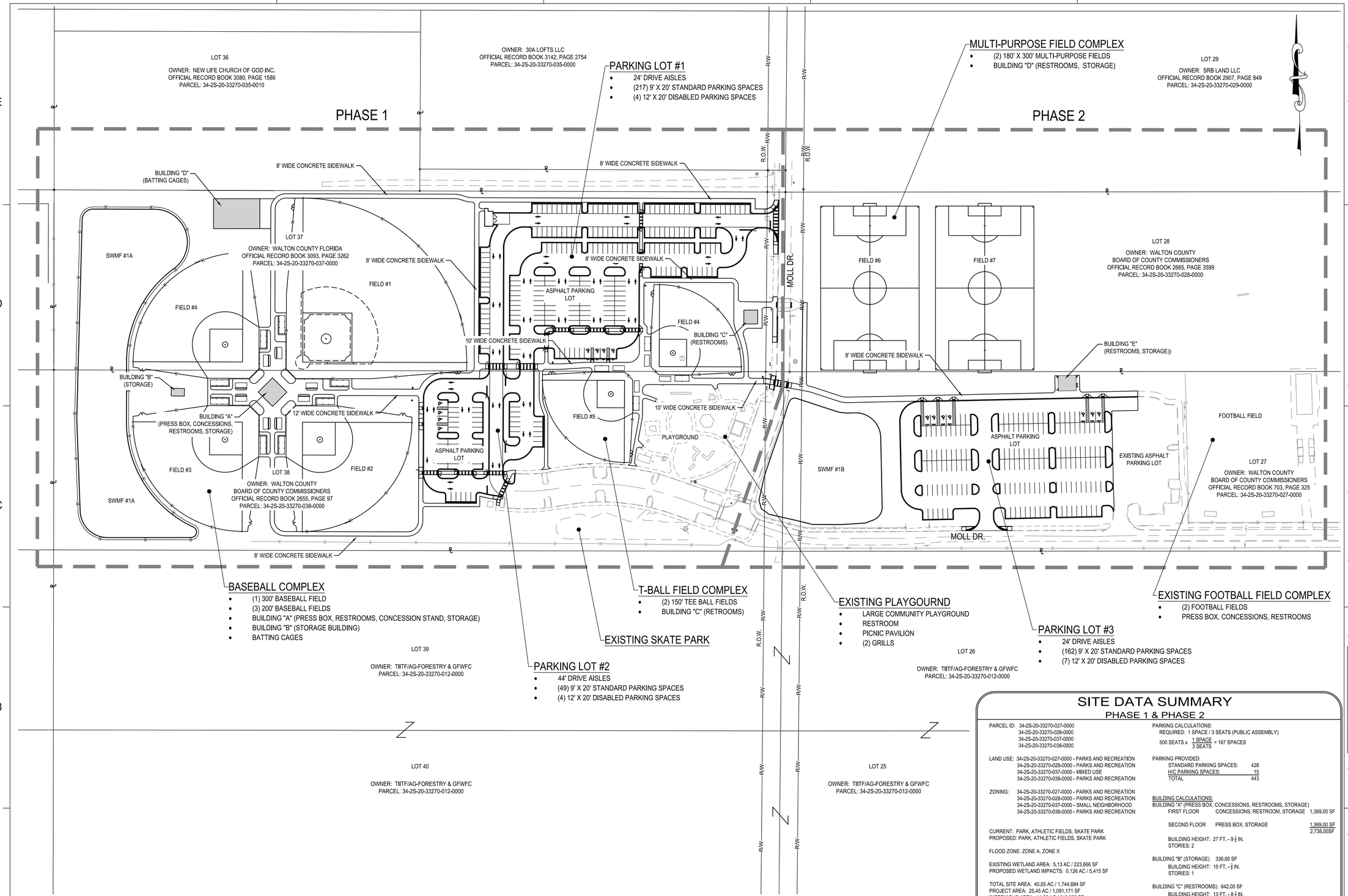
TITLE

COVER SHEET

PROJECT NO. 50128135

COV

SHEET NO.



SITE DATA SUMMARY
PHASE 1 & PHASE 2

PARCEL ID: 34-2S-20-33270-027-0000
34-2S-20-33270-028-0000
34-2S-20-33270-037-0000
34-2S-20-33270-038-0000

LAND USE: 34-2S-20-33270-027-0000 - PARKS AND RECREATION
34-2S-20-33270-028-0000 - PARKS AND RECREATION
34-2S-20-33270-037-0000 - MIXED USE
34-2S-20-33270-038-0000 - PARKS AND RECREATION

ZONING: 34-2S-20-33270-027-0000 - PARKS AND RECREATION
34-2S-20-33270-028-0000 - PARKS AND RECREATION
34-2S-20-33270-037-0000 - SMALL NEIGHBORHOOD
34-2S-20-33270-038-0000 - PARKS AND RECREATION

CURRENT: PARK, ATHLETIC FIELDS, SKATE PARK
PROPOSED: PARK, ATHLETIC FIELDS, SKATE PARK

FLOOD ZONE: ZONE A, ZONE X

EXISTING WETLAND AREA: 5.13 AC / 223,666 SF
PROPOSED WETLAND IMPACTS: 0.126 AC / 5,415 SF

TOTAL SITE AREA: 40.05 AC / 1,744,684 SF
PROJECT AREA: 25.45 AC / 1,091,171 SF
IMPERVIOUS AREA: 11.92 AC / 519,398 SF

OVERALL SITE ISR
ISR ALLOWED: 0.50 (50%)
ISR PROVIDED: 519,398 / 1,744,684 = 0.30 (30%)

DRAINAGE AREA = 20.16 AC / 878,351 SF

BUILDING SETBACKS REQUIRED:
FRONT: 25 FT.
SIDE: 10 FT.
REAR: 20 FT.

PARKING CALCULATIONS:
REQUIRED: 1 SPACE / 3 SEATS (PUBLIC ASSEMBLY)
500 SEATS x 1 SPACE / 3 SEATS = 167 SPACES

PARKING PROVIDED:
STANDARD PARKING SPACES: 428
H/C PARKING SPACES: 15
TOTAL 443

BUILDING CALCULATIONS:
BUILDING "A" (PRESS BOX, CONCESSIONS, RESTROOMS, STORAGE)
FIRST FLOOR CONCESSIONS, RESTROOM, STORAGE 1,369.00 SF
SECOND FLOOR PRESS BOX, STORAGE 1,369.00 SF
2,738.00SF

BUILDING HEIGHT: 27 FT. - 9 1/2 IN.
STORIES: 2

BUILDING "B" (STORAGE) 336.00 SF
BUILDING HEIGHT: 15 FT. - 8 IN.
STORIES: 1

BUILDING "C" (RESTROOMS): 642.00 SF
BUILDING HEIGHT: 13 FT. - 8 1/2 IN.
STORIES: 1

BUILDING "D" (BATTING CAGES): 4,629 SF.
BUILDING HEIGHT: 24 FT.
STORIES: 2

BUILDING "E" (RESTROOMS AND STORAGE): 924.00 SF
BUILDING HEIGHT: 14 FT. - 9 1/2 IN.
STORIES: 1

TOTAL BUILDING AREA: 9,269.00 SF
EXISTING BUILDING AREAS: 2,664 SF
TOTAL = 11,933 SF

FAR
MAX. FAR ALLOWED: 0.50 (50%)
FAR PROVIDED: 11,933 / 1,744,684 = 0.007 (0.7%)

