PERDIDO RIVER AND BAY PADDLE TRAIL FINAL DESIGN PLANS

THE NATURE CONSERVANCY - ESCAMBIA COUNTY PROJECT NO. D3291200 - CONTRACT NO. 20141028_001



The Nature Conservancy

Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature

Printed Name: Third Fam Plan

Date

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.



VICINITY MAP

SITE INFORMATION

DEVELOPER INFORMATION: THE NATURE CONSERVANCY

PERDIDO RIVER AND BAY PADDLE TRAIL 2500 MAITLAND CENTER PARKWAY,

SUITE311
MAITLAND, FL 32751

PHONE: (407) 682-3664 ATTN: BOB BENDICK

ENGINEER:

ENGINEER INFORMATION: 25 W CEDAR STREET, SUITE 350 PENSACOLA, FL 32502

PHONE: (850) 941-7283

ON DEPARTMENTAL PROTECTION



THE PERDIDO RIVER AND BAY PADDLE TRAIL CONSTRUCTION DRAWINGS WERE PREPARED BY THE NATURE CONSERVANCY'S GULF OF MEXICO PROGRAM AND JACOBS ENGINEERING GROUP, UNDER AGREEMENT NUMBER DHOOS WITH FUNDS AND SUPPORT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S (FDEP) DEEPWATER HORIZON PROGRAM AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWMD), AND WAS MADE POSSIBLE THROUGH NATURAL RESOURCE DAMAGE ASSESSMENT (NRDA) FUNDING.

DRAWING INDEX					
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VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWMAG

DATE
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TREE CHART:

ree ID Number	Tree Type	Diameter at Breast Height (in)	Critical Root Zone (ft)	Site Located	Northing	Easting	Sheet Numbe
1	CEDAR	19	38	OTTO HILL	617966.4047	1055594.344	005-C-2201
2	OAK	18	36	OTTO HILL	617962.2067	1055578.361	005-C-2201
3	CEDAR	18	36	OTTO HILL	617956.5166	1055616.625	005-C-2201
4	CEDAR	19	38	OTTO HILL	617932.8149	1055603.239	005-C-2201
5	CEDAR	26	52	OTTO HILL	617911.1047	1055583.124	005-C-2201
6	CEDAR	12	24	OTTO HILL	617904.9596	1055627.181	005-C-2201
7	CEDAR	14	28	OTTO HILL	617901.8455	1055622.724	005-C-2201
8	CEDAR	17	34	OTTO HILL	617877.6074	1055588.322	005-C-2201
9	CEDAR	14	28	OTTO HILL	617882.824	1055616.461	005-C-2201
10	CEDAR	15	30	OTTO HILL	617883.9183	1055630.731	005-C-2201
11	CEDAR	13	26	OTTO HILL	617880.826	1055628.339	005-C-2201
12	OAK	12	24	OTTO HILL	617854.679	1055619.828	005-C-2201
13	CEDAR	18	36	OTTO HILL	617707.6114	1055266.184	005-C-2201
14	CEDAR	26	52	OTTO HILL	617696.9256	1055285.046	005-C-2201
15	CEDAR	24	48	OTTO HILL	617677.6437	1055236.536	005-C-2201
16	CEDAR	19	38	OTTO HILL	617658.0741	1055251.76	005-C-2201
17	CEDAR	15	30	OTTO HILL	617662.2267	1055360.324	005-C-2201
18	CEDAR	13	26	OTTO HILL	617916.1073	1055607.106	005-C-2201
19	CEDAR	12	24	OTTO HILL	617769.407	1055530.448	005-C-2201
20	CEDAR	12	24	OTTO HILL	617781.937	1055556.381	005-C-2201
21	CEDAR	14	28	OTTO HILL	617802.127	1055592.858	005-C-2201
22	CEDAR	16	32	OTTO HILL	617809.1133	1055553.631	005-C-2201
23	CEDAR	17	34	BURNT CAR	599145.3531	1058061.539	005-C-2202
24	CEDAR	18	36	BURNT CAR	599112.8229	1058039.814	005-C-2202
25	CEDAR	21	42	BURNT CAR	599108.5264	1058042.139	005-C-2202
26	CEDAR	30	60	BURNT CAR	599111.3017	1058084.717	005-C-2202
27	CEDAR	15	30	MUSCOGEE	590159.1971	1053726.744	005-C-2203
28	OAK	13	26	MUSCOGEE	590098.6923	1053650.522	005-C-2203
29	CEDAR	12	24	MUSCOGEE	590077.2908	1053713.714	005-C-2203
30	CEDAR	12	24	MUSCOGEE	590139.015	1053675.274	005-C-2203
31	CYPRESS	26	52	HORSE TRAIL CAMP	579795.1945	1050355.1	005-C-2204
32	CYPRESS	26	52	BLACK LAKE LANDING	553390.1216	1047176.748	005-C-2207
33	CYPRESS	16	32	BLACK LAKE LANDING	553375.431	1047168.016	005-C-2207

