

April 16, 2024

PROJECT NAME: HEAGY BURRY BOAT RAMP IMPROVEMENTS - REVISION

PROJECT NUMBER: 2014030034

APPLICATION: MAJOR SITE PLAN REVISION #31296

- 1 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.21.2.B - Major Site Plan fee per 23-R-254
STATUS OF REVIEW: INFO
REMARKS: 3/25/24-fee due with resubmittal - sk
- 2 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.12.4.K - List of approved waivers, their conditions, and the date of approval
STATUS OF REVIEW: INFO
REMARKS: 3/25/24-add waivers if requested in future
- 3 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: Additional Development Review Comments
STATUS OF REVIEW: INFO
REMARKS: After approval, plans will be electronically stamped by the County. The applicant will receive an email indicating that approved plans are available for download and are located in the ePlans project Approved folder. For Development Review submittals, with the exception of Final Plats and Minor Site Plans, applicants are required to print, obtain required signatures, and sign and seal two 24"x 36" sets of the electronically stamped approved plan and deliver them to the Office of County Engineer, Development Review Section, located at 412 SE 25th Avenue Ocala, FL 34471. Upon receipt, a development order will be issued. Until such time as that development order is issued, the project does not have final approval and construction, if applicable, shall not commence. For plans requiring As-Builts, As-Builts and associated documentation shall be submitted on paper in accordance with current county requirements.
- 4 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: Parcel numbers identified in project match proposed site plan layout
STATUS OF REVIEW: INFO
REMARKS: 02789-001-00 (on application) is no longer a valid parcel number
- 5 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2 A(1) - Water and Sewer Connection service area/provider
STATUS OF REVIEW: INFO
REMARKS: Marion County Utilities service area; no available mains for connection at this time - defer to DOH for any onsite water/wastewater management
- 6 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: Utilities Plan Review Fee per Resolution 15-R-583 - payable to Marion County Utilities
STATUS OF REVIEW: INFO
REMARKS: no Utility fee for revised plans (revision of AR 30905 - revision of AR 13066)
- 7 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: Additional Health comments
STATUS OF REVIEW: INFO
REMARKS: Septic permit must be applied through the Department of Health in Marion County
- 8 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: Additional Planning Items:

STATUS OF REVIEW: INFO

REMARKS: Approved major site plan - AR13066 modification for well/septic - AR30905. This current modification is solely for sheet 14, boat ramp details with no other changes to initial design.

9 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION

REVIEW ITEM: Additional Landscape comments

STATUS OF REVIEW: INFO

REMARKS: no landscape revisions this submittal

10 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 2.12.24 - Landscape requirements/6.8.6 - Buffering

STATUS OF REVIEW: INFO

REMARKS: Show proposed buffers.

11 DEPARTMENT: ZONE - ZONING DEPARTMENT

REVIEW ITEM: 4.4.4 -Sign (provisions for advertising signage), if it is a multi occupancy complex like shopping centers they must submit a master sign plan

STATUS OF REVIEW: INFO

REMARKS: 3/26/24 - will there be any new/additional signage?



Marion County Board of County Commissioners

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

DEVELOPMENT REVIEW PLAN APPLICATION

Date: March 14, 2024

A. PROJECT INFORMATION:

Project Name: HEAGY BURRY BOAT RAMP IMPROVEMENTS

Parcel Number(s): 02786-005-00; 02789-001-00

Section ²¹ _____ Township ¹² _____ Range ²¹ _____ Land Use RURAL LANDS/PUBLIC Zoning Classification G-U

Commercial Residential Industrial Institutional Mixed Use Other PUBLIC USE

Type of Plan: MAJOR SITE PLAN

Property Acreage ^{4.53} _____ Number of Lots _____ Miles of Roads _____

Location of Property with Crossroads On NW 191 Place, approx. 0.65 miles east of US-441

Additional information regarding this submittal: This is a amendment to the previously approved plans under Marion County AR Number:30905.

This revision consists of amending sheet 14 (Boat Ramp Details) of the plan set per owner's request. No design aspects of the plan will be changed.

B. CONTACT INFORMATION *(Check the appropriate box indicating the point for contact for this project. Add all emails to receive correspondence during this plan review.)*

Engineer:

Firm Name: Kimley-Horn & Associates, Inc. Contact Name: Richard V. Busche

Mailing Address: 1700 SE 17th Street, Suite 200 City: Ocala State: FL Zip Code: 34471

Phone # 352-438-3000 Alternate Phone # _____

Email(s) for contact via ePlans: ocala.permits@kimley-horn.com

Surveyor:

Firm Name: _____ Contact Name: _____

Mailing Address: _____ City: _____ State: _____ Zip Code: _____

Phone # _____ Alternate Phone # _____

Email(s) for contact via ePlans: _____

Property Owner:

Owner: Marion County Board of County Commissioners Contact Name: _____

Mailing Address: 601 SE 25th Avenue City: Ocala State: FL Zip Code: 34471

Phone # 352-671-8560 Alternate Phone # _____

Email address: joey.amodo@marionfl.org

Developer:

Developer: _____ Contact Name: _____

Mailing Address: _____ City: _____ State: _____ Zip Code: _____

Phone # _____ Alternate Phone # _____

Email address: _____

Revised 6/2021



Marion County
FLORIDA
PARKS AND RECREATION

HEAGY BURRY BOAT RAMP IMPROVEMENTS, PHASE 1 AND 2 MAJOR SITE PLAN

FOR MARION COUNTY BOARD OF COUNTY COMMISSIONERS

MARION COUNTY, FLORIDA SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST

GENERAL NOTES

LAND USE DEVELOPMENT DATA
PARCEL IDENTIFICATION NUMBER: 02786-005-00, 02908-001-00.
PRESENT ZONING: G-U
ABUTTING ZONING: NORTH - B-2
 EAST - B-2
 SOUTH - R-4
 WEST - B-2/R-4
LAND USE: RURAL LANDS/PUBLIC

AREA DESCRIPTION	PHASE 1	PHASE 2	TOTALS
PROPOSED SITE AREA	2.86	1.67	4.53
PROPOSED IMPERVIOUS AREA	1.35	0.87	2.22
PROPOSED PERVIOUS AREA	1.51	0.80	2.31
PROJECT AREA IN FLOODPLAIN	0.10	0.00	0.10

WATER: POTABLE WATER WILL BE PROVIDED BY AN EXISTING WELL.
SEWER: WASTEWATER FACILITIES WILL BE BY ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS (O.S.T.D.S.) AND WILL BE MAINTAINED BY THE MARION COUNTY PARKS AND RECREATION DEPARTMENT.
GARBAGE: SOLID WASTE PICKUP WILL BE PROVIDED BY MARION COUNTY.
OWNERSHIP AND MAINTENANCE: THE PROJECT AREA AND ALL IMPROVEMENTS ARE OWNED BY THE MARION COUNTY BOARD OF COUNTY COMMISSIONERS. ALL IMPROVEMENTS AND COMMON AREAS WILL BE MAINTAINED AND MANAGED BY THE MARION COUNTY PARKS AND RECREATION DEPARTMENT.
EASEMENTS: ALL EASEMENTS ARE DESIGNATED ON THE PLANS.
FEMA DESIGNATION: THE PROJECT AREA LIES IN FLOOD HAZARD ZONE AE, WITH A BASE FLOOD ELEVATION OF 60.8', FLOOD HAZARD ZONE AE, WITH A BASE FLOOD ELEVATION OF 61' AND IN ZONE 'X', AN AREA OF 0.2% ANNUAL CHANCE OF FLOOD ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL NUMBERS 12001C0615D AND 12083C0140D, EFFECTIVE DATE AUGUST 28, 2008.
MARION COUNTY SPRINGS PROTECTION ZONE: SECONDARY ZONE
ENVIRONMENTALLY SENSITIVE OVERLAY ZONE: ORANGE LAKE (SHORELINE ONLY)
DRAINAGE: THE DRAINAGE SYSTEM WILL BE MAINTAINED BY MARION COUNTY.
LOCAL BENCHMARK: VERTICAL DATUM IS BASED ON NGVD 29, PROJECTED FROM BENCHMARK BM-1459-15, MARION COUNTY VERTICAL CONTROL STATION, ELEV. 58.965 FEET.
STATE PLANE COORDINATE: THE BASIS OF BEARING IS AN ASSUMED BEARING OF S89°44'05"E, BETWEEN FOUND MONUMENTATION, ALONG THE SOUTH LINE OF SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST.

ADDITIONAL NOTES
 - TOPOGRAPHIC INFORMATION PROVIDED BY: GEORGE F. YOUNG, INC. AND GPI SOUTHEAST, INC.
 - TOPOGRAPHY SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 - A PERMIT MUST BE OBTAINED FROM MARION COUNTY ENGINEERING DEPARTMENT (RIGHT-OF-WAY DIVISION) PRIOR TO COMMENCEMENT OF ANY IN WORK IN THE COUNTY RIGHT-OF-WAY.
 - THIS PROJECT HAS NOT BEEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY PUBLIC FACILITY CAPACITIES. FUTURE RIGHTS TO DEVELOP THE RESULTING PROPERTY(IES) ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION, AND FINAL APPROVAL TO DEVELOP THE PROPERTY HAS NOT BEEN OBTAINED. THE COMPLETION OF CONCURRENCY REVIEW AND/OR APPROVAL HAS BEEN DEFERRED TO LATER DEVELOPMENT REVIEW STAGES, SUCH AS, BUT NOT LIMITED TO, MASTER PLAN, SUBDIVISION PLAT, SITE PLAN, AND/OR BUILDING PERMIT REVIEW.

PROJECT OWNER AND CONSULTANTS

OWNER/APPLICANT:
 MARION COUNTY BOARD OF COUNTY COMMISSIONERS
 601 SE 25TH AVENUE
 OCALA, FLORIDA 34471

CIVIL ENGINEERING CONSULTANT:
 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200
 OCALA, FLORIDA 34471
 (352) 438-3000

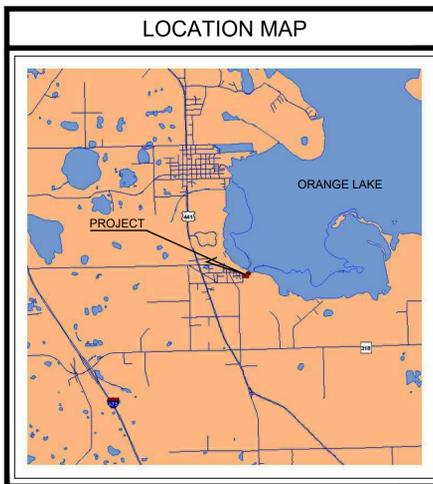
DUKE ENERGY
 4359 SE MARICAMP ROAD
 OCALA, FLORIDA 34480
 (352) 239-0970

SURVEYOR:
 GEORGE F. YOUNG, INC.
 1905 SOUTH MAIN STREET
 GAINESVILLE, FLORIDA 32601
 (352) 378-1444

SURVEYOR:
 GPI SOUTHEAST, INC.
 1414 SW MLK JR. AVE
 OCALA, FL 34474
 (352) 368-5055

GEOTECHNICAL ENGINEER:
 UNIVERSAL ENGINEERING SCIENCES, INC.
 4475 SW 35TH TERRACE
 GAINESVILLE, FLORIDA 32608
 (352) 372-3392

MARCH 2024



APPROVED MARION COUNTY WAIVERS

1.	04/21/2014	6.13.7.B.(3)	GEOTECHNICAL CRITERIA (DRA-01A, DRA-01B)
2.	04/21/2014	6.13.3.D.(2)	STORMWATER FACILITY CRITERIA (DRA-01A, DRA-01B)
3.	04/21/2014	6.13.5.D.	FLOOD PLAIN MAP AMENDMENT
4.	04/21/2014	6.8.6	BUFFERING
5.	06/02/2014	6.10.7	KARST FEATURE CONSERVATION

I HEREBY CERTIFY THAT I, MY SUCCESSORS AND ASSIGNS SHALL PERPETUALLY OPERATE AND MAINTAIN THE STORMWATER MANAGEMENT SYSTEM AND ASSOCIATED ELEMENTS IN ACCORDANCE WITH THE SPECIFICATIONS SHOWN HEREIN AND ON THE APPROVED PLANS.

JAMES COUILLARD, DIRECTOR
 MARION COUNTY PARKS AND RECREATION DEPARTMENT

I HEREBY CERTIFY THAT THESE PLANS WERE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY LAND DEVELOPMENT CODE, EXCEPT AS WAIVED.

RICHARD V. BUSCHKE, P.E.
 FLORIDA LICENSE NUMBER 58558

DRAWING INDEX

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- S-04 SURVEY
- S-01 HYDROGRAPHIC SURVEY
- S-01 HYDROGRAPHIC SURVEY

PROJECT TRAFFIC STATEMENT:
 THE PROPOSED MODIFICATIONS TO THE HEAGY BURRY BOAT RAMP PARK INCLUDE IMPROVEMENTS TO THE PARK'S PARKING LOT LAYOUT AND INTERNAL TRAFFIC CIRCULATION. NO ADDITIONAL BOAT RAMPS ARE BEING PROPOSED. THE PROJECT'S APPLICABLE LAND USE CODE WITHIN THE INSTITUTE OF TRANSPORTATION ENGINEERS' (ITE) TRIP GENERATION MANUAL, 9TH EDITION, IS 'ITE 412 - COUNTY PARK', WHICH BASES TRIP GENERATION CHARACTERISTICS ON A PARK'S ACREAGE. THE PARK'S ACREAGE IS NOT CHANGING, THEREFORE ITS TRIP GENERATION CHARACTERISTICS SHOULD NOT CHANGE AS A RESULT OF THIS PROJECT.