Dewberry
877 CR 393 North
Santa Rosa Beach, FL 32459
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HELEN MCCALL PARK EXPANSION
BOARD OF COUNTY COMMISSIONERS
WALTON COUNTY
FLORIDA

SEAL
AARON M. HARRISON LICENSE No 87629 STATE OF FLORIDA PROFESSIONAL ENGINEER
AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE
0' 40' 80' 160'
SCALE: 1" = 80'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

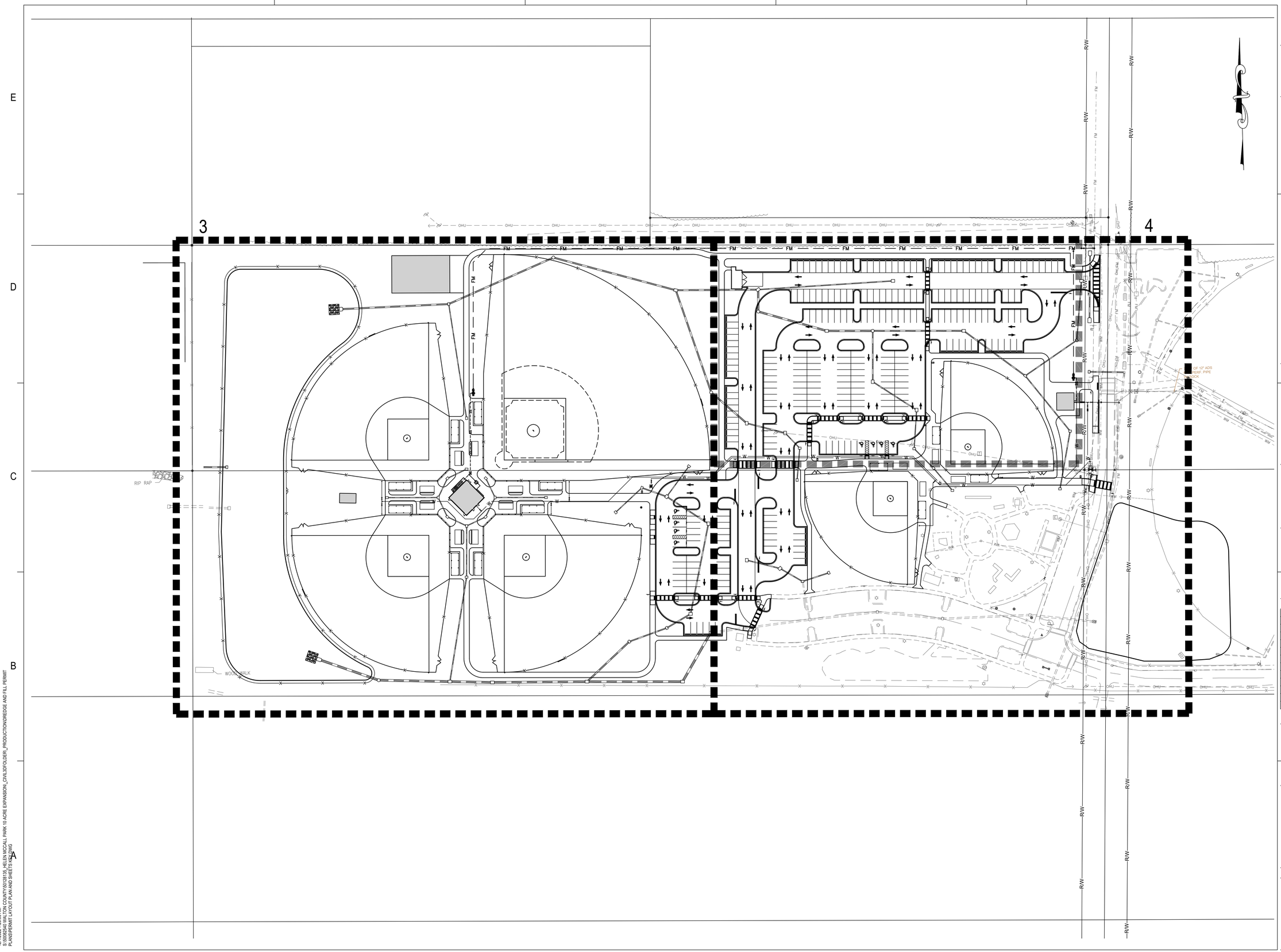
TITLE
SITE MASTER PLAN

PROJECT NO. 50128135

1

SHEET NO.

1/27/2022 7:24:38 AM
S:\SOCIAL CIRCLE\WALTON COUNTY\50128135_HELEN MCCALL PARK 10 ACRE EXPANSION_CIVIL\03FOLDER_PRODUCTION\DREDGE AND FILL PERMIT PLANS\PERMIT SITE MASTER PLAN.DWG



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AARON M. HARRISON
LICENSE
No 87629
STATE OF FLORIDA
PROFESSIONAL ENGINEER

AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE

0' 30' 60' 120'
SCALE: 1" = 60'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

TITLE

LAYOUT PLAN AND SHEET KEY

PROJECT NO. 50128135

2

SHEET NO.