MISCELLANEOUS NOTES:

- SURVEY PERFORMED BY RUBEN SURVEYING & MAPPING IN DECEMBER 2019.
- THE BENCHMARK DATUM IS NAVD 1988.

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TREES AND WETLANDS WERE EVALUATED BY THE NATURE CONSERVANCY (TNC) IN NOVEMBER 2019
PROTECTED TREES WERE FLAGGED AND ARE SHOWN IN THE SURVEY. NO WETLANDS WERE OBSERVED IN THE
IMMEDIATE VICINITY OF THE PROPOSED IMPROVEMENTS.

FLOOD ZONE AND FINISHED FLOOR ELEVATION (FFE) INFORMATION:

- THE PARCELS SHOWN FOR DEVELOPMENT ARE LOCATED WITHIN THE FOLLOWING FLOOD ZONES AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW.
- FOR THIS PROJECT, PROPOSED STRUCTURES LOCATED IN ZONE AE FLOOD ZONES (WITH BASE FLOOD ELEVATION ESTABLISHED) ARE PERMITTED BY ESCAMBIA COUNTY TO HAVE FINISHED FLOOR ELEVATIONS (FFE) CONSTRUCTED TO BE MIN. AT THE BASE FLOOD ELEVATION PROVIDED THE GAZEBOS CONTAIN FLOOD VENTS. FOR THIS PROJECT, PROPOSED STRUCTURES LOCATED IN ZONE A FLOOD ZONES (NO BASE FLOOD ELEVATION ESTABLISHED) ARE PERMITTED BY ESCAMBIA COUNTY TO BE MIN. 3 FT ABOVE EXISTING GRADE.

Project Site	Parcel No.	FIRM No.	Flood Zone/BFE
Otto Hill	25-2N-32-1000-000-000	12033C0220G	A - N/A
Burnt Car	12-1N-32-1000-000-001	12033C0260G	A - N/A
Muscogee	24-1N-32-1120-000-000	12033C0260G	A - N/A
Horse Trail	35-1N-32-1000-000-000	12033C0260G	A - N/A
Sand Landing	10-1S-32-1000-000-000	12033C0265G	A - N/A
Lane Landing	22-15-32-1000-000-000	12033C0270G	AE - BFE 7'
Black Lake	22-15-32-1000-000-000	12033C0335G	AE - BFE 7'

GENERAL NOTES:

- THIS PROJECT IS PROPOSED BY CONSERVATION/ENVIRONMENTAL PROTECTION ORGANIZATIONS THE NATURE CONSERVANCY, NORTH WEST FLORIDA WATER MANAGEMENT DISTRICT, AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. EVERY EFFORT WILL BE MADE TO MINIMIZE IMPACTS TO NATURAL RESOURCES. CONSTRUCTION IMPACTS WILL GENERALLY BE LIMITED TO INSTALLATION OF POSTS AND SUPPORT PILES FOR ELEVATED GAZEBOS, STAIRS, AND RAMPS. THE INTENT OF THE PROJECT IS TO CONSTRUCT PRIMITIVE TEMPORARY USE IMPROVEMENTS AND PRESERVE EXISTING CONDITIONS TO THE MAXIMUM EXTENT POSSIBLE.
- NO IMPERVIOUS SURFACES ARE PROPOSED ALL PROPOSED IMPROVEMENTS ARE ELEVATED WOODEN STRUCTURES. ALL PROJECT SITES ARE REMOTE AND PUBLIC ACCESS IS INTENDED TO BE BY WATER ONLY. TRASH AND WASTE WILL BE "PACKED OUT" WITH THE USERS. THERE IS NO POTABLE WATER OR FIRE INFRASTRUCTURE/SERVICE AVAILABLE. THERE IS NO SEWER SERVICE AVAILABLE. THERE IS NO SEWER SERVICE AVAILABLE AND NO SEPTIC TANKS PROPOSED SOME SITES WILL CONTAIN PORTABLE TOILETS THAT WILL BE SERVICED BY LICENSED WASTE MANAGEMENT/DISPOSAL CONTRACTORS.
- NO WETLANDS WERE OBSERVED WITHIN 20 FEET OF PROPOSED STRUCTURES. THERE WILL BE NO WETLAND IMPACTS ASSOCIATED WITH THE PROPOSED IMPROVEMENTS.
- 4. SEE S-SERIES SHEETS FOR STRUCTURAL CONSTRUCTION DETAILS.

GENERAL CONSTRUCTION NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF ESCAMBIA COUNTY, FLORIDA.
- THE CONTRACTOR SHALL NOTIFY THE NATURE CONSERVANCY AND THE NORTH WEST FLORIDA WATER MANAGEMENT DISTRICT FIVE DAYS PRIOR TO STARTING WORK. THE NATURE CONSERVANCY: (251)-348-0872

NORTH WEST FLORIDA WATER MANAGEMENT DISTRICT: (850)-539-5999

- THE EXISTING OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING OBSTRUCTIONS AND ANY DAMAGE TO THEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MECHANICAL EXCAVATION SHALL NOT BE CONDUCTED WITHIN 3 FEET HORIZONTALLY OR WITHIN 2 FEET VERTICALLY OF KNOWN UTILITY LOCATIONS. HAND OR SOFT DIGGING SHALL BE DONE WITHIN THESE LIMITS. UNDERGROUND UTILITIES, ONCE UNCOVERED, SHALL BE PROTECTED FROM BEING STRUCK BY EQUIPMENT.

 IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
- ALL FILL AREAS SHALL BE CLEARED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES PRIOR TO THE PLACEMENT OF FILL. FILL MATERIAL SHALL BE PLACED IN CONTROLLED LIFTS WITH A MAXIMUM THICKNESS OF 8 INCHES PRIOR TO COMPACTION THAT IS CONTINUOUS OVER THE ENTIRE AREA OF FILL. EACH LAYER OF FILL SHALL BE COMPACTED WITH THE MINIMUM NUMBER OF PASSES NECESSARY TO PRODUCE A FULL ASYMPTOTIC COMPACTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS TESTING.
- ALL DISTURBED AREAS SHALL HAVE PERMANENT OR TEMPORARY STABILIZATION
 - A. END OF THE WORK DAY FOR AREAS WITHIN WATERWAYS.
- B. THREE CALENDAR DAYS ON SLOPES GREATER THAN 3:1 AND TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS.
- C. SEVEN CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS.
- ALL TREES WITH A DIAMETER OF 12 INCHES OR GREATER WITHIN THE LIMIT OF DISTURBANCE SHALL NOT BE REMOVED UNLESS PRIOR APPROVAL IS OBTAINED OR EXPLICITLY SHOWN ON THE PLANS TO BE REMOVED. ALL TREES TO REMAIN WITHIN THE LIMIT OF DISTURBANCE THAT ARE NOT TO BE REMOVED SHALL BE PROTECTED WITH THE TREE PROTECTION FENCING.
- ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH STATE OF FLORIDA OCCUPATIONAL SAFETY LAWS.
 CONTRACTOR MUST ENSURE THAT COPIES OF FEDERAL, STATE, AND COUNTY PERMITS ARE MAINTAINED ON SITE DURING CONSTRUCTION.
- ARE MAINTAINED ON SITE DURING CONSTRUCTION.