Kimley-Horn
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL
 RICHARD V. BUSCHKE, P.E.
 FLORIDA LICENSE NUMBER 58558

KHA PROJECT
 04/09/2022
 DATE
 MARCH 2024
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY DSC
 CHECKED BY RVB

COVER SHEET

HEAGY BURRY BOAT RAMP
 PREPARED FOR
 MARION COUNTY BOARD OF
 COUNTY COMMISSIONERS

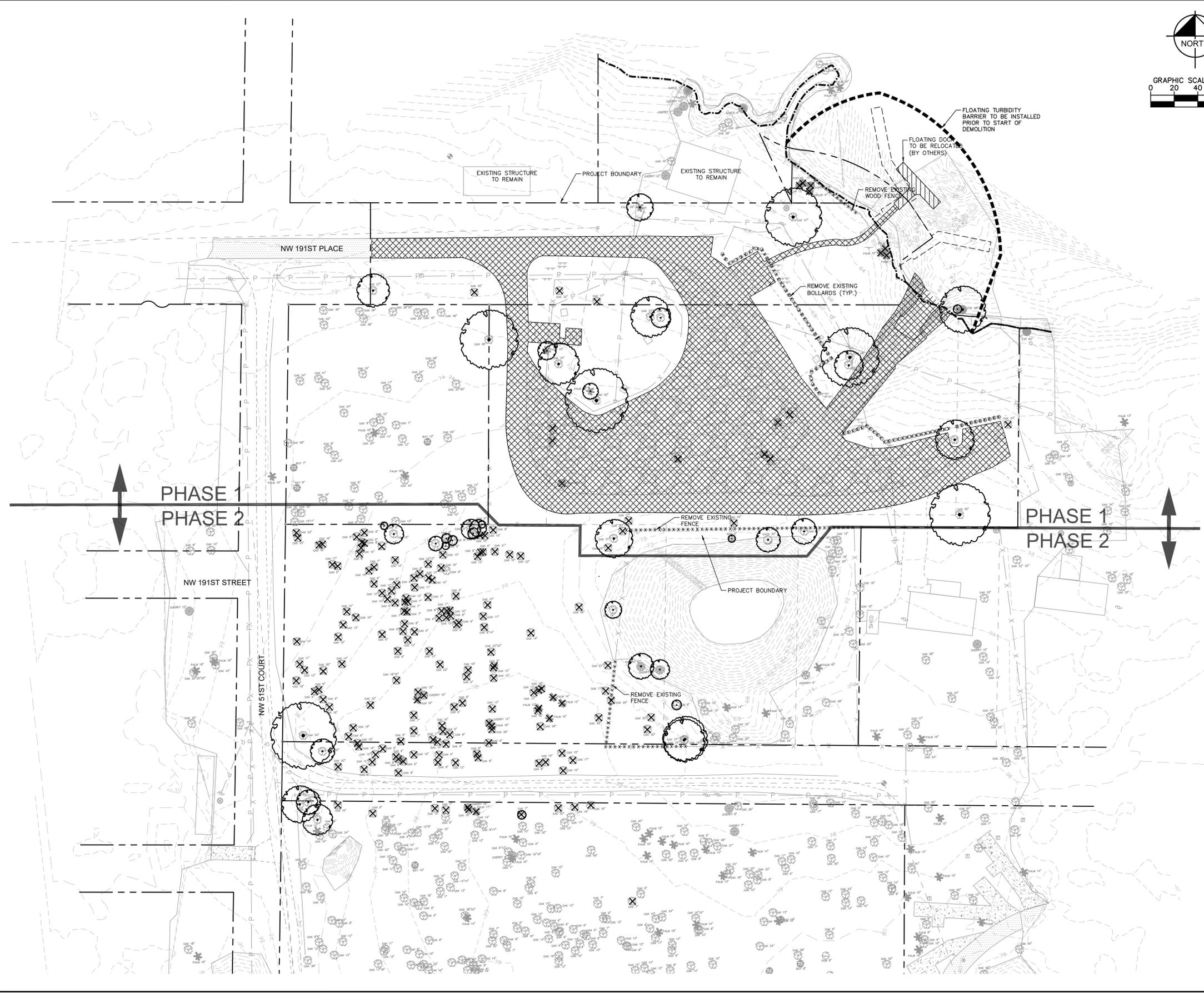
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MARION COUNTY, FLORIDA - MARION COUNTY MAJOR SITE PLAN

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

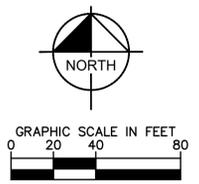
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 Mar 11, 2024, dany@kimley-horn.com

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- LEGEND**
- IMPROVEMENTS TO BE REMOVED
 - TREES TO BE PRESERVED WITH TREE PROTECTION ZONE; BARRICADES PER MARION COUNTY LAND DEVELOPMENT CODE
 - TREES TO BE REMOVED

- DEMOLITION NOTES**
1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
 2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
 3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION AND/OR PRESERVATION OF EXISTING TREES AND NATURAL AREAS. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS PART OF THIS CONTRACT IF THEY CONFLICT WITH THE CONSTRUCTION OF ANY OF THE PROPOSED IMPROVEMENTS. TREE PROTECTION BARRICADES AND FENCING SHALL BE INSTALLED AND INSPECTED IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL REQUIREMENTS PRIOR TO ANY DEMOLITION ACTIVITIES TAKING PLACE.



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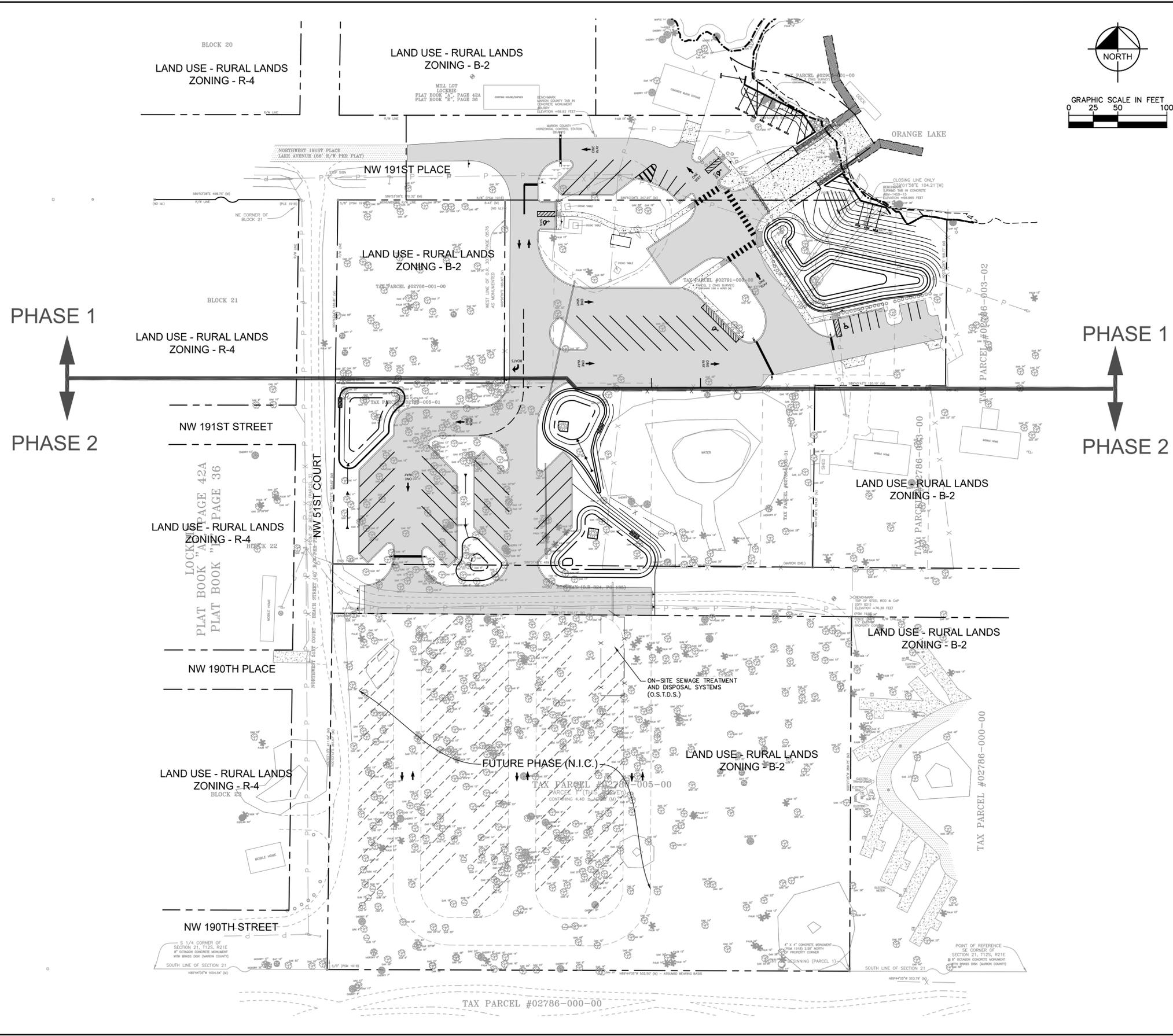
KHA PROJECT	04/09/2022
LICENSED PROFESSIONAL	RICHARD V. BUSCHE, P.E.
DATE	MARCH 2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	DSC
CHECKED BY	RVB
DATE	

DEMOLITION PLAN

HEAGY BURRY BOAT RAMP
 PREPARED FOR
 MARION COUNTY BOARD OF
 COUNTY COMMISSIONERS
 MARION COUNTY
 FLORIDA
 HEAGY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

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HEAGY BURRY BOAT RAMP
 PREPARED FOR
 MARION COUNTY BOARD OF
 COUNTY COMMISSIONERS
 MARION COUNTY
 FLORIDA
 MARION COUNTY MAJOR SITE PLAN

MASTER SITE PLAN

KHA PROJECT
 040997022
 DATE
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 AS SHOWN
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 KHA
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LICENSED PROFESSIONAL
 RICHARD V. BUSCHE, P.E.
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 58568
 DSC

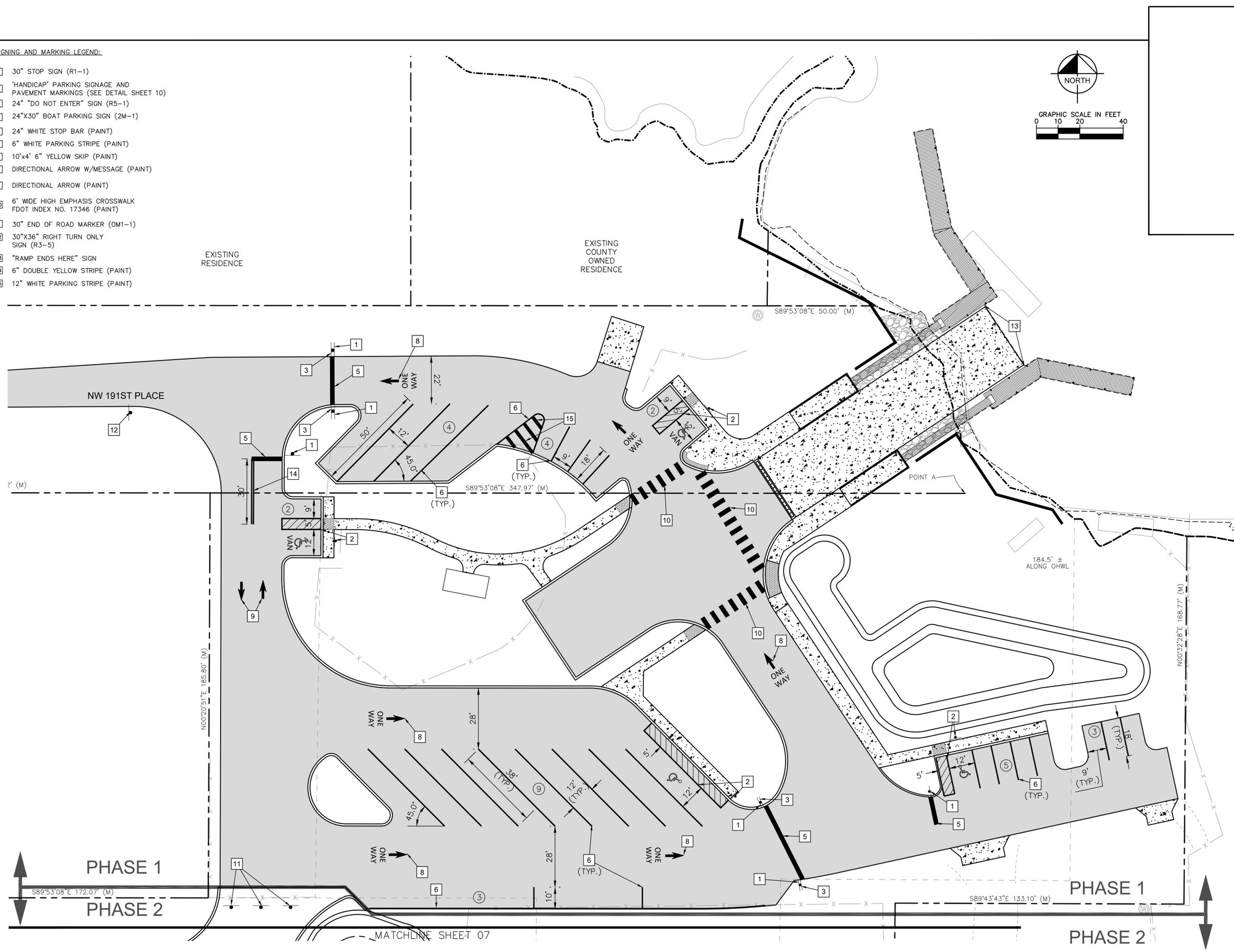
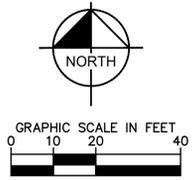
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SHEET NUMBER
04

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- SIGNING AND MARKING LEGEND:**
- 1 30" STOP SIGN (R1-1)
 - 2 'HANDICAP' PARKING SIGNAGE AND PAVEMENT MARKINGS (SEE DETAIL SHEET 10)
 - 3 24" "DO NOT ENTER" SIGN (R5-1)
 - 4 24"x30" BOAT PARKING SIGN (2M-1)
 - 5 24" WHITE STOP BAR (PAINT)
 - 6 6" WHITE PARKING STRIPE (PAINT)
 - 7 10'x4' 6" YELLOW SKIP (PAINT)
 - 8 DIRECTIONAL ARROW W/MESSAGE (PAINT)
 - 9 DIRECTIONAL ARROW (PAINT)
 - 10 6" WIDE HIGH EMPHASIS CROSSWALK FDOT INDEX NO. 17346 (PAINT)
 - 11 30" END OF ROAD MARKER (OM1-1)
 - 12 30"x36" RIGHT TURN ONLY SIGN (R3-5)
 - 13 "RAMP ENDS HERE" SIGN
 - 14 6" DOUBLE YELLOW STRIPE (PAINT)
 - 15 12" WHITE PARKING STRIPE (PAINT)



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LICENSED PROFESSIONAL
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 DESIGNED BY KHA
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SIGNING AND MARKING PLAN