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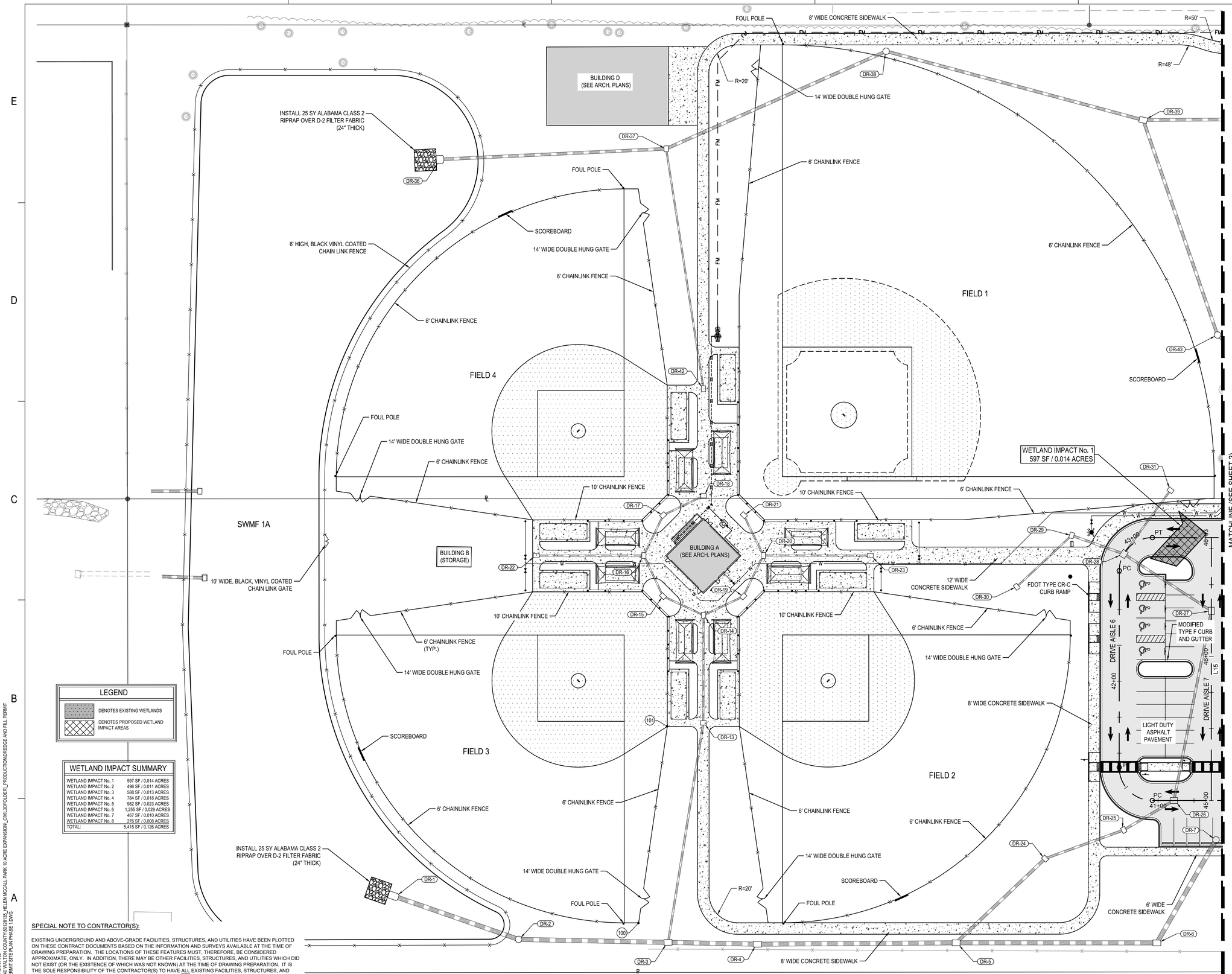

LEGEND

- DENOTES EXISTING WETLANDS
- DENOTES PROPOSED WETLAND IMPACT AREAS

WETLAND IMPACT SUMMARY

WETLAND IMPACT No. 1	597 SF / 0.014 ACRES
WETLAND IMPACT No. 2	496 SF / 0.011 ACRES
WETLAND IMPACT No. 3	588 SF / 0.013 ACRES
WETLAND IMPACT No. 4	784 SF / 0.018 ACRES
WETLAND IMPACT No. 5	982 SF / 0.023 ACRES
WETLAND IMPACT No. 6	1,255 SF / 0.029 ACRES
WETLAND IMPACT No. 7	467 SF / 0.010 ACRES
WETLAND IMPACT No. 8	276 SF / 0.008 ACRES
TOTAL:	5,415 SF / 0.126 ACRES

SPECIAL NOTE TO CONTRACTOR(S):

EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

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WALTON COUNTY
FLORIDA

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AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE

0' 15' 30' 60'
SCALE: 1" = 30'

REVISIONS

NO.	DESCRIPTION	DATE

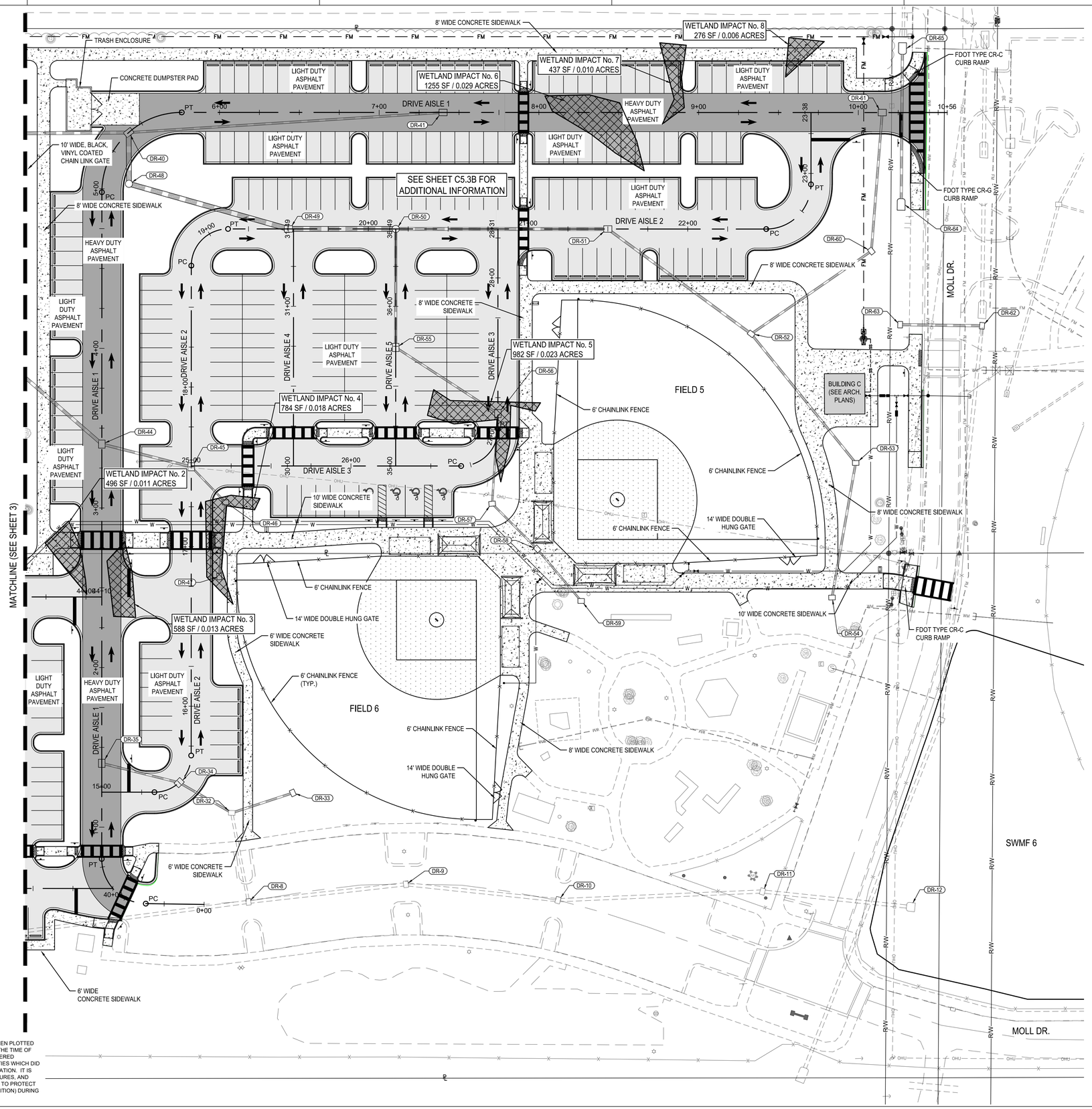
DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

TITLE

SITE PLAN

PROJECT NO. 50128135

SHEET NO. 3



LEGEND

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12/7/2022 7:24:47 AM
S:\WALTON COUNTY\50128135_HELEN MCCALL PARK 10 ACRE EXPANSION_CIVIL\3PO\DER_PRODUCTION\DREDGE AND FILL PERMIT PLANS\PERMIT SITE PLAN PHASE 1.DWG

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AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE

0' 15' 30' 60'
SCALE: 1" = 30'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

TITLE

SITE PLAN

PROJECT NO. 50128135

4

SHEET NO.