 12. CONTRACTOR SHALL RESTORE ALL AREAS IMPACTED BY CONSTRUCTION ACTIVITY. THIS SHALL INCLUDE BUT NOT LIMITED TO GRASS AREAS, ROADS, PAVED AREAS, ETC.

 13. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE UTILITY, THEN THE ENGINEER, IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, LINE, OR OTHER UNUSUAL CONDITION. EXISTING CONDITIONS ARE BASED ON SURVEYS BY RUBEN SURVEYING AND MAPPING IN DECEMBER 2019.

 14. CONTRACTOR SHALL SAFETY-RARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
- 14. CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS
- CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
 THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES, OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. WATERS OF THE STATE, ADJACENT PROPERTIES, AND ANY NEW DRAINAGE CONSTRUCTED SHALL BE PROTECTED DURING THE ENTIRE CONSTRUCTION PERIOD. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER.
 ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, WATER COURSES, AND OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION.
- ALL NEW CONCRETE FOR SITE WORK SHALL ACHIEVE A 28 DAY STRENGTH OF 3,000 PSI (MIN.), UNLESS OTHERWISE SPECIFIED.

ESCAMBIA COUNTY PLANNING AND ZONING NOTES:

- FOR ALL PRINCIPAL STRUCTURES, MINIMUM SETBACKS ARE:
 - A. FRONT AND READ: 25 FEET

 B. SIDES: 5 FEET OR 10 PERCENT OF THE LOT WIDTH AT THE STREET RIGHT-OF-WAY, WHICHEVER IS GREATER, BUT NOT REQUIRED TO EXCEED 15 FEET.

ESCAMBIA COUNTY ENVIRONMENTAL NOTES:

DEVELOPMENT SITES SHALL REMAIN UNDISTURBED AND VEGETATED, INCLUDING TREES, UNTIL SUCH TIME AS APPROVED PERMITS FROM ESCAMBIA COUNTY ALLOWS FOR THEIR CONSTRUCTION. INCLUDING NO FILL TO BE PLACED ON SITE, GRADING, EXCAVATING, OR OTHER "LAND DISTURBING ACTIVITIES", ETC SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PER CODE AND PRIOR TO INITIATION.

ESCAMBIA COUNTY STORMWATER NOTES:

- 1. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

 2. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATIONS.

 3. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.

 4. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL COUNTY ACCEPTANCE.

FLORIDA DEPARTMENT OF HEALTH (FDOH) NOTES:

- 1. COMPOSTING TOILET AT HORSE TRAIL CAMP SITE SHALL BE SUN-MAR CENTREX
- POTABLE TOILETS SHALL BE INSTALLED ON ALL OTHER TOILET PLATFORMS. PORTABLE TOILETS SHALL BE SUPPLIED BY BOYETT'S SEPTIC TANK & POTABLE TOILETS, (850) 944-5536 (OR OTHER SUPPLIER APPROVED BY THE FLORIDA DEPARTMENT OF HEALTH).

LEGEND

EXISTING

PROPOSED

DESCRIPTION CONTOUR LINE

TREES BORING LOCATION CONTROL POINT LOCATION

SILT FENCE WETLANDS

SITES OWNED BY: NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 81 WATER MANAGEMENT DR. HAVANNA, FL 32333 PHONE: (850) 539-5999 (TYLER MACMILLAN) HORSE TRAIL BURNT CAR отто ни REFERENCE NUMBER 1015321000000000 351N321000000000 241N321120000000 1N32100000000 ACREAGE ZONING 356 CON 375.9 337.9 CON CON CON CON 36.4 257.6 FUTURE LAND USE THE NATURE CONSERVANCE SITES OWNED BY 601 N UNIVERSITY AVE, STE 2. LITTLE ROCK, AR 72205 PHONE: (251) 348-0872 (JEFF DEQUATTRO) BLACK LAKE REFERENCE NUMBER 22153210000000000 2215321000000000 2287.4 CON FUTURE LAND USE CON

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PLOT DATE: SPLOTDATE

PLOT TIME: \$PLOTTIME





