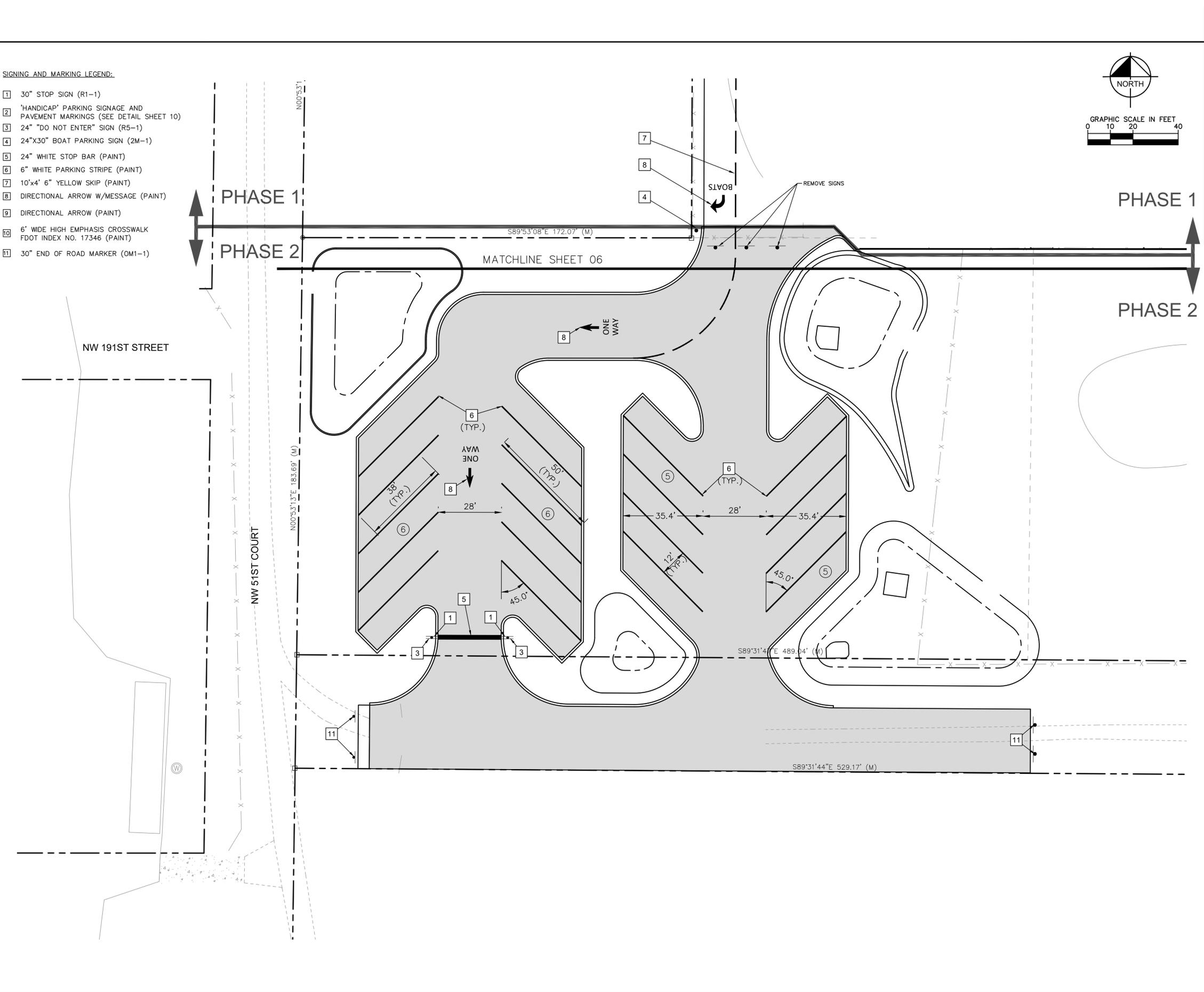
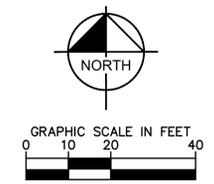
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SHEET NUMBER
06

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

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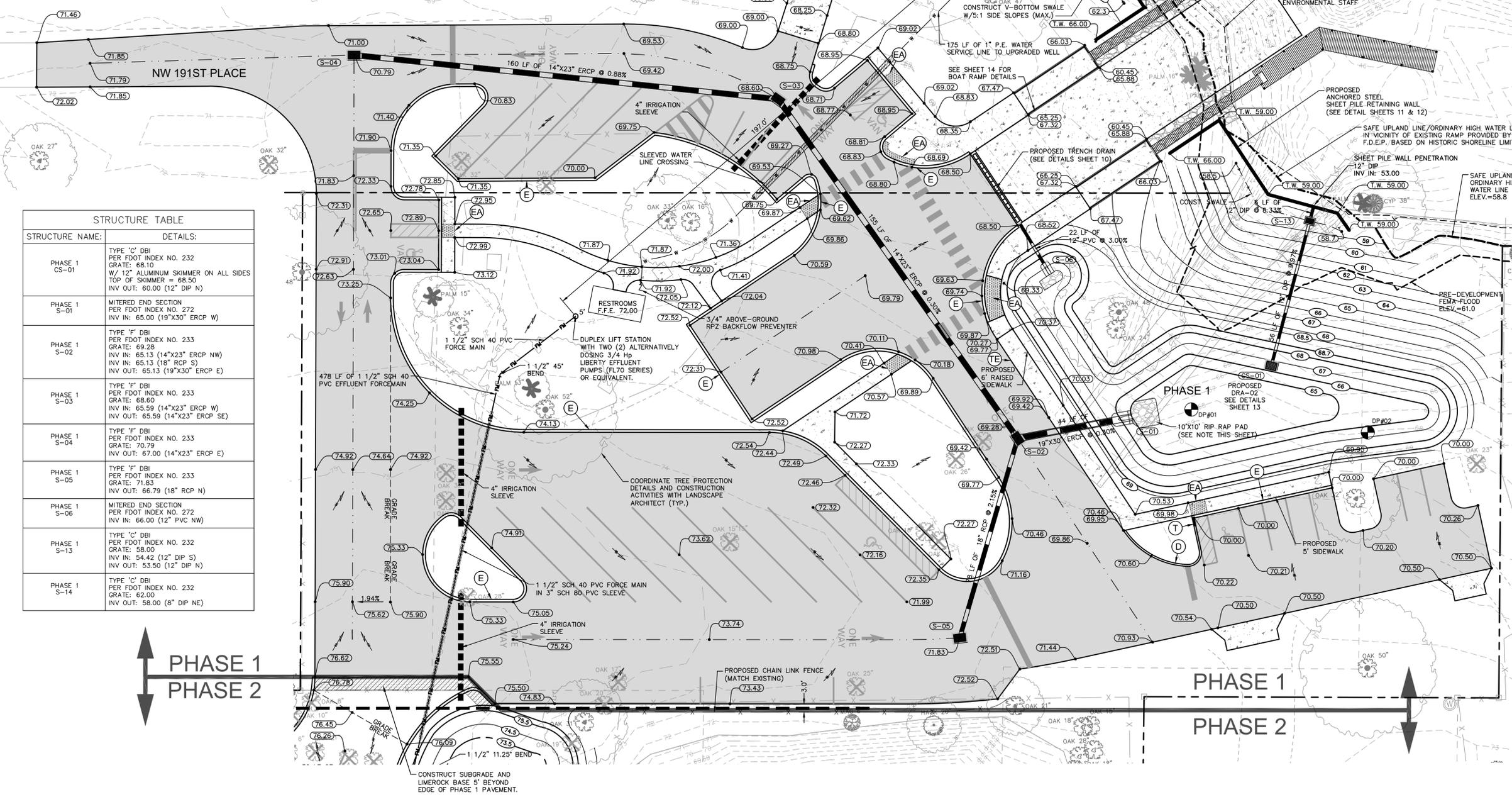
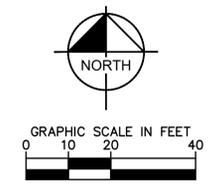
<p>HEAGY BURRY BOAT RAMP PREPARED FOR MARION COUNTY BOARD OF COUNTY COMMISSIONERS</p>	<p>SIGNING AND MARKING PLAN</p>	<p>LICENSED PROFESSIONAL RICHARD V. BUSCHÉ, P.E. FLORIDA LICENSE NUMBER 58568</p>	<p>KHA PROJECT 040997022 DATE MARCH 2024 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY DSC CHECKED BY RVB</p>								
<p>MARION COUNTY HEAGY BURRY BOAT RAMP — MARION COUNTY MAJOR SITE PLAN</p>		<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BID SET</td> <td>03-11-24</td> <td>DSC</td> </tr> </tbody> </table>		No.	REVISIONS	DATE	BY	1	BID SET	03-11-24	DSC
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<p>SHEET NUMBER 07</p>		<p>Kimley >>> Horn © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106</p>									

CURB LEGEND: (SEE SHEET 10 FOR DETAILS)

- (D) - 10" CURB
- (E) - 12" EDGE CURB
- (T) - 3" CURB TRANSITION
- (TE) - THICKENED EDGE SIDEWALK
- (EA) - EXPOSED AGGREGATE DETECTABLE SURFACE
- DP#01 - SOIL BORING LOCATION

NOTES:

1. ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 1.75%.
3. ALL HANDICAP ACCESSIBLE SIDEWALK ROUTES AND ALL SIDEWALKS SHALL NOT EXCEED A 1.75% MAXIMUM CROSS SLOPE. HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A 2.00% CROSS SLOPE IN ANY DIRECTION. IF ANY OF THESE AREAS ARE FOUND TO EXCEED THE ACCESSIBILITY LIMITS IT SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO REMOVE AND REPLACE AT HIS OWN EXPENSE ALL AREAS FOUND TO BE UNACCEPTABLE.
4. RIP RAP PADS SHALL BE PLACED A MINIMUM OF 24" THICK, TO THE DIMENSIONS SHOWN ON PLANS AND FLUSH WITH ADJACENT GRADE. RIP RAP SHALL BE RUBBLE (DITCH LINING) PER FDOT STANDARD SPECIFICATION S30-2.2. TYPE D-2 GEOTEXTILE FABRIC SHALL BE PLACED PER FDOT INDEX 199.
5. SPECIAL NOTE: THE VERTICAL DATUM FOR THIS PROJECT IS BASED ON NAVD-29.



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
PHASE 1 CS-01	TYPE 'C' DBI PER FDOT INDEX NO. 232 GRATE: 68.10 W/ 12" ALUMINUM SKIMMER ON ALL SIDES TOP OF SKIMMER = 68.50 INV OUT: 60.00 (12" DIP N)
PHASE 1 S-01	MITERED END SECTION PER FDOT INDEX NO. 272 INV IN: 65.00 (19"X30" ERCP W)
PHASE 1 S-02	TYPE 'F' DBI PER FDOT INDEX NO. 233 GRATE: 69.28 INV IN: 65.13 (14"X23" ERCP NW) INV IN: 65.13 (18" RCP S) INV OUT: 65.13 (19"X30" ERCP E)
PHASE 1 S-03	TYPE 'F' DBI PER FDOT INDEX NO. 233 GRATE: 68.60 INV IN: 65.59 (14"X23" ERCP W) INV OUT: 65.59 (14"X23" ERCP SE)
PHASE 1 S-04	TYPE 'F' DBI PER FDOT INDEX NO. 233 GRATE: 70.79 INV OUT: 67.00 (14"X23" ERCP E)
PHASE 1 S-05	TYPE 'F' DBI PER FDOT INDEX NO. 233 GRATE: 71.83 INV OUT: 66.79 (18" RCP N)
PHASE 1 S-06	MITERED END SECTION PER FDOT INDEX NO. 272 INV IN: 66.00 (12" PVC NW)
PHASE 1 S-13	TYPE 'C' DBI PER FDOT INDEX NO. 232 GRATE: 58.00 INV IN: 54.42 (12" DIP S) INV OUT: 53.50 (12" DIP N)
PHASE 1 S-14	TYPE 'C' DBI PER FDOT INDEX NO. 232 GRATE: 62.00 INV OUT: 58.00 (8" DIP NE)

Kimley Horn
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 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL
 RICHARD V. BUSCH, P.E.
 FLORIDA LICENSE NUMBER 58568

HEAVY BURRY BOAT RAMP PAVING, GRADING AND DRAINAGE PLAN

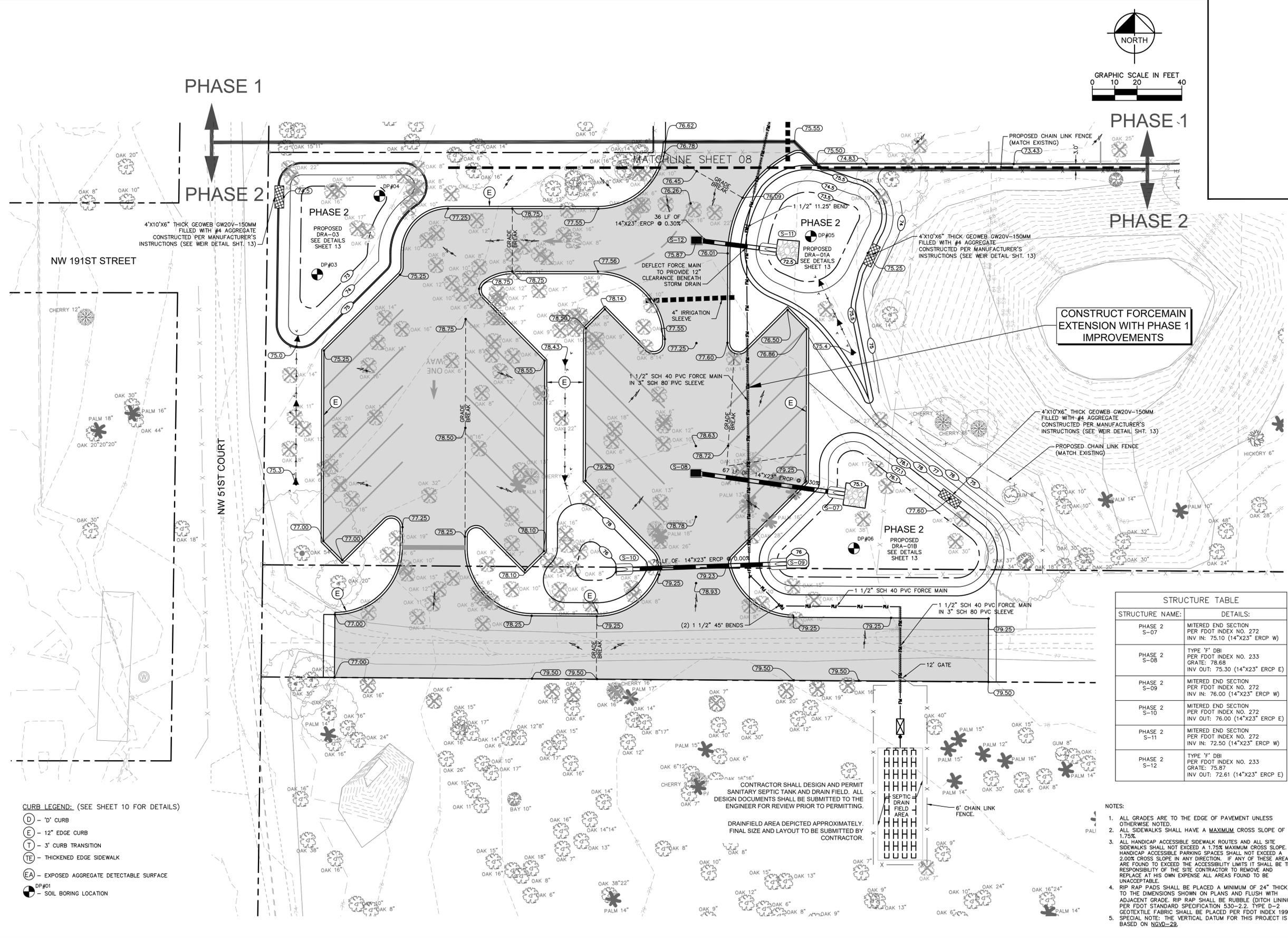
HEAVY BURRY BOAT RAMP PREPARED FOR MARION COUNTY BOARD OF COUNTY COMMISSIONERS

SHEET NUMBER **08**

NO.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

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- CURB LEGEND: (SEE SHEET 10 FOR DETAILS)**
- (D) - 0" CURB
 - (E) - 12" EDGE CURB
 - (T) - 3" CURB TRANSITION
 - (TE) - THICKENED EDGE SIDEWALK
 - (EA) - EXPOSED AGGREGATE DETECTABLE SURFACE
 - DP#01 - SOIL BORING LOCATION

CONTRACTOR SHALL DESIGN AND PERMIT SANITARY SEPTIC TANK AND DRAIN FIELD. ALL DESIGN DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO PERMITTING.
 DRAINFIELD AREA DEPICTED APPROXIMATELY. FINAL SIZE AND LAYOUT TO BE SUBMITTED BY CONTRACTOR.