Dewberry
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Santa Rosa Beach, FL 32459
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HELEN MCCALL PARK EXPANSION
BOARD OF COUNTY COMMISSIONERS
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AARON M. HARRISON, P.E. 87692
EB 0008794

PERMIT SET

SCALE

0' 15' 30' 60'
SCALE: 1" = 30'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY	BTW
APPROVED BY	AMH
CHECKED BY	AMH
DATE	DECEMBER 2022

TITLE

SITE PLAN

PROJECT NO. 50128135

5

SHEET NO.

FIELD 7

FIELD 8

MOLL DR.

WETLANDS

LEGEND

DENOTES EXISTING WETLANDS

DENOTES PROPOSED WETLAND IMPACT AREAS

WETLAND IMPACT SUMMARY

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TOTAL:	5,415 SF / 0.126 ACRES

8' WIDE CONCRETE SIDEWALK

10' WIDE CONCRETE SIDEWALK

WETLAND BUFFER

BUILDING "E" RESTROOM, STORAGE, IRRIGATION CONTROLS (SEE ARCH. PLANS)

FDOT TYPE CR-A CURB RAMP WITH DETECTABLE WARNINGS

DETECTABLE WARNINGS

SPECIAL EMPHASIS CROSSWALK STRIPING PER FDOT INDEX 711-001 (TYP.)

PEDESTRIAN CROSSING SIGN

ACCESSIBLE PARKING MARKINGS PER FDOT INDEX 711-01 (TYP.)

CONCRETE BOLLARD AND H.C. PARKING SIGN (TYP.)

CONCRETE BUMPER GUARD (TYP.)

LIGHT DUTY ASPHALT PAVEMENT

MODIFIED TYPE F CURB AND GUTTER

MODIFIED TYPE F CURB AND GUTTER (TYPICAL)

SWMF 1B

DRIVE AISLE 1

DRIVE AISLE 2

DRIVE AISLE 3

FDOT TYPE CR-G CURB RAMP WITH DETECTABLE WARNINGS

SPECIAL NOTE TO CONTRACTOR(S):

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12/7/2022 7:24:23 AM
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State 404 Program
Department Certified Wetland Evaluator Work Product Cover Sheet

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

State 404 File Number: 0431240-001-NPR/6 WMD/DLG ERP/FD File Number: IND-131-309938-1

Date(s) of Site Inspection: 04/04/2023

Purpose of Site Inspection: Verify wetland lines

Evaluation Documentation Includes (check all that apply):

- [x] 62-340, F.A.C. Data Forms: 1-12 pages
- [ ] Functional assessment forms: _____ pages
  - [ ] UMAM
  - [ ] WRAP
  - [ ] WATER
  - [ ] Other _____
- [x] Site photos: 13-20 pages
- [ ] State 404 Program WOTUS Information Form: _____ pages
- [ ] Other WOTUS-related documentation: _____ pages
  - [ ] Description_____

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

Lead DEP CWE Name (legible): Aaron Waits

Signature: _____

Date Approved: _____

DEP CWE Name (legible): _____

Signature: _____

Date Approved: _____

DEP CWE Name (legible): _____

Signature: _____

Date Approved: _____

DEP CWE Name (legible): _____

Signature: _____

Date Approved: _____

DEP CWE Name (legible): _____

Signature: _____

Date Approved: _____

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

FDEP SLERC August 2019

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

1. Date: 04/04/2023 2. Staff Present: Aaron Waits 3. Form recorder(s): AW

4. County: Walton (66) 5. Site Name: Helen McCall Park Expansion Tracking #: 309938-1

6. Point ID: Upland GPS Coordinates: N 30° 22' 13.7" , W 86° 14' 18.9"

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?** Canopy only has one species

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 RSJ[1] or the legality of any alterations:

Areal extent estimator: AW

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.	Pinus elliottii	U	60	20					
2.	Ilex glabra	U			35	35			
3.	Diospyros virginiana	U			5	5			
4.	Carex sp.	FW			7			7	
5.	Cyrilla racemiflora	F			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						40	5	7	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? 40

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? 7

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 47

What is the percentage of OBL + FACW in relation to all plants, excluding FAC? ($\frac{\text{OBL+FACW}}{\text{OBL+FACW+UPL}}$) 14.9%

Point ID/Location: N 30° 22' 13.7" , W 86° 14' 18.9" | Soil describer: AW

14. LRR/MLRA T | **Textures:** Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl

15. Is a soil profile evaluation possible? ◉ Yes ○ 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.** - **H_2S** (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	0-10	Sand	10YR 3/2	20%	LA- 10YR 7/1- 50% Total Area- Round Clear Boundaries Soil appeared physically mixed over time
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

☑ All Texture	☑ Sandy Texture	☑ Fine Texture
__(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
__(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		
__(A12) Thick Dark Surface		

Indicator Present	Begin Depth	End Depth
1.		
2.		
3.		
4.		
5.		
6.		

** = 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?
○ 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? _____
(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? ○ Yes ◉ No
If no, depth of soil profile is: 10 inches Why? Soil compaction
(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 ○ Above ○ Below ◉ Not Observed

Point ID/Location: N 30° 22' 13.7" , W 86° 14' 18.9" | Indicator evaluator: AW

22. Hydrologic Indicators: ***As is under current conditions, without considering RSJ[1] 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 RSJ[1] 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 RSJ[1] 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

Point ID/Location: N 30° 22' 13.7" , W 86° 14' 18.9"

26. C Test Wetland Criteria §62-340.300(2)(c), F.A.C.

As is under current conditions, without considering RSJ[1] 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: Rutledge 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 RSJ[1] 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: N 30° 22' 13.7" , W 86° 14' 18.9"

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: N 30° 22' 13.7" , W 86° 14' 18.9"

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.	UP_04_04_23 (1)	Data Point location facing North	AW
2.	UP_04_04_23 (2)	Data Point location facing South	AW
3.	UP_04_04_23 (3)	Data Point location facing East	AW
4.	UP_04_04_23 (4)	Data Point location facing West	AW
5.	UP_04_04_23 (5)	Soil Profile	AW
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

Notes:

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

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

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

Definition from §62.340.200(19) Florida Administrative Code
"**Wetlands**," as defined in subsection 373.019(17), F.S., means those areas that are inundated or saturated by surface water or ground water at a frequency and a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Soils present in wetlands generally are classified as hydric or alluvial, or possess characteristics that are associated with reducing soil conditions. The prevalent vegetation in wetlands generally consists of facultative or obligate hydrophytic macrophytes that are typically adapted to areas having soil conditions described above. These species, due to morphological, physiological, or reproductive adaptations, have the ability to grow, reproduce or persist in aquatic environments or anaerobic soil conditions. Florida wetlands generally include swamps, marshes, bayheads, bogs, cypress domes and strands, sloughs, wet prairies, riverine swamps and marshes, hydric seepage slopes, tidal marshes, mangrove swamps and other similar areas. Florida wetlands generally do not include longleaf or slash pine flatwoods with an understory dominated by saw palmetto.