CONSTRUCT FORCEMAIN EXTENSION WITH PHASE 1 IMPROVEMENTS

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
PHASE 2 S-07	MITERED END SECTION PER FDOT INDEX NO. 272 INV IN: 75.10 (14"x23" ERCP W)
PHASE 2 S-08	TYPE "F" DBI PER FDOT INDEX NO. 233 GRATE: 78.68 INV OUT: 75.30 (14"x23" ERCP E)
PHASE 2 S-09	MITERED END SECTION PER FDOT INDEX NO. 272 INV IN: 76.00 (14"x23" ERCP W)
PHASE 2 S-10	MITERED END SECTION PER FDOT INDEX NO. 272 INV OUT: 76.00 (14"x23" ERCP E)
PHASE 2 S-11	MITERED END SECTION PER FDOT INDEX NO. 272 INV IN: 72.50 (14"x23" ERCP W)
PHASE 2 S-12	TYPE "F" DBI PER FDOT INDEX NO. 233 GRATE: 75.87 INV OUT: 72.61 (14"x23" ERCP E)

- NOTES:**
- ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 1.75%.
 - ALL HANDICAP ACCESSIBLE SIDEWALK ROUTES AND ALL SITE SIDEWALKS SHALL NOT EXCEED A 1.75% MAXIMUM CROSS SLOPE. HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A 2.00% CROSS SLOPE IN ANY DIRECTION. IF ANY OF THESE AREAS ARE FOUND TO EXCEED THE ACCESSIBILITY LIMITS IT SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO REMOVE AND REPLACE AT HIS OWN EXPENSE ALL AREAS FOUND TO BE UNACCEPTABLE.
 - RIP RAP PADS SHALL BE PLACED A MINIMUM OF 24" THICK. TO THE DIMENSIONS SHOWN ON PLANS AND FLUSH WITH ADJACENT GRADE. RIP RAP SHALL BE RUBBLE (DITCH LINING) PER FOOT STANDARD SPECIFICATION 530-2.2. TYPE D-2 GEOTEXTILE FABRIC SHALL BE PLACED PER FDOT INDEX 199.
 - SPECIAL NOTE: THE VERTICAL DATUM FOR THIS PROJECT IS BASED ON NGVD-29.

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 RICHARD V. BUSCHKE, P.E.
 FLORIDA LICENSE NUMBER 585568
 DESIGNED BY: KHA
 DRAWN BY: DSC
 CHECKED BY: RVB

HEAVY BURRY BOAT RAMP
 PREPARED FOR
MARION COUNTY BOARD OF COUNTY COMMISSIONERS

FLORIDA
 MARION COUNTY
 HEAVY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

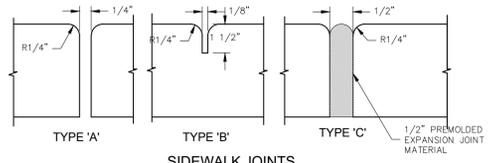
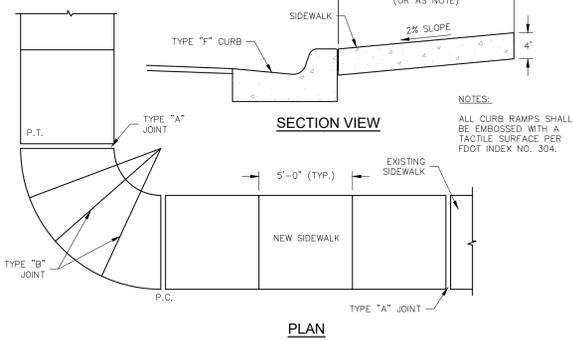
SHEET NUMBER
09

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

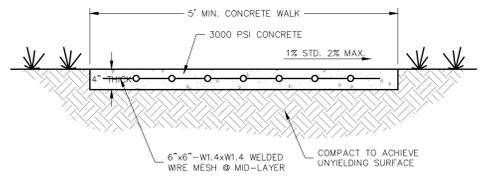
LOCATION	"T"
RESIDENTIAL AREAS	4"
AT DRIVEWAYS AND OTHER AREAS	6"

NOTE:
CONCRETE TO BE 3,000 P.S.I. AT 28 DAYS

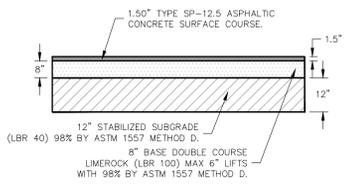
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS (NOT LESS THAN 4' AND NOT GREATER THAN 10')
"C"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES. JUNCTION OF EXISTING AND NEW SIDEWALKS AT INTERVALS NOT GREATER THAN 100'



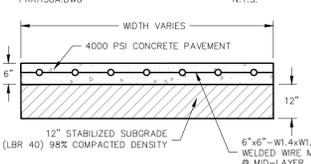
SIDEWALK CONSTRUCTION
PGKH34A.DWG
N.T.S.



TYPICAL SIDEWALK SECTION
PGKH39A.DWG
N.T.S.

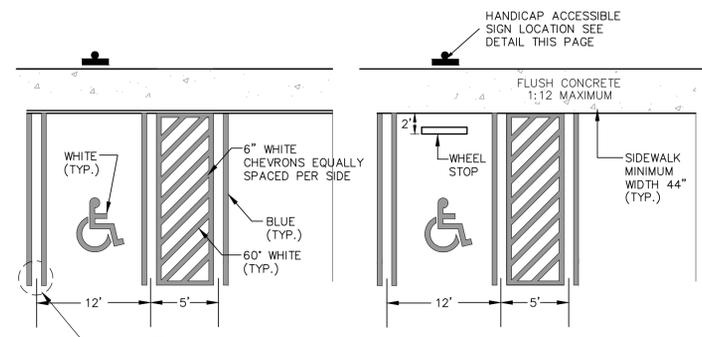


TYPICAL PAVEMENT SECTION
PKKH38A.DWG
N.T.S.



TYPICAL CONCRETE PAVEMENT SECTION

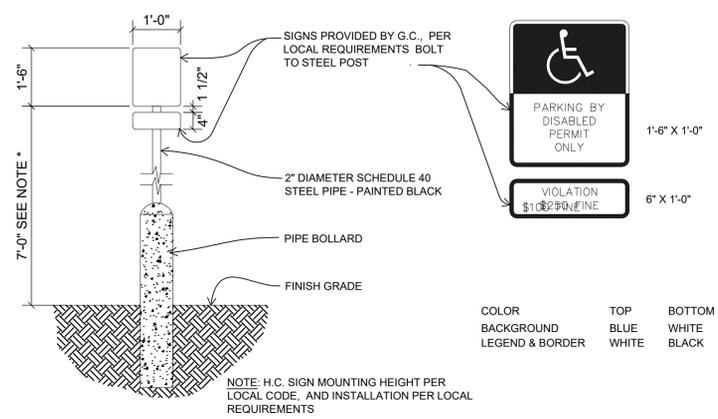
- NOTE:
1. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL SUCH AS CLAY AND ROOTS PER AGENCY REQUIREMENTS. ALL CONCRETE JOINTING SHALL BE PER FDOT INDEX NO. 310.
2. CONCRETE JOINTS WILL BE INSTALL PER FDOT INDEX NO. 305.



ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS

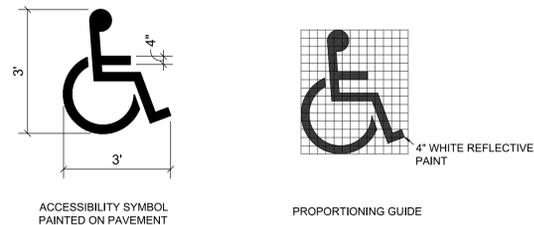
- NOTES:
1. WHEN HEADER CURB IS USED IN LIEU OF WHEEL STOPS, SIDEWALK ABUTTING CURB MUST BE WIDENED BY 18" SO THAT THE TOTAL SIDEWALK WIDTH IS 62", ALLOWING FOR 44" MINIMUM CLEAR ACCESSIBLE ROUTE.
2. FOR COMPLETE DETAIL OF HANDICAPPED SIGN, REFER TO HANDICAP SIGN DETAIL.
3. NO RAMPS ARE REQUIRED WHEN SIDEWALK IS FLUSH WITH PAVEMENT. SEE GRADING PLAN.
4. ALL PARKING STRIPES SHALL BE 6" IN WIDTH.
5. SEE F.D.O.T. INDEX 17346 FOR THE MOST CURRENT DETAIL.
6. MUST COMPLY WITH ADA REQUIREMENTS.

HANDICAP SPACE STRIPING DETAIL
N.T.S.

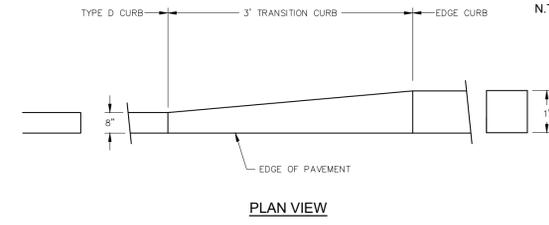


COLOR	TOP	BOTTOM
BACKGROUND	BLUE	WHITE
LEGEND & BORDER	WHITE	BLACK

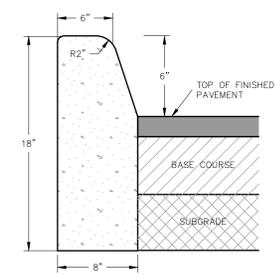
HANDICAP SIGN DETAIL
N.T.S.



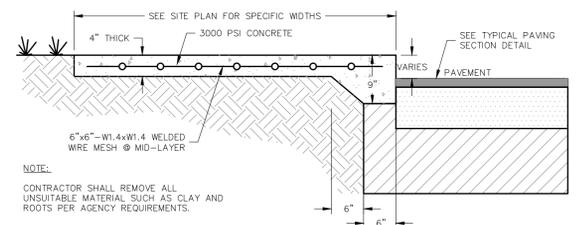
HANDICAP SYMBOL
N.T.S.



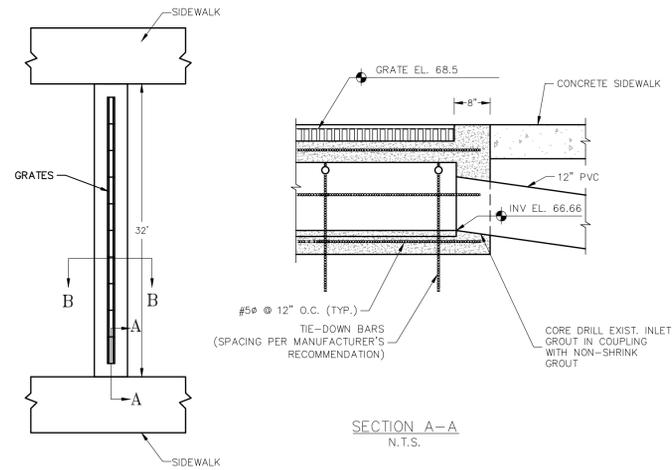
TRANSITION TYPE "D" CURB TO EDGE CURB
PGKH42A.DWG
N.T.S.



TYPE "D" CURB
PGKH22A.DWG
N.T.S.



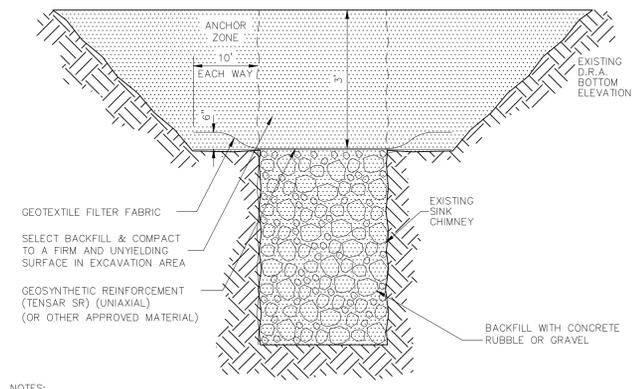
RAISED SIDEWALK AND PAVEMENT SECTION
PGKH41A.DWG
N.T.S.



SECTION A-A
N.T.S.

SECTION B-B
N.T.S.

TRENCH DRAIN
N.T.S.



- NOTES:
1. IF LIMESTONE IS ENCOUNTERED OR A SINKHOLE OR SOLUTION PIPE FORMS DURING CONSTRUCTION, CONSTRUCTION OF THE BASIN MUST BE HALTED AND THE PROJECT GEOTECHNICAL ENGINEER MUST BE NOTIFIED IMMEDIATELY.
2. THE SINKHOLE OR SOLUTION PIPE MUST BE REPAIRED WITHIN 10 DAYS OF THE DISCOVERY USING A DISTRICT APPROVED METHOD.
3. THE STORMWATER SYSTEM MUST BE INSPECTED MONTHLY FOR THE OCCURANCE OF SINKHOLES OR SOLUTION PIPES.

TYPICAL SINK CHIMNEY REPAIR DETAIL
N.T.S.