Definition from §373.019(19) Florida Statutes
"**Surface water**" means water upon the surface of the earth, whether contained in bounds created naturally or artificially or diffused. Water from natural springs shall be classified as surface water when it exits from the spring onto the earth's surface.

Definition from §373.019(14) Florida Statutes
"**Other watercourse**" means any canal, ditch, or other artificial watercourse in which water usually flows in a defined bed or channel. It is not essential that the flowing be uniform or uninterrupted.

Definition from §62.340.200(15) Florida Administrative Code
"**Seasonal High Water**" means the elevation to which the ground and surface water can be expected to rise due to a normal wet season.

From The Florida Wetlands Delineation Manual pg. 37
Ordinary high water is that point on the slope or bank where the surface water from the water body ceases to exert a dominant influence on the character of the surrounding vegetation and soils. The OHWL frequently encompasses areas dominated by non-listed vegetation and non-hydric soils. When the OHWL is not at a wetland edge, the general view of the area may present an "upland" appearance.

Definition from §403.803(14) Florida Statutes
"Swale" means a manmade trench which:
(a) Has a top width-to-depth ratio of the cross-section equal to or greater than 6:1, or side slopes equal to or greater than 3 feet horizontal to 1 foot vertical;
(b) Contains contiguous areas of standing or flowing water only following a rainfall event;
(c) Is planted with or has stablized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and
(d) Is designed to take into acount the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge.

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

FDEP SLERC August 2019

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

1. Date: 04/04/2023 2. Staff Present: Aaron Waits 3. Form recorder(s): AW

4. County: Walton (66) 5. Site Name: Helen McCall Park Expansion Tracking #: 309938-1

6. Point ID: Wetland GPS Coordinates: N 30° 22' 14.5" , W 86° 14' 17.3"

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?** Canopy and subcanopy have single species other than invasive tree species

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 RSJ[1] or the legality of any alterations:

Areal extent estimator: AW

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.	Triadica sebifera	F	30	20	15		15		
2.	Woodwardia virginica	FW			10			10	
3.	Pinus elliottii	U	10	3					
4.	Andropogon glamaratous	FW			3			3	
5.	Myrica cerifera	F			7		7		
6.	Carex sp.	FW			5			5	
7.	Panicum repens	FW			3			3	
8.	Solidego	FW			2			2	
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
Percent areal extent totals for the stratum selected in question 10						0	22	23	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? 23

What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 23

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

Point ID/Location: N 30° 22' 14.5" , W 86° 14' 17.3" | Soil describer: AW

14. LRR/MLRA T | **Textures:** Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl

15. Is a soil profile evaluation possible? ◉ Yes ○ 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.** - **H_2S** (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	0-8	Sand	10YR 3/1	50%	LA- 10YR 6/1- 25% Total Area- Round Clear Boundaries RC- 5YR 4/6- 10% Total Area- Round Diffused Boundaries
2	8-13	Sand	10YR 3/1	50%	RC- 5YR 4/6- 15% Total Area- Round Diffused Boundaries
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

☑ All Texture	☑ Sandy Texture	☑ Fine Texture
__(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
__(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		
__(A12) Thick Dark Surface		

	Indicator Present	Begin Depth	End Depth
1.	S5	0	13+
2.			
3.			
4.			
5.			
6.			

** = 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?
○ 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? _____
(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? ○ Yes ◉ No
If no, depth of soil profile is: 13 inches Why? Roots
(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 ○ Above ○ Below ◉ Not Observed

Point ID/Location: N 30° 22' 14.5" , W 86° 14' 17.3" | Indicator evaluator: AW

22. Hydrologic Indicators: ***As is under current conditions, without considering RSJ[1] 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*	✓			Buttressing
(9) Morphological plant adaptations*				
(10) Secondary flow channels				
(11) Sediment deposition*				
(12) Tussocks or hummocks*				
(13) Water marks*	✓			Water Staining on the leaves

Highest water level indicator height at point: 6 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 RSJ[1] 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 RSJ[1] 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

Point ID/Location: N 30° 22' 14.5" , W 86° 14' 17.3"

26. C Test Wetland Criteria §62-340.300(2)(c), F.A.C.

As is under current conditions, without considering RSJ[1] 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: Rutledge 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 RSJ[1] 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: N 30° 22' 14.5" , W 86° 14' 17.3"

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: N 30° 22' 14.5" , W 86° 14' 17.3"

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.	Wet1_04_04_23 (1)	Data Point location facing North	AW
2.	Wet1_04_04_23 (2)	Data Point location facing South	AW
3.	Wet1_04_04_23 (3)	Data Point location facing East	AW
4.	Wet1_04_04_23 (4)	Data Point location facing West	AW
5.	Wet1_04_04_23 (5)	Soil Profile	AW
6.	Wet1_04_04_23 (6)	Redox at 2.5"	AW
7.	Wet1_04_04_23 (7)	Redox at 10"	AW
8.	Wet1_04_04_23 (8)	Algae Mats	AW
9.	Wet1_04_04_23 (9)	Water Marks	AW
10.	Wet1_04_04_23 (10)	Water Staining on leaves and pine straw	AW
11.	Wet1_04_04_23 (11)	Buttressing	AW
12.			
13.			
14.			

Notes: All wetlands on site appear to be isolated.

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.

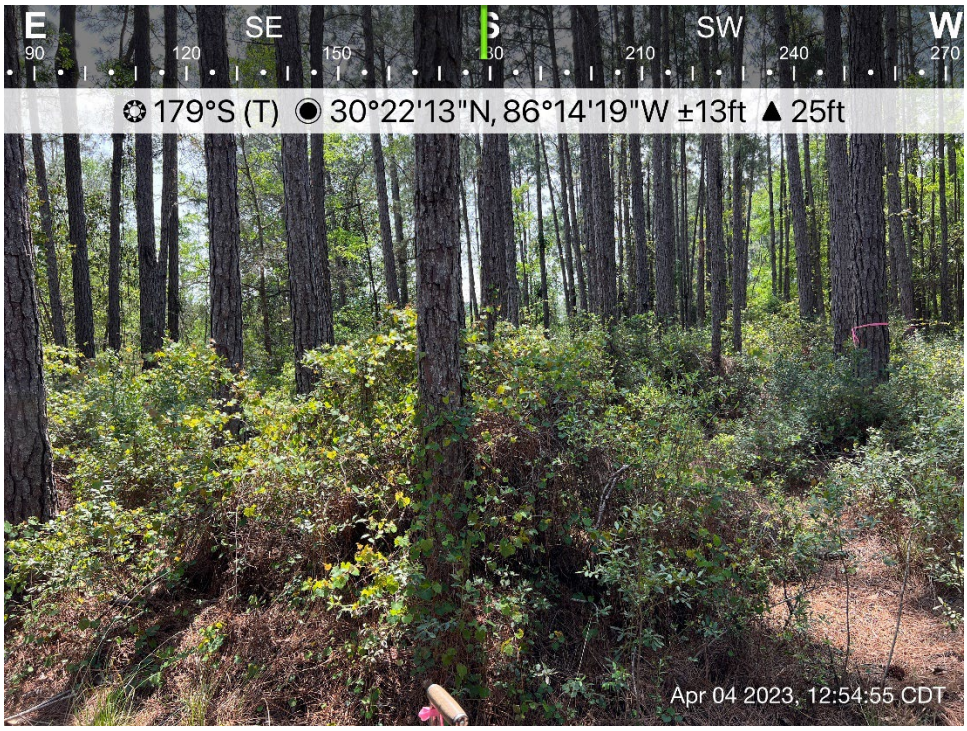
From The Florida Wetlands Delineation Manual pg. 37

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 stablized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and
(d) Is designed to take into acount the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge.