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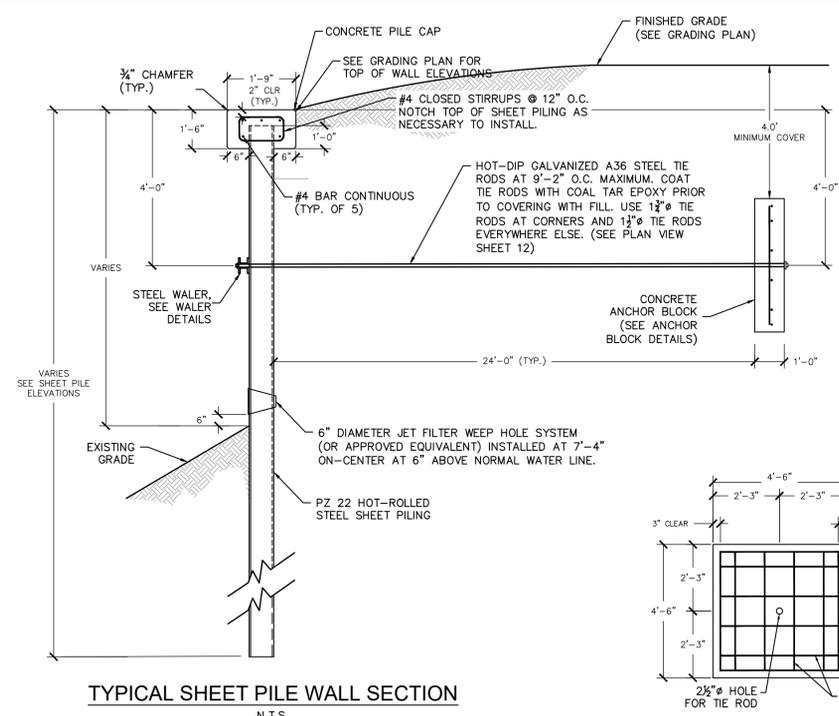
LICENSED PROFESSIONAL
RICHARD V. BUSCH, P.E.
FLORIDA LICENSE NUMBER 58568
KHA PROJECT 040997/022
DATE MARCH 2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY DSC
CHECKED BY RVB
DATE

CONSTRUCTION DETAILS

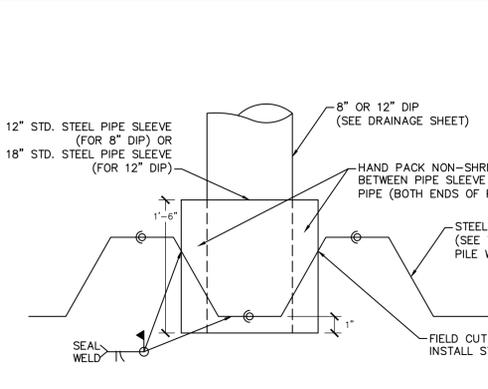
HEGY BURRY BOAT RAMP
PREPARED FOR
MARION COUNTY BOARD OF
COUNTY COMMISSIONERS
MARION COUNTY FLORIDA
HEGY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

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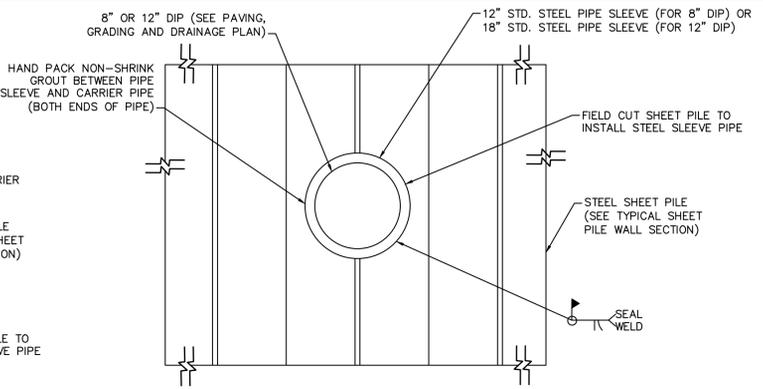
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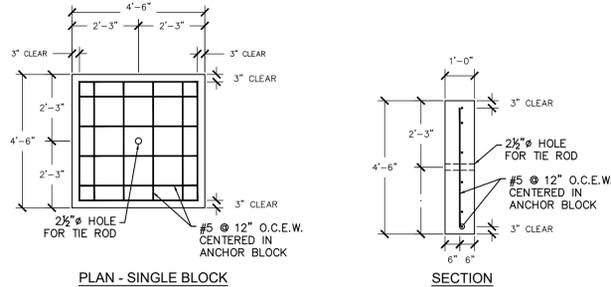
TYPICAL SHEET PILE WALL SECTION
N.T.S.



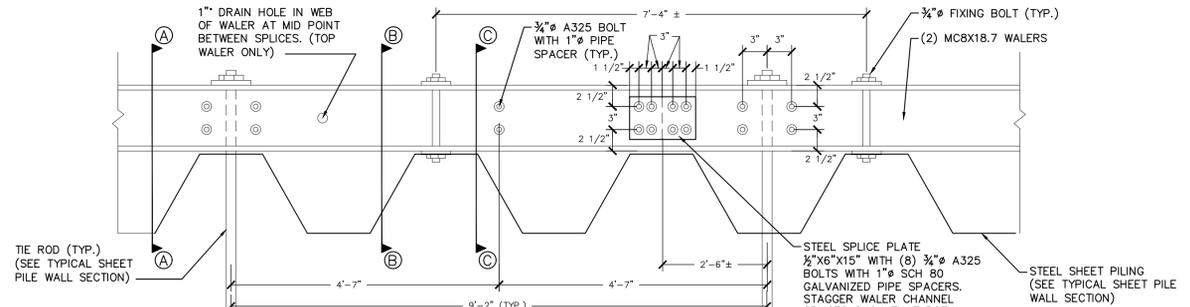
TYPICAL PIPE PENETRATION
PLAN VIEW
N.T.S.



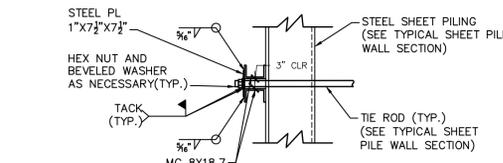
TYPICAL PIPE PENETRATION
ELEVATION VIEW
N.T.S.



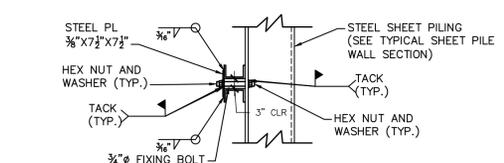
TYPICAL ANCHOR BLOCK
N.T.S.



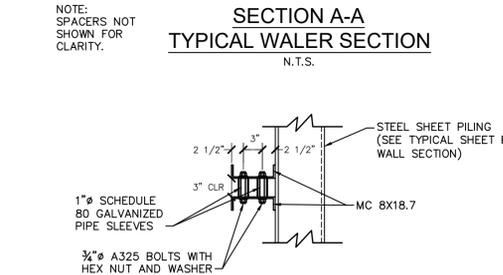
TYPICAL WALER CONNECTION PLAN
N.T.S.



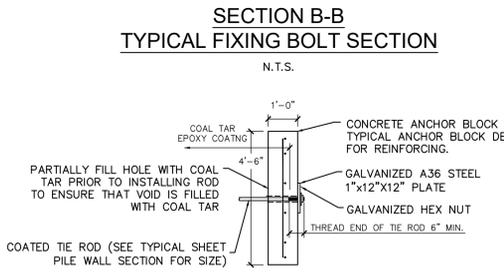
SECTION A-A
TYPICAL WALER SECTION
N.T.S.



SECTION B-B
TYPICAL FIXING BOLT SECTION
N.T.S.



SECTION C-C
TYPICAL WALER SPACER SECTION
N.T.S.



ANCHOR BLOCK TIE ROD
CONNECTION DETAIL
N.T.S.

STRUCTURAL NOTES

- GENERAL:
 - USE THESE NOTES IN CONJUNCTION WITH THE FDOT STANDARD SPECIFICATIONS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS. THE ENGINEER OF RECORD SHALL BE CONTACTED FOR CLARIFICATION.
 - PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE. PROTECT THE WORK, ADJACENT PROPERTY, AND THE PUBLIC. CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND CONSTRUCTION PROCEDURES.
 - PRIOR TO CONSTRUCTION, FIELD VERIFY ALL DIMENSIONS IN THE DRAWINGS AND DETAILS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
 - REFER TO THE ENGINEER FOR INSTRUCTION FOR ANY DIMENSION NOT GIVEN ON DRAWINGS. SCALING OF DRAWINGS SHALL NOT BE USED TO OBTAIN OR VERIFY ANY DIMENSION SHOWN ON THE DRAWINGS.
 - THE MATERIALS, FABRICATION AND INSTALLATION USED IN THIS WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT FDOT SPECIFICATIONS UNLESS MODIFIED HEREIN.
- STRUCTURAL STEEL:
 - STRUCTURAL STEEL IS THAT WORK DEFINED IN THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "CODE OF STANDARD PRACTICE".
 - ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36, UNLESS NOTED OTHERWISE.
 - ALL STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATION AND CODE OF STANDARD PRACTICE.
 - ALL WELDING SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN WELDING SOCIETY. ALL WELDING SHALL BE PERFORMED ONLY BY CERTIFIED WELDERS. USE E70XX ELECTRODES, UNLESS NOTED OTHERWISE.
 - ALL BOLTED CONNECTIONS SHALL BE ASTM A325 WITH HARDENED WASHERS, UNLESS NOTED OTHERWISE.
 - ALL TIE RODS, PLATES, BOLTS ETC. SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION. STEEL SUBJECT TO EARTH CONTACT SHALL BE COAL TAR EPOXY COATED AFTER FABRICATION AND GALVANIZING, BUT BEFORE ASSEMBLY. THREADED PARTS MAY BE COATED AFTER ASSEMBLY.
 - SUBMIT ORIGINAL SHOP DRAWINGS, INCLUDING COMPLETE DETAILS, SCHEDULES OF FABRICATION AND ASSEMBLY, PROCEDURES, AND DIAGRAMS. INCLUDE DETAILS OF CUTS, CONNECTIONS, CAMBER, HOLES, AND OTHER PERTINENT DATA. INDICATE WELDS BY STANDARD AWS A2.1 AND A2.4 SYMBOLS, AND SHOW SIZE, LENGTH, AND TYPE OF WELD. PROVIDE SETTING DRAWINGS, TEMPLATES AND DIRECTION FOR INSTALLATION OF ANCHOR BOLTS AND OTHER ANCHORAGE TO BE INSTALLED AS WORK OF OTHER SECTIONS.
 - AFTER FABRICATION, STANDARD CLEANING AND PICKLING, ALL WALER STEEL AND SPLICE PLATES SHALL BE SHOP PRIMED AND COATED WITH TWO COATS OF COAL TAR EPOXY. NON-STAINLESS STEEL BOLTS, WASHERS AND NUTS SHALL BE HOT DIPPED GALVANIZED PER ASTM A153.
 - REPAIR FIELD DAMAGED COAL TAR EPOXY COATING WITH TWO COATS OF FIELD APPLIED COAL TAR EPOXY PER MANUFACTURER REQUIREMENTS.
- CONCRETE:
 - ALL CONCRETE MATERIALS, PLACING AND HANDLING SHALL BE IN ACCORDANCE WITH ACI 318 AND ACI 301, LATEST EDITION.
 - STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI. CONCRETE COVER OVER REINFORCING BARS IS NOTED ON PLANS.
 - FORM TIES AND REINFORCING BAR SUPPORTS SHALL BE OF NON-CORROSIVE MATERIAL INCLUDING, BUT NOT LIMITED TO, FIBERGLASS, PLASTIC, AND/OR CONCRETE BLOCK.
 - CONCRETE FINISHES: FORMED SURFACE-SMOOTH FORM FINISH PER ACI 301.
 - ALL GROUT SHALL BE NON-SHRINK, NON-METALLIC.
 - CONCRETE SHALL BE WET CURED IN ACCORDANCE WITH ACI 301 FOR A MINIMUM OF 5 DAYS.
 - ALL CONCRETE SHALL BE PLACED IN THE DRY.
 - PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.
- REINFORCEMENT:
 - REINFORCING STEEL SHALL BE A.S.T.M. A-615 WITH SUPPLEMENT, GRADE 60: MINIMUM WORKING STRESS - 24,000 PSI.
 - ALL REINFORCING SHALL BE UNCOATED (BLACK).
 - ALL DIMENSIONS PERTAINING TO LOCATION OF REINFORCING BARS ARE TO CENTERLINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE.
 - ACI STANDARD HOOKS SHALL BE USED UNLESS OTHERWISE NOTED.
 - ALL LAP SPLICE LENGTHS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 318 AND CRSI STANDARD PRACTICES FOR CLASS 'B' SPLICES, EXCEPT AS OTHERWISE NOTED.
- STEEL SHEET PILING:
 - SHEET PILE STEEL SHALL CONFORM TO ASTM A572 GRADE 50, fy=50 ksi MIN.
 - SHEET PILES SHALL BE DRIVEN TO DEPTHS INDICATED ON CONSTRUCTION PLANS.
 - FOR CORNER SHEET PILE, USE RECOMMENDED BY MANUFACTURER AS REQUIRED PER WALL LAYOUT.
 - INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 455 OF THE 2023 FDOT STANDARD SPECIFICATIONS.
 - THE EMBEDMENT LENGTHS PROVIDED ARE MINIMUM LENGTHS. THE CONTRACTOR MAY PLACE LONGER SHEET PILING AT HIS EXPENSE.
 - SHOP APPLY ONE COAT OF INORGANIC ZINC PRIMER (SHERWIN WILLIAMS ZINC CLAD II PLUS, OR APPROVED EQUIVALENT, 2-4 mils) AND TWO COATS OF COAL TAR EPOXY (SHERWIN WILLIAMS TARGUARD, OR APPROVED EQUIVALENT, 8-16 mils PER COAT) TO ALL SURFACES OF SHEET PILES INCLUDING EMBEDDED PORTIONS. PURSUANT TO SECTION 560-11 OF THE 2019 FDOT STANDARD SPECIFICATIONS. STRIPE COAT ALL CREVICES AND SHARP ANGLES TO PREVENT EARLY FAILURE IN THESE AREAS. STRIPE COAT EACH BALL AND SOCKET WITH ONE COAT ZINC PRIMER AND ONE COAT COAL TAR EPOXY. FOR SHEET PILE DELIVERED FROM THE MILL IN PAIRS, ORIENT SPRAYER STRIPE COAT TO MAXIMIZE COATING APPLICATION INSIDE OF THE PREASSEMBLED INTERLOCKED BALL AND SOCKET AFTER INSTALLATION OF THE ENTIRE SHEET PILING. AFTER RIP RAP INSTALLATION, PERFORM HOLIDAY TESTING. TOUCH UP COAT ANY SCRATCHED AREAS WITH 2 COATS OF TARGUARD, 8-16 mils PER COAT. COAT FROM PILING TOP TO 5 FEET BELOW THE MUCK LINE OF ALL SHEET PILES.
- FOUNDATIONS:
 - A GEOTECHNICAL REPORT HAS BEEN PREPARED BY UNIVERSAL ENGINEERING SCIENCES AND IS DATED APRIL 17, 2012, PROJECT #0230.1200025, REPORT #949233.
 - NOTIFY THE ENGINEER IMMEDIATELY OF ANY EXISTING FOUNDATION CONDITIONS OR DETAILS THAT ARE IN CONFLICT WITH THOSE INDICATED AND SHOWN IN THE DRAWINGS.
 - ADHERE TO THE RECOMMENDATIONS MADE IN THE RECOMMENDATIONS SECTION OF THE GEOTECHNICAL REPORT.
 - THE FILL MATERIAL TO BE USED FOR BACKFILL BEHIND THE WALL SHALL CONSIST OF CLEAN SAND WITH LESS THAN 10% PASSING THE No. 200 SIEVE AND BE FREE OF RUBBLE, ORGANICS, CLAY, DEBRIS, AND OTHER UNSUITABLE MATERIAL. FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES IN THICKNESS AND SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR MAXIMUM DENSITY (ASTM D1557).
 - DIFFICULT PILE DRIVING OPERATIONS MAY BE ENCOUNTERED DUE TO THE PRESENCE OF LIMESTONE.
- INSTALLATION:
 - AT THE CONTRACTOR'S OPTION, ANCHOR BLOCKS MAY BE SITE PRECAST OR MAY BE CAST IN PLACE, IN LIEU OF PRECAST. ALL PRECAST OR POURED IN PLACE ANCHORS SHALL BE PLACED IN COMPACTED FILL AND ALL FILL PLACED AROUND THE BLOCKS SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OF AASHTO T99.
 - AFTER INSTALLATION OF SHEET PILING, ANCHOR BLOCKS, AND TIE RODS AND BACKFILLING AROUND THE ANCHOR BLOCKS, THE TIE RODS SHALL BE TIGHTENED SO THAT THERE IS NO SLACK IN THE ROD. ANY DAMAGE TO THE TIE ROD COATING SHALL BE REPAIRED AND THE COATING PROTECTED DURING BACKFILLING.
 - ALL WEEP HOLES SHALL BE FIELD CUT AFTER INSTALLATION OF SHEET PILES. TOUCH UP COATING AFTER CUTTING.