UP_04_04_23 (1)

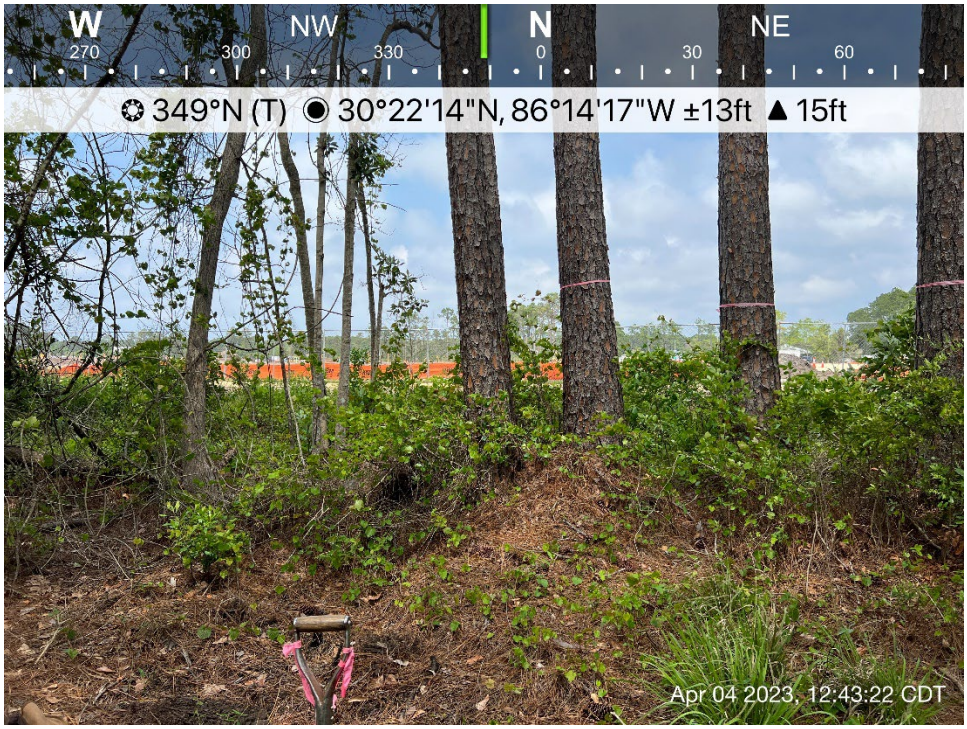


UP_04_04_23 (2)

UP_04_04_23 (3)

UP_04_04_23 (4)

UP_04_04_23 (5)



Wet1_04_04_23 (1)

Wet1_04_04_23 (2)

Wet1_04_04_23 (3)

Wet1_04_04_23 (4)

Wet1_04_04_23 (5)

Wet1_04_04_23 (6)

Wet1_04_04_23 (7)

Wet1_04_04_23 (8)

Wet1_04_04_23 (9)

Wet1_04_04_23 (10)

Wet1_04_04_23 (11)

Information Required for a WOTUS Determination in State-assumed Waters

I. General Information

The following information is necessary 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).
- X There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.C)

  The applicant proposes to impact 0.126 acres of an *isolated wetland* for the expansion of a public recreational facility. The isolated wetland does not connect to any significant systems outside this general area and does not appear to have a positive discharge to any surrounding system.

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

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

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

(1)(i) Name	(1)(i) Size	(1)(i) Criteria	Rationale for (1)(i) Determination
N/A			

Note: All Territorial Seas and any Traditional Navigable Water (TNW) 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 in adjacent wetlands or other surface waters within 300 feet of the mean high tide line or ordinary high water mark, please apply to the US Army Corps of Engineers (USACE) for a permit or jurisdictional determination under Section 404 of the Clean Water Act.

Authority: The Department does not have authority to determine whether a waterbody is a TNW and must rely on USACE determinations. All waters listed in Appendix B of the 404 Handbook are TNWs. A TNW may also be any waterbody not listed in Appendix B of the 404 Handbook that has been previously designated as a TNW in a USACE-issued Approved Jurisdictional Determination (AJD).

Tributaries ((1)(ii) waters)

(1)(ii) Name	(1)(ii) Size	(1)(ii) Criteria	Rationale for (1)(ii) Determination
N/A			

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

(1)(iii) Name	(1)(iii) Size	(1)(iii) Criteria	Rationale for (1)(iii) Determination
N/A			

Adjacent wetlands ((1)(iv) waters)

(1)(iv) Name	(1)(iv) Size	(1)(iv) Criteria	Rationale for (1)(iv) Determination
N/A			

C. Excluded Waters or Features

Excluded waters ((2)(i) – (2)(xii))

Name	Size	(2) Exclusion	Rationale for Exclusion Determination
Isolated wetlands	**5,415 SF/ 0.51 AC**	**(i) Not connected/surrounded by uplands**	**Isolated wetland**

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.

X Information submitted by, or on behalf of, the applicant/consultant (Title(s) and date(s)):

See attached the Permitting Exhibit package showing the wetland delineation and other supporting documentation like aerials, soil map, topo, and historic aerials.

X Current 62-340, F.A.C. delineation:

See attached the Permitting Exhibit package showing the wetland delineation conducted by Biome Consulting Group and other supporting documentation like aerials, soil map, topo, and historic aerials.

X Aerial photographs:

See attached the Permitting Exhibit package showing the wetland delineation and other supporting documentation like aerials, soil map, topo, and historic aerials.

☐ 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.):

X USDA NRCS Soil Survey (Title(s) and/or date(s)):

See attached the Permitting Exhibit package showing the wetland delineation and other supporting documentation like aerials, soil map, topo, and historic aerials.

☐ USFWS NWI maps (Title(s) and/or date(s)):

X USGS topographic maps (Title(s) and/or date(s)):

See attached the Permitting Exhibit package showing the wetland delineation and other supporting documentation like aerials, soil map, topo, and historic aerials.

Other data sources used to aid in this determination:

Data source	Name and/or date and other relevant information
USGS Sources	**Google Earth Pro map suite**
USDA Sources	**Google Earth Pro map suite**
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:

Wetland delineation was conducted by Biome Consulting Group in May 2022, see attached.

C. Additional comments to support the WOTUS jurisdictional determination

N/A or provide additional discussion as appropriate:

Wetland isolated, surrounded by uplands and development. No other positive connection to any other wetland, surface water, ditch, TNW/RPW.