DESIGN

FLORIDA BUILDING CODE, EIGHTH EDITION (2023)

Kimley-Horn
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 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

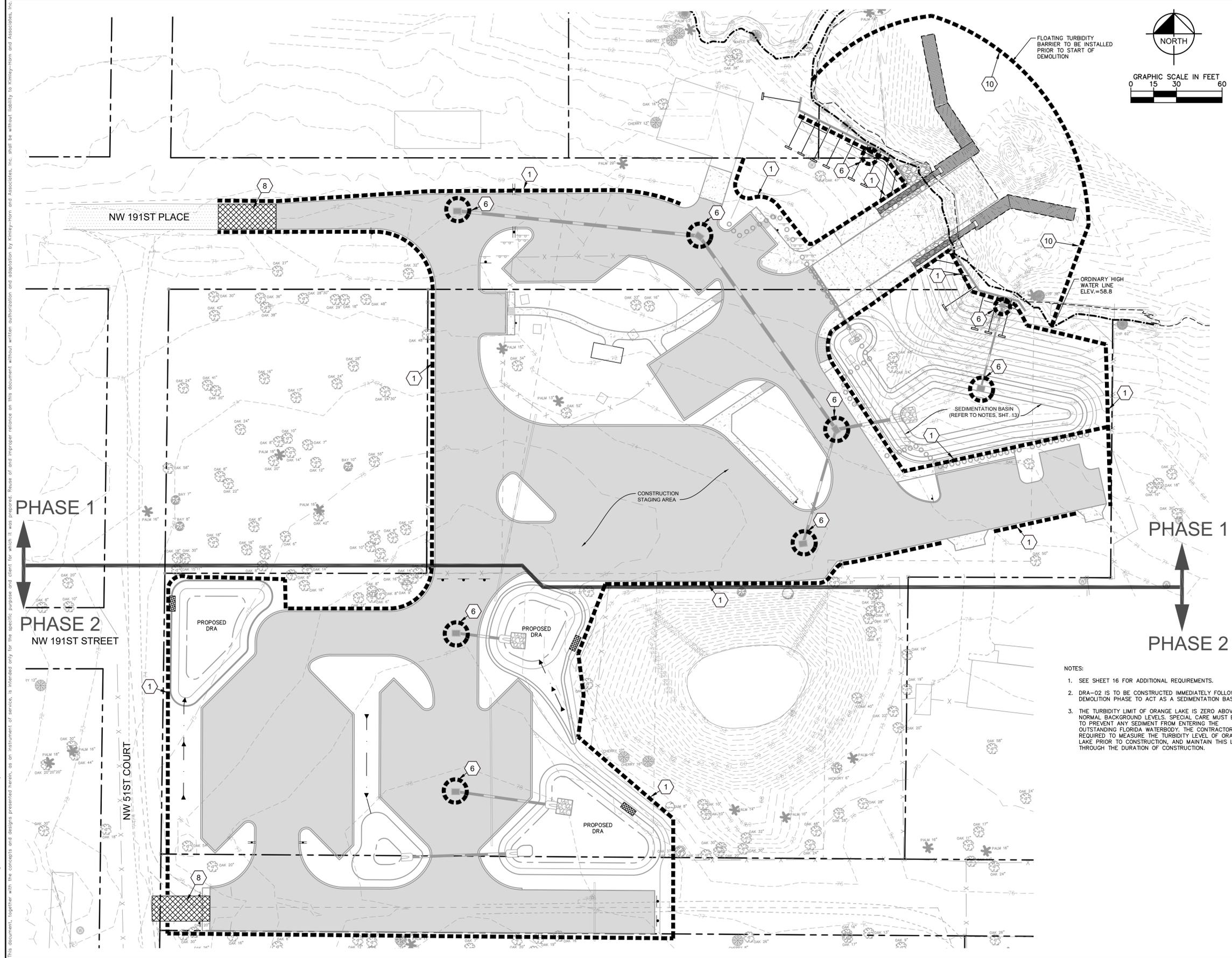
LICENSED PROFESSIONAL	RICHARD V. BUSCHE, P.E.
KHA PROJECT	040997/022
DATE	MARCH 2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	DSC
CHECKED BY	RVB
DATE	

CONSTRUCTION DETAILS

HEGY BURRY BOAT RAMP
 PREPARED FOR
MARION COUNTY BOARD OF COUNTY COMMISSIONERS
 FLORIDA
 MARION COUNTY
 HEGY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



- NOTES:
- SEE SHEET 16 FOR ADDITIONAL REQUIREMENTS.
 - DRA-02 IS TO BE CONSTRUCTED IMMEDIATELY FOLLOWING THE DEMOLITION PHASE TO ACT AS A SEDIMENTATION BASIN.
 - THE TURBIDITY LIMIT OF ORANGE LAKE IS ZERO ABOVE NORMAL BACKGROUND LEVELS. SPECIAL CARE MUST BE TAKEN TO PREVENT ANY SEDIMENT FROM ENTERING THE OUTSTANDING FLORIDA WATERBODY. THE CONTRACTOR IS REQUIRED TO MEASURE THE TURBIDITY LEVEL OF ORANGE LAKE PRIOR TO CONSTRUCTION, AND MAINTAIN THIS LEVEL THROUGH THE DURATION OF CONSTRUCTION.

HEAGY BURRY BOAT RAMP PREPARED FOR MARION COUNTY BOARD OF COUNTY COMMISSIONERS <small>MARION COUNTY FLORIDA</small>	EROSION CONTROL PLAN	Kimley-Horn <small>© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471 PHONE: 352-438-3000 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106</small>
KHA PROJECT: 04-0997/022 DATE: MARCH 2024 SCALE: AS SHOWN DESIGNED BY: KHA DRAWN BY: DSC CHECKED BY: RVB	LICENSED PROFESSIONAL RICHARD V. BUSCH, P.E. FLORIDA LICENSE NUMBER 58568	REVISIONS No. DATE BY 03-11-24 DSC 1
SHEET NUMBER	15	

HEAGY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

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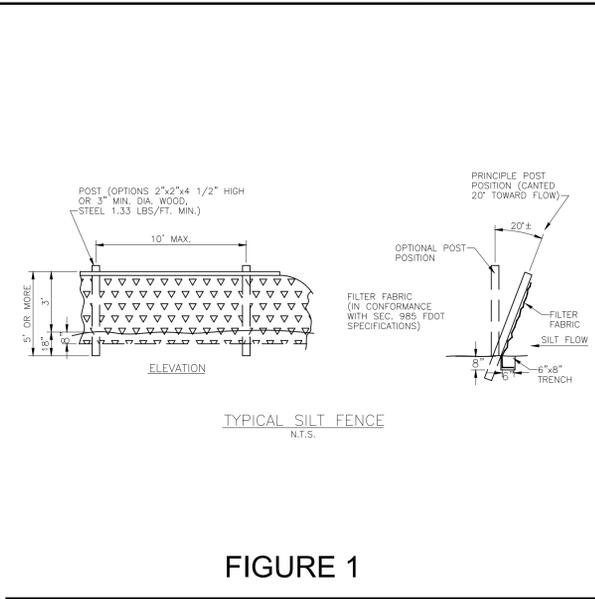


FIGURE 1

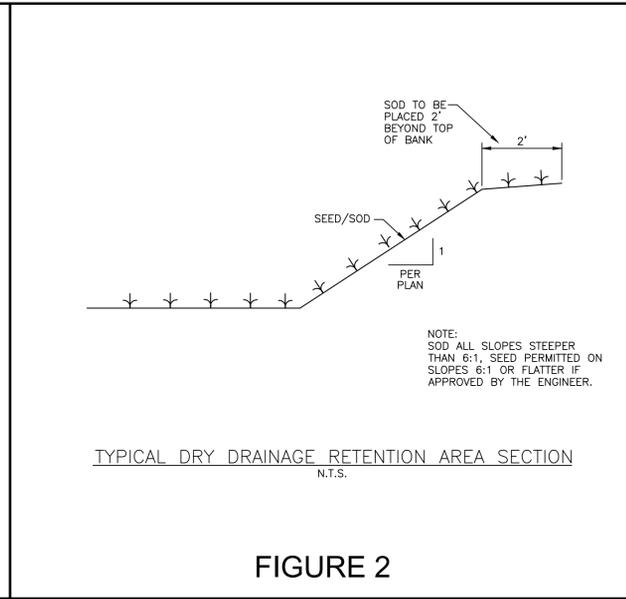


FIGURE 2

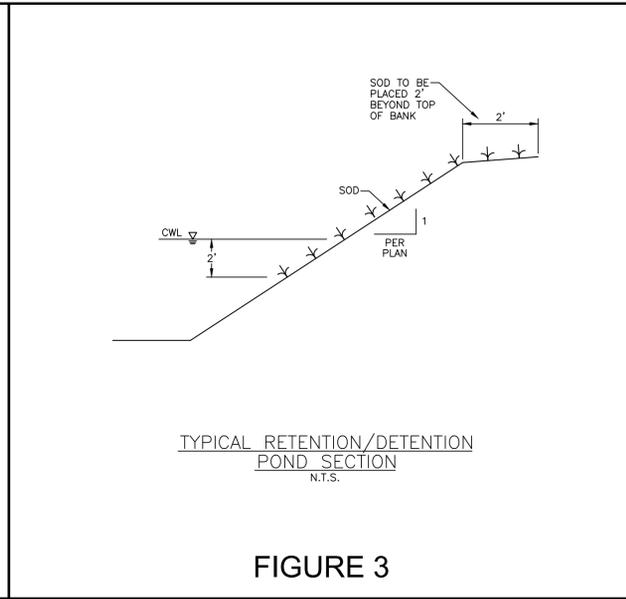


FIGURE 3

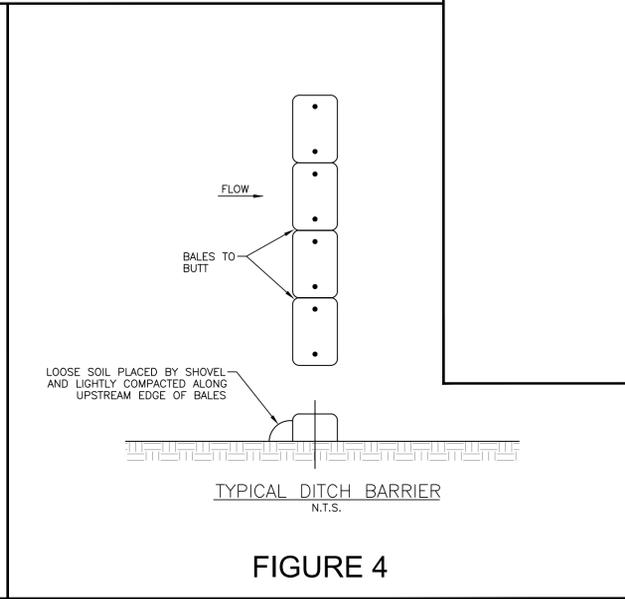


FIGURE 4

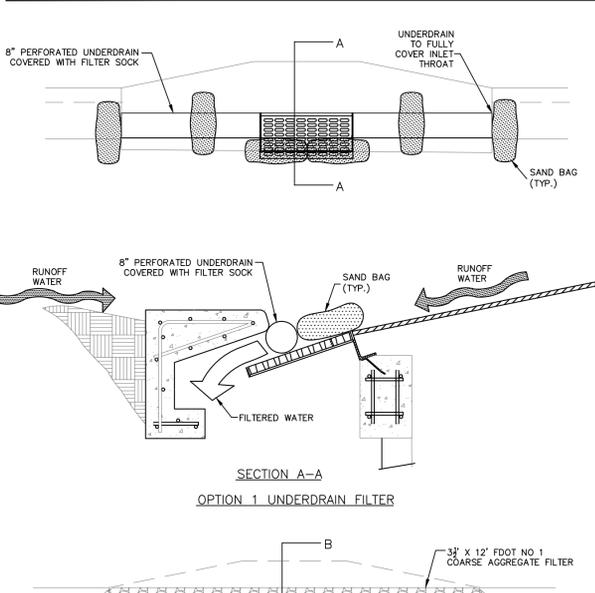


FIGURE 5

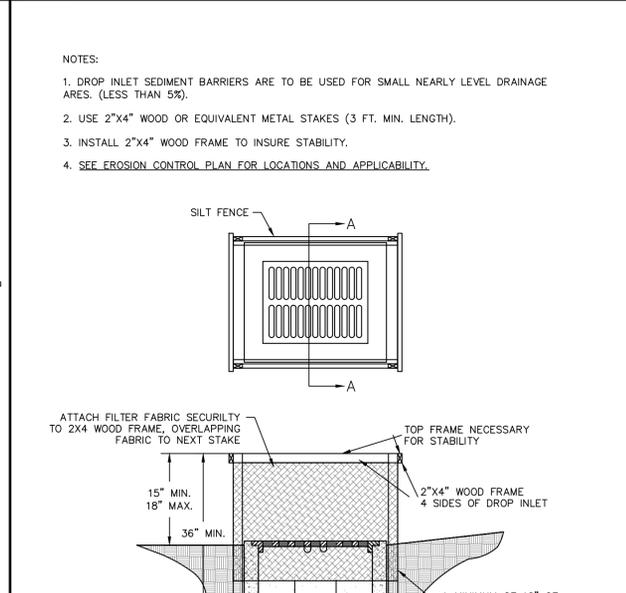


FIGURE 6

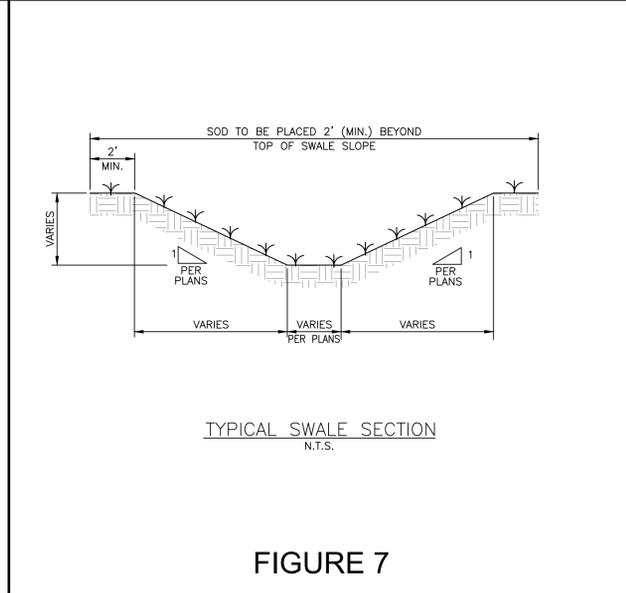


FIGURE 7

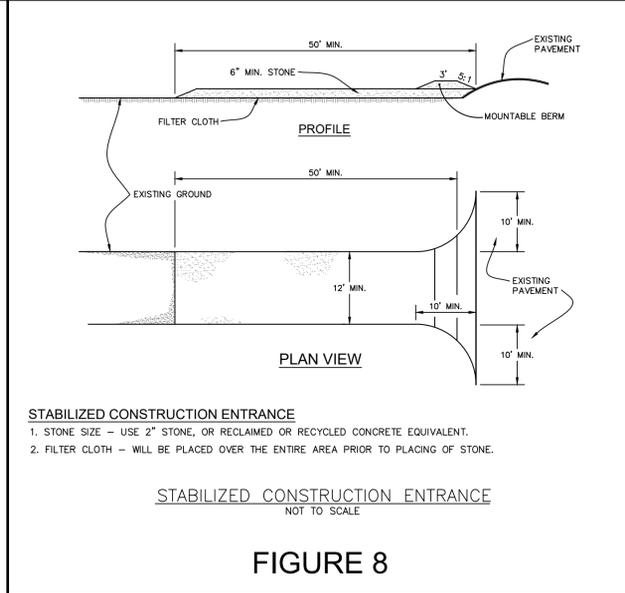


FIGURE 8

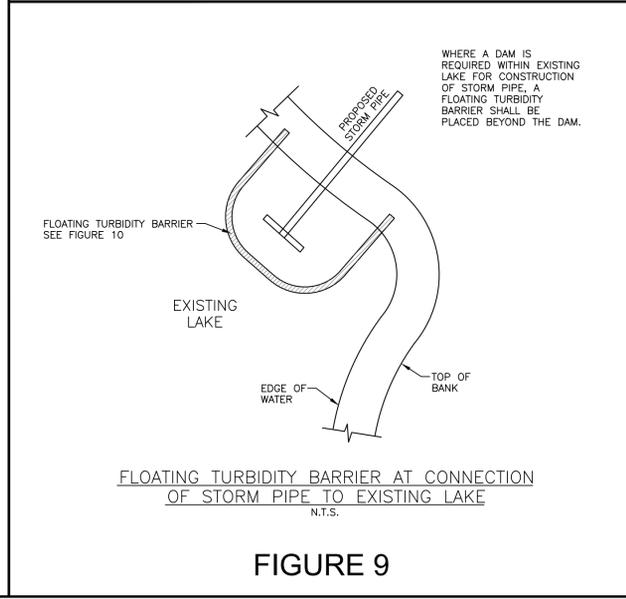


FIGURE 9

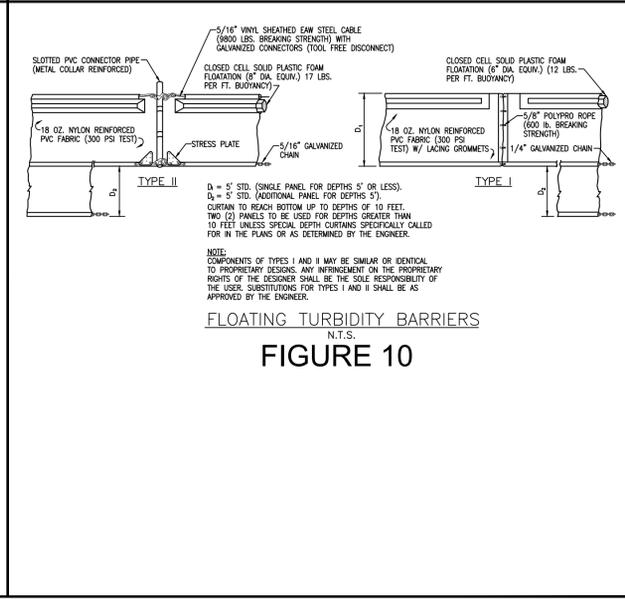


FIGURE 10

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

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 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

KHA PROJECT	04-0937-022
DATE	MARCH 2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	DSC
CHECKED BY	RVB
DATE	

EROSION CONTROL DETAILS

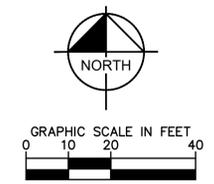
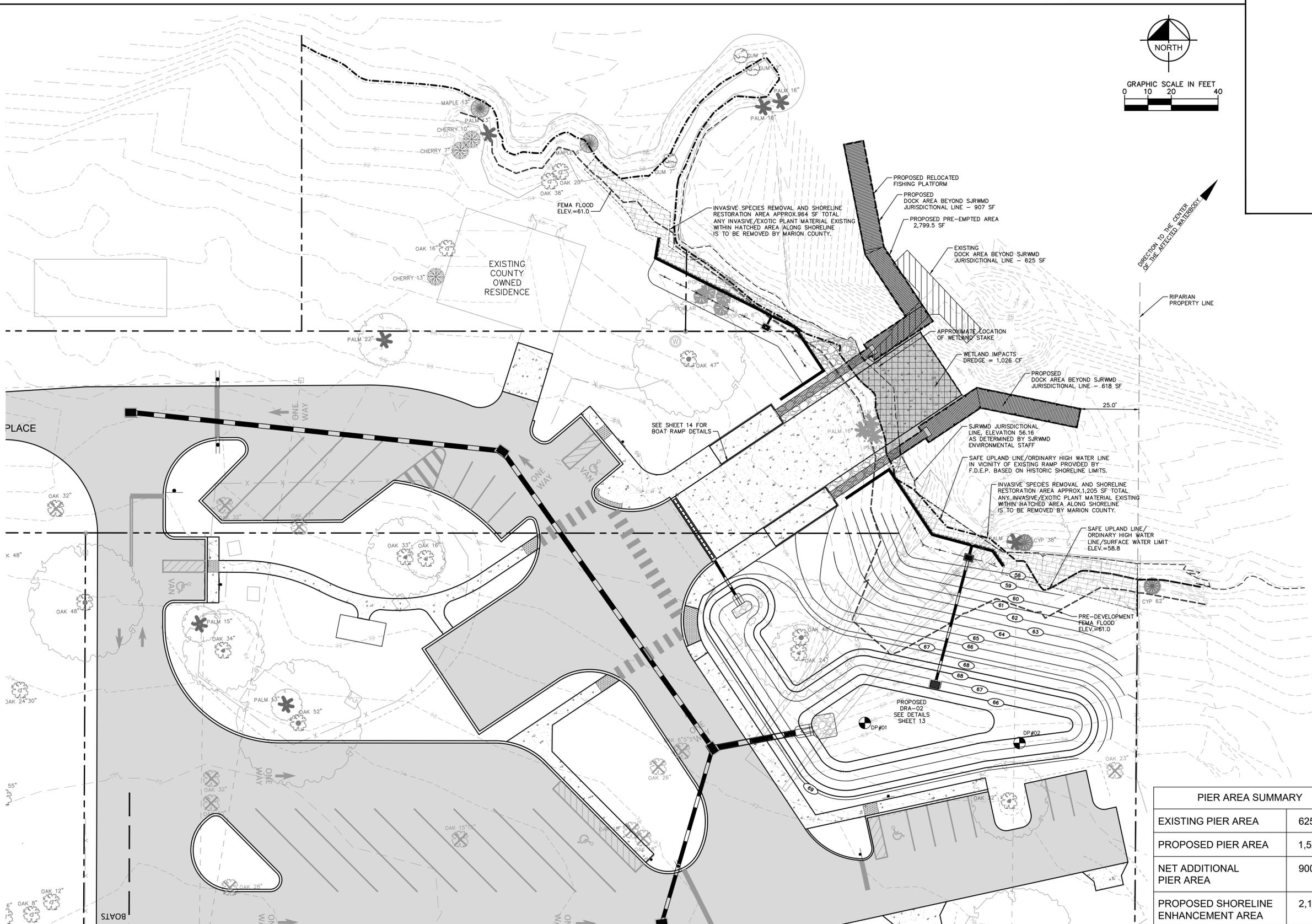
LICENSED PROFESSIONAL
 RICHARD V. BUSCHE, P.E.
 FLORIDA LICENSE NUMBER 58558

HEAVY BURRY BOAT RAMP
 PREPARED FOR
 MARION COUNTY BOARD OF
 COUNTY COMMISSIONERS

MARION COUNTY FLORIDA
 HEAVY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

SHEET NUMBER
17

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NORTH
 GRAPHIC SCALE IN FEET
 0 10 20 40

DIRECTION TO THE CENTER
 OF THE RETAINED MATERIALS

PIER AREA SUMMARY	
EXISTING PIER AREA	625 SF
PROPOSED PIER AREA	1,525 SF
NET ADDITIONAL PIER AREA	900 SF
PROPOSED SHORELINE ENHANCEMENT AREA	2,169 SF

No.	REVISIONS	DATE	BY
1	BID SET	03-11-24	DSC

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 1700 SE 17TH STREET, SUITE 200, OCALA, FLORIDA 34471
 PHONE: 352-438-3000
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL
 RICHARD V. BUSCHE, P.E.
 FLORIDA LICENSE NUMBER
 58568
 DESIGNED BY: KHA
 DRAWN BY: DSC
 CHECKED BY: RVB
 DATE:

ENVIRONMENTAL IMPACTS

HEAGY BURRY BOAT RAMP
 PREPARED FOR
MARION COUNTY BOARD OF COUNTY COMMISSIONERS
 MARION COUNTY FLORIDA
 HEAGY BURRY BOAT RAMP - MARION COUNTY MAJOR SITE PLAN

HYDROGRAPHIC SURVEY OF HEAGY BURRY BOAT RAMP FOR MARION COUNTY PARKS & RECREATION DEPARTMENT IN SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST MARION COUNTY, FLORIDA

**DEVELOPMENT REVIEW
COMMITTEE
MARION COUNTY, FLORIDA**

APPLICATION #: 13066
APPROVAL DATE: 6/2/2014
EXPIRATION DATE: 6/2/2016

All construction shall conform to the construction standards contained in the Marion County Land Development Code, latest revision. Areas of the right-of-way disturbed during construction shall be dressed and sodded. Seed and mulch may be used if approved by the County Engineer or designee.

NOTICE
The approval of these plans is limited to construction under the jurisdiction of Marion County and does not substitute nor waive the requirements of other agencies for additional permits, as applicable, by state and/or federal laws.

Approval subject to the road abrogation and the easements to the adjacent property owners

GPI Southeast, Inc.
1414 S.W. MARTIN LUTHER KING JR. AVE.
OCALA, FLORIDA 34471 (352) 368-9055
(LICENSED BUSINESS NO. 7560)

GPI
Engineering • Surveying • Permitting • Environmental Analysis • Construction Services

SHEET INDEX	
SHEET 1: COVER SHEET	SHEET 2: HYDROGRAPHIC SURVEY

CONTROL POINT STATE PLANE COORDINATE TABLE			
POINT	NORTHING	EASTING	DESCRIPTION
9	1851514.5057	590136.2986	FOUND MAG NAIL WITH DISK MARKED "GFY LB021"
10	1851502.8437	589834.7706	FOUND MAG NAIL WITH DISK MARKED "GFY LB021"
2101	1851690.5540	590136.5565	SET 5/8" REBAR WITH CAP MARKED "TRAV. PT. LB7560"

- LEGEND**
- 0.0/-0.0 = DEPTH TO TOP OF MUCK / DEPTH TO BOTTOM OF MUCK (DEPTH IS FROM ORDINARY HIGH WATER)
 - * = MUCK DISTURBED BY VEGETATION CHOPPING ON 4/24/2013
 - SJRWMD = ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 - 66.0 — = 1.0' INTERVAL CONTOUR LINES
 - — — — — = RIGHT-OF-WAY LINE
 - — — — — = PARCEL LINES
 - — — — — = ORDINARY HIGH WATER LINE (ELEVATION = 58.8 FEET)
 - — — — — = APPROXIMATE WATER'S EDGE (ELEVATION = 52.7 FEET)

NOTES:

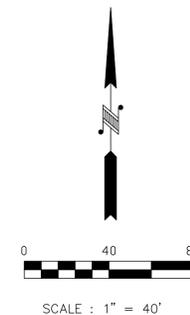
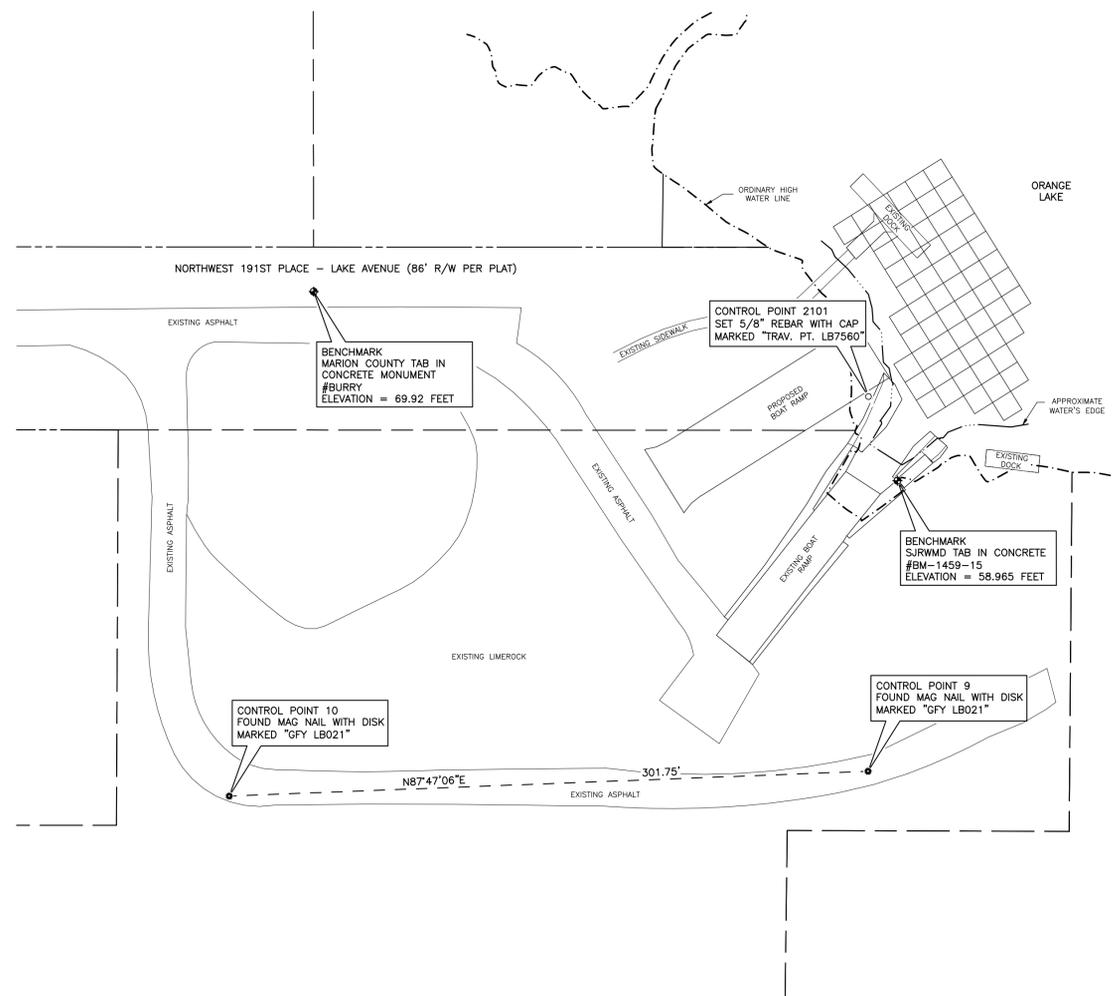
1. THE BEARING AND COORDINATES SHOWN HEREON ARE BASED ON THE STATE OF FLORIDA STATE PLANE COORDINATE SYSTEM, WEST FLORIDA ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 1990, AS TAKEN FROM THE HEAGY-BURRY BOAT RAMP PARK BOUNDARY & TOPOGRAPHIC SURVEY BY GEORGE F. YOUNG, INC., JOB #10003800GS, DATED 07/29/2010, WITH THE BEARING BETWEEN CONTROL POINTS 9 AND 10 BEING N87°47'06"E.
2. ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) DETERMINED BY TIES TO THE FOLLOWING BENCHMARK: BM-1459-15 ELEVATION = 58.965'.
3. THIS SURVEY IS OF VISIBLE SURFACE FEATURES ONLY. UNDERGROUND IMPROVEMENTS, INTERIOR IMPROVEMENTS AND/OR ENCROACHMENTS, IF ANY, WERE NOT LOCATED.
4. COPIES OF THIS SURVEY ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF THE FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER LISTED HEREON.
5. TOPOGRAPHIC DATA AND FEATURES ABOVE THE WATER'S EDGE ARE BASED ON PREVIOUS SURVEY REFERENCED IN NOTE 1 ABOVE.
6. THE ORDINARY HIGH WATER LINE OF ORANGE LAKE HAS BEEN ESTABLISHED AT AN ELEVATION OF 58.8 FEET, NATIONAL GEODETIC VERTICAL DATUM OF 1929, AS SHOWN ON PREVIOUS SURVEY REFERENCED IN NOTE 1 ABOVE.
7. FIELD SURVEY WAS PERFORMED ON THE DATES OF 04/09/2013 THROUGH 04/25/2013.