IV. Agency Approval [For Internal Agency Use Only]

This State 404 Program WOTUS Information Form was reviewed and approved by the following Department Certified Wetland Evaluator(s) (CWE):

Name of CWE

Approval Date

Field Review Date(s)

Gregory Leenig Gregory Leenig May 26, 2023

Name of CWE Approval Date

April 4, 2023

Field Review Date(s)

Disclaimer: This form is only intended to assist the Florida Department of Environmental Protection in administering their approved state Clean Water Act Section 404 program. This form 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 form 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.

Helen McCall Recreation Park
Multiple Parcels
325 Moll Drive, Santa Rosa Beach
Walton County, Florida 32439

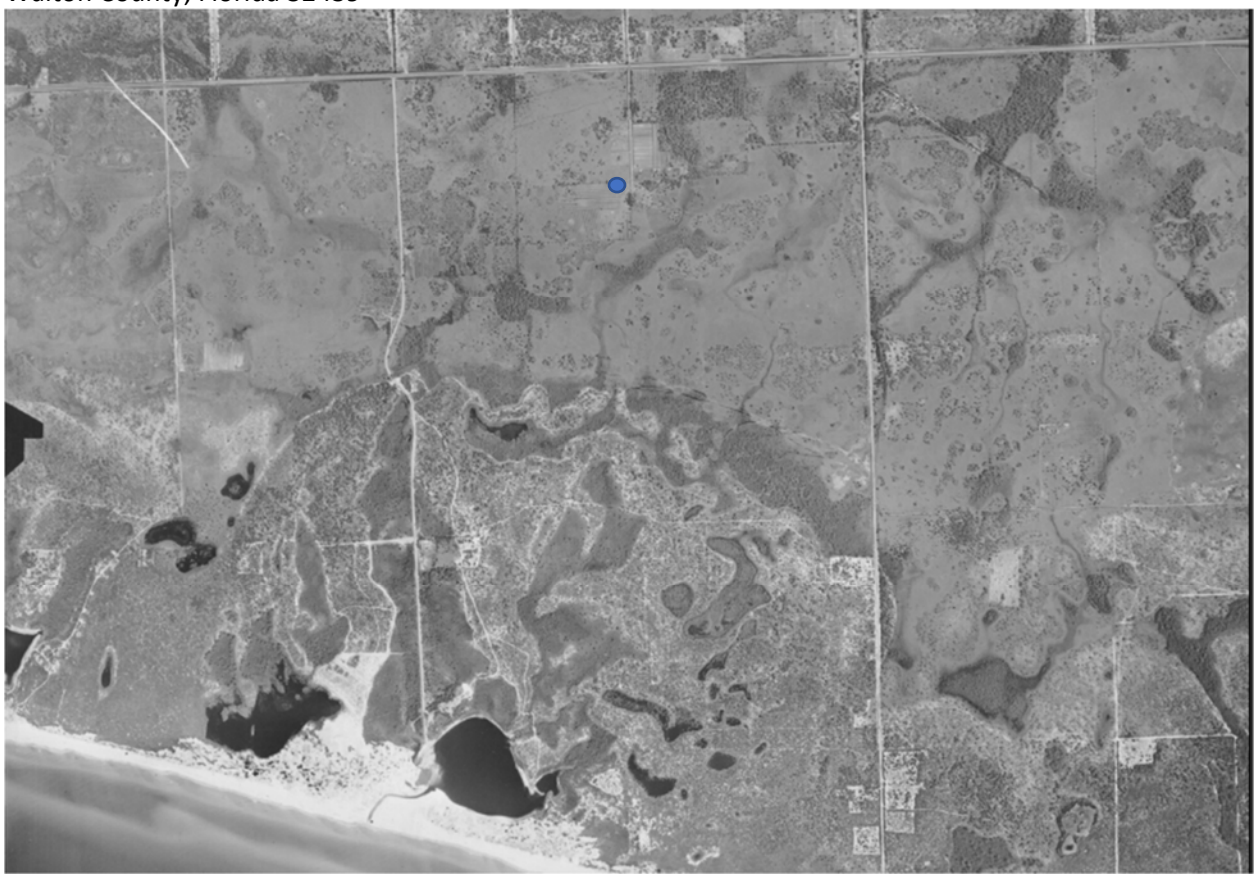


Exhibit 1: 1949 aerial photo of subject property. Blue dot indicates approximate center location of project site. Photo obtained from UF Aerial Photography of Florida: https://original-ufdc.uflib.ufl.edu/UF00071791/00013/46x?coord=30.374429272348582,-86.24614810608561,30.36461721878914,-86.2286386456364

Helen McCall Recreation Park
Multiple Parcels
325 Moll Drive, Santa Rosa Beach
Walton County, Florida 32439

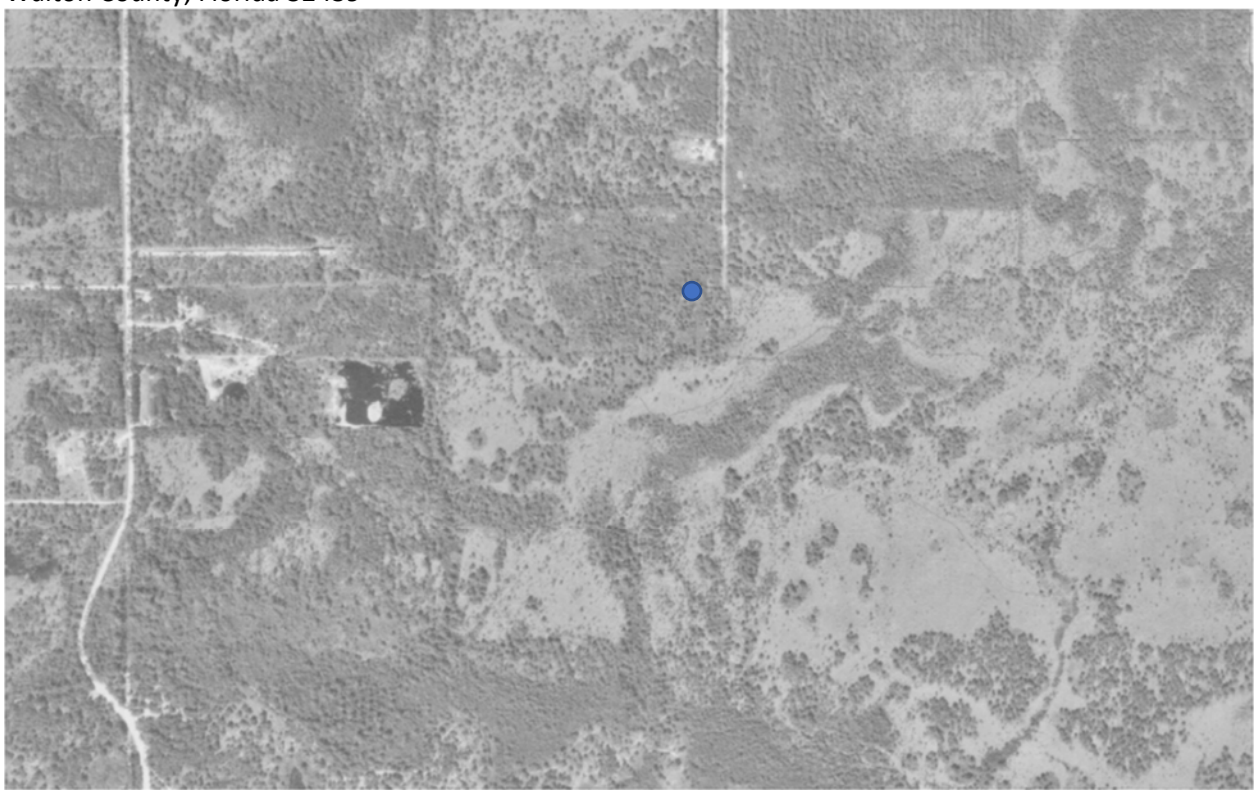


Photo 2: 1974 aerial photo of subject property. Blue dot indicates the approximate center location of project site. Photo obtained from UF Aerial Photography of Florida: https://original-ufdc.uflib.ufl.edu/UF00071791/00020/187x?coord=30.374429272348582,-86.24614810608561,30.36461721878914,-86.2286386456364

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Exhibit 3: 1990-1999 aerial photo of subject property. Blue dot indicates approximate center location of project site. Photo obtained from FDOT.

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Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
21	Leon sand, 0 to 2 percent slopes	14.8	26.1%
27	Rutlege fine sand, 0 to 2 percent slopes	36.6	64.6%
63	Pickney sand, depressional	4.9	8.6%
99	Water	0.4	0.7%
Totals for Area of Interest		**56.6**	**100.0%**

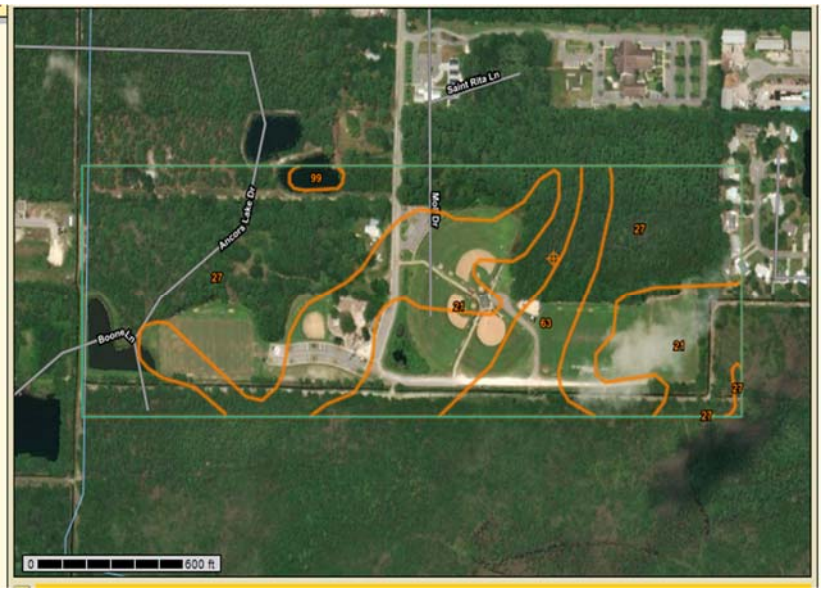

Exhibit 4: Photo 6: USGS Soil Map of subject property. Soils map obtained from USGS: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

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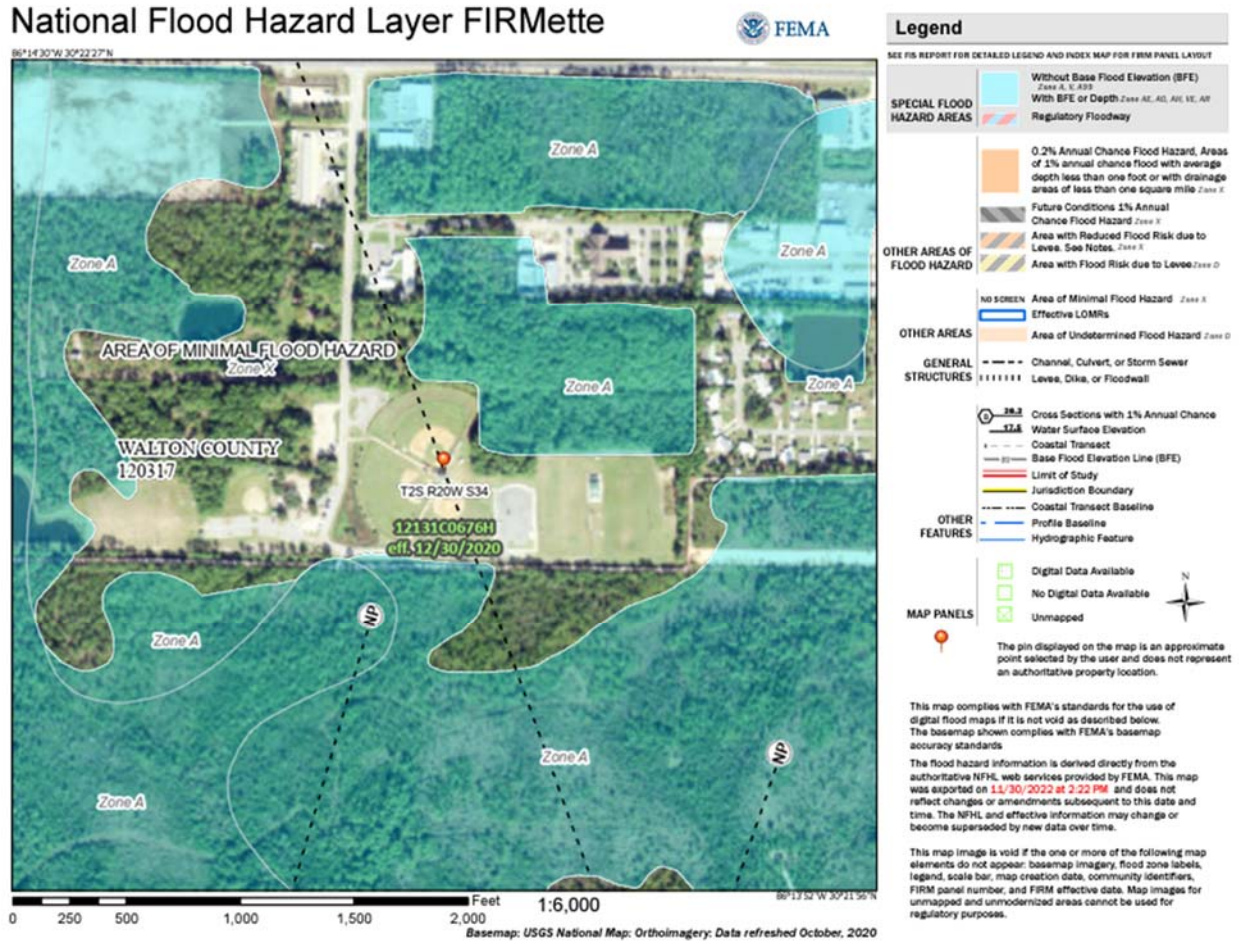

Photo 5: FEMA Flood Zone Map of subject property. Red marker indicates location of subject property. Map obtained from FEMA:
https://msc.fema.gov/portal/search?AddressQuery=325%20moll%20drive%2C%20santa%20rosa%20beach%20fl#searchresultsanchor