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT WE HAVE MADE A HYDROGRAPHIC SURVEY, THAT IT IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION THEREOF; AND THAT THIS SURVEY AND PLAT CONFORM WITH THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER FJ-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DATE SIGNED: _____

LAWRENCE E. BLAND
PROFESSIONAL SURVEYOR & MAPPER 4834
STATE OF FLORIDA



DATE OF SURVEY: APRIL 25, 2013

Images:

XRefs:

Project: Job No. Clients: Heagy Burry\dwg\HEAGY1.dwg
Plot Date: May 20, 2013 11:07am
LTScale=40 DwgScale=40 Tab=SHEET 1
By: hblair Profile: Carlson2012
SC:

DATE

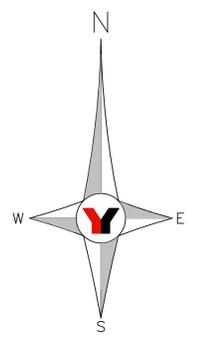
REVISION

DATE OF SURVEY: 04-25-2013
FILE #: 1M/622 F.B./PG.-M163MA/48
DRAWN BY: J.H.B.
CHECKED BY: L.E.B.

SECTION 21-T-12S-R-21E
JOB NUMBER: FOC-2011300.04
DWG. NAME: HEAGRY1.DWG
COGO FILE: HEAGYBURRY.CRD

A HYDROGRAPHIC SURVEY FOR
MARION COUNTY PARKS &
RECREATION DEPARTMENT
MARION COUNTY, FLORIDA

SHEET NO:
1 OF 2



STATE PLANE COORDINATES FOR BOUNDARY CORNERS (SEE MAP TO LEFT)

CORNER NUMBER	NORTHING	EASTING	CORNER FOUND/SET
5	1851486.719	590098.0981	CMF (NO ID.)
7	1851486.277	590231.1890	CMF (NO ID.)
15	1851488.978	589781.5041	CMF (MARION ENG.)
19	1851489.214	589609.5095	RCF 1/2" (PSM 2232)
104	1851302.233	590095.8552	CMF (MARION ENG.)
1230	1851255.600	589606.0478	CMF (BROKEN - NO ID.)
1231	1850893.740	589601.0557	RCF 5/8" (PSM 1918)
1244	1851251.995	590135.2759	CMF (PSM 1918)
10010	1850892.280	590133.5254	RCS
5404	1851674.756	589782.4913	RCF 5/8" (PLS 1918)
10012	1851760.745	590039.0933	RCS

RCS - INDICATES 1/2" STEEL ROD & CAP SET (GFY LB021)
 CMF - INDICATES 4" X 4" CONCRETE MONUMENT FOUND (ID. AS NOTED)
 RCF - INDICATES STEEL ROD & CAP FOUND - (SIZE & ID. AS NOTED)
 NOTE: THESE COORDINATES HAVE BEEN DERIVED USING MARION COUNTY HORIZONTAL CONTROL STATIONS "BERRY" AND "HEAGY".

SURVEYOR'S NOTES

- The measured bearings hereon are based on the assumed bearing of S89°44'05"E, between found monumentation, along the South line of Section 21, Township 12 South, Range 21 East, Marion County, Florida.
- Underground utilities, structures and/or foundations, if any, were not located and are not shown.
- Recorded easements and/or adjacent deeds not furnished to the surveyor are not shown.
- Jurisdictional wetlands, if any, were not located and are not shown.
- The bearing along the East right of way line of NW 51st Court - Beach Street (40' R/W) has been established as a best fit line to the existing monumentation found along said line.
- The bearing along the South right of way line of NW 191st Place - Lake Avenue (86' R/W) has been established as a best fit line to the existing monumentation found along said line. Said right of way line was found to 10.71' North of the distance shown on the Plat of Lockbie.
- There is apparent 50.10' overlap in the existing monumentation when compared to the deed description for Tax Parcel #02786-001-000 and the Marion County Property Appraiser's legal description for Tax Parcel #02791-000-000. Said overlap being in favor of the County.
- The Southeast corner of Tax Parcel #02786-005-001 was found to be 5.53' West, along the South Line of Section 21, of the deed position. However, the position of the monumented East line agrees well with the deed from the adjoining along that line, Tax Parcel #002786-000-000 (O.R. 3835, page 1533) and has been held as is, by this office.
- The descriptions for Tax Parcel #02879-003-001 and its two adjoiners, Tax Parcel #02786-003-000 and Tax Parcel 02786-002-000, are consistent, with no gaps or overlaps.
- The aerial photograph used hereon was downloaded from the Marion County Property Appraiser's website.
- The elevations shown hereon are based on the Nation Geodetic Vertical Datum of 1929, projected from Benchmark BM-1459-15 (Marion County Vertical Control Station) with a published elevation of 58.965 feet.
- The Ordinary High Water Line of Orange Lake has been established as an elevation of 58.8 feet, National Geodetic Vertical Datum of 1929.

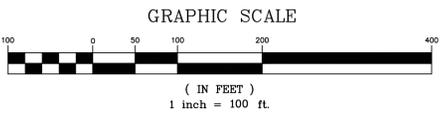
**DEVELOPMENT REVIEW COMMITTEE
MARION COUNTY, FLORIDA**

APPLICATION #: 13066
 APPROVAL DATE: 6/2/2016
 EXPIRATION DATE: 6/2/2016

All construction shall conform to the construction standards contained in the Marion County Land Development Code, latest revision. Areas of the right-of-way disturbed during construction shall be dressed and sodded. Seed and mulch may be used if approved by the County Engineer or designer.

NOTICE
 The approval of these plans is limited to construction under the jurisdiction of Marion County and does not substitute nor waive the requirements of other agencies for additional permits, as applicable, by state and/or federal laws.

Approval subject to the road abrogation and the easements to the adjacent property owners



LEGAL DESCRIPTION (AS PER THIS SURVEY)

PARCEL 1 (TAX PARCEL #02786-005)
 A PARCEL OF LAND SITUATED IN SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA. SAID PARCEL OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT 8" OCTAGON CONCRETE MONUMENT WITH 4" BRASS DISK (MARION COUNTY) MARKING THE SOUTHEAST CORNER OF SAID SECTION 21 FOR A POINT OF REFERENCE; THENCE RUN N89°44'05"W ALONG THE SOUTH LINE THEREOF, A DISTANCE OF 503.79 FEET TO A 1/2" STEEL ROD AND CAP (GFY LB021) AND THE POINT OF BEGINNING; THENCE CONTINUE N89°44'05"W ALONG SAID SOUTH LINE, A DISTANCE OF 532.50 FEET TO A 5/8" STEEL ROD AND CAP (PSM 1918) LYING ON THE EAST RIGHT OF WAY LINE OF NORTHWEST 51ST COURT (40' R/W); THENCE RUN N00°53'13"E ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 361.69 FEET TO A 4" SQUARE CONCRETE MONUMENT (NO ID.) LYING ON THE SOUTH RIGHT OF WAY LINE OF A 50.00 FOOT ROADWAY AS DESCRIBED IN OFFICIAL RECORDS BOOK 324, PAGE 135, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA; THENCE RUN S89°31'44"E ALONG SAID SOUTH RIGHT OF WAY LINE, A DISTANCE OF 529.17 FEET TO A 4" SQUARE CONCRETE MONUMENT (PSM 1918); THENCE RUN S00°21'35"W, A DISTANCE OF 359.75 FEET TO THE POINT OF BEGINNING.

PARCEL 2 (TAX PARCEL #02786-005-001, TAX PARCEL #02791-000-000, TAX PARCEL #02786-003-001)
 A PARCEL OF LAND SITUATED IN SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST, MARION COUNTY, FLORIDA. SAID PARCEL OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCE AT 8" OCTAGON CONCRETE MONUMENT WITH 4" BRASS DISK (MARION COUNTY) MARKING THE SOUTHEAST CORNER OF SAID SECTION 21 FOR A POINT OF REFERENCE; THENCE RUN N89°44'05"W ALONG THE SOUTH LINE THEREOF, A DISTANCE OF 1036.29 FEET TO A 5/8" STEEL ROD AND CAP (PSM 1918) LYING ON THE EAST RIGHT OF WAY LINE OF NORTHWEST 51ST COURT (40' R/W); THENCE RUN N00°53'13"E ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 411.64 FEET TO A 4" SQUARE CONCRETE MONUMENT (PLS 1918) LYING ON THE NORTH RIGHT OF WAY LINE OF A 50.00 FOOT ROADWAY AS DESCRIBED IN OFFICIAL RECORDS BOOK 324, PAGE 135, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA, AND THE POINT OF BEGINNING; THENCE CONTINUE N00°53'13"E ALONG SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 183.69 FEET TO A 1/2" STEEL ROD AND CAP (PSM 2232); THENCE RUN S89°53'08"E, A DISTANCE OF 172.07 FEET TO A 4" SQUARE CONCRETE MONUMENT (MARION ENG.); THENCE RUN N00°20'51"E, A DISTANCE OF 185.80 FEET TO A 5/8" STEEL ROD & CAP LYING ON THE SOUTH RIGHT OF WAY LINE OF NORTHWEST 191ST PLACE (86' R/W); THENCE RUN S89°53'08"E ALONG SAID SOUTH RIGHT OF WAY LINE, A DISTANCE OF 347.97 FEET TO AN INTERSECTION WITH THE ORDINARY HIGH WATER LINE OF ORANGE LAKE, HEREINAFTER REFERRED TO AS POINT "A"; RETURN TO THE POINT OF BEGINNING; THENCE RUN S89°31'47"E ALONG SAID NORTH RIGHT OF WAY LINE OF 50.00 FOOT ROADWAY, A DISTANCE OF 489.04 FEET TO A 4" SQUARE CONCRETE MONUMENT (MARION ENG.); THENCE RUN N00°46'39"E, A DISTANCE OF 184.51 FEET TO A 4" SQUARE CONCRETE MONUMENT (NO ID.); THENCE RUN S89°44'43"E, A DISTANCE OF 133.10 FEET TO A 4" SQUARE CONCRETE MONUMENT (NO ID.); THENCE RUN N00°32'28"E, A DISTANCE OF 168.77 FEET TO AN INTERSECTION WITH THE ORDINARY HIGH WATER LINE OF ORANGE LAKE; THENCE RUN NORTH AND WEST ALONG SAID ORDINARY HIGH WATER LINE, A DISTANCE OF 184.5 FEET, MORE OR LESS, TO POINT "A" AND THE CLOSE OF THE HEREIN DESCRIBED PARCEL OF LAND.

PARCEL 3 (TAX PARCEL #02908-001-000) O.R. 5246, PG. 1050
 THE EAST 50 FEET OF MILL LOT OF ORANGE LAKE, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK A, PAGE(S) 42A, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

LEGAL DESCRIPTION (AS PREVIOUSLY RECORDED)

(TAX PARCEL #02908-001-000) O.R. 5246, PG. 1050
 THE EAST 50 FEET OF MILL LOT OF ORANGE LAKE, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK A, PAGE(S) 42A, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

(TAX PARCEL #02786-005-000) O.R. 5246, PG. 943
 THAT PORTION OF THE FOLLOWING DESCRIBED PARCEL LYING TO THE SOUTH OF THE EXISTING PUBLIC RIGHT OF WAY:
 COMMENCE AT THE NORTHEAST CORNER OF BLOCK 21, TOWN OF LOCKBIE, (ORANGE LAKE), AS PER PLAT RECORDED IN PLAT BOOK E, PAGE 36, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA; THENCE RUN 40 FEET EAST TO THE EAST BOUNDARY OF BEACH STREET; AND THENCE RUN SOUTH 177 FEET TO THE POINT OF BEGINNING; FROM SAID POINT OF BEGINNING, CONTINUE SOUTH ALONG THE EAST BEACH STREET TO A POINT ON THE SOUTH BOUNDARY OF SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST; THENCE RUN EAST ALONG THE SOUTH BOUNDARY OF SAID SECTION 21, A DISTANCE OF 538.03 FEET; THENCE RUN NORTH 382 FEET, MORE OR LESS, TO THE NORTH BOUNDARY OF A 50 FOOT COUNTY ROAD AS RECORDED IN DEED BOOK 324, PAGE 135; THENCE WEST ALONG THE NORTH BOUNDARY OF SAID ROAD 215 FEET; THENCE NORTH 184.71 FEET; THENCE WEST 323.43 FEET TO THE POINT OF BEGINNING. EXCEPTION THEREFROM THE RIGHT OF WAY FOR COUNTY ROAD IN DEED BOOK 324, PAGE 135, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

(TAX PARCEL #02786-005-001) O.R. 5246, PG. 943
 THAT PORTION OF THE FOLLOWING DESCRIBED PARCEL LYING TO THE NORTH OF THE EXISTING PUBLIC RIGHT OF WAY:
 COMMENCE AT THE NORTHEAST CORNER OF BLOCK 21, TOWN OF LOCKBIE, (ORANGE LAKE), AS PER PLAT RECORDED IN PLAT BOOK E, PAGE 36, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA; THENCE RUN 40 FEET EAST TO THE EAST BOUNDARY OF BEACH STREET; AND THENCE RUN SOUTH 177 FEET TO THE POINT OF BEGINNING; FROM SAID POINT OF BEGINNING, CONTINUE SOUTH ALONG THE EAST BEACH STREET TO A POINT ON THE SOUTH BOUNDARY OF SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST; THENCE RUN EAST ALONG THE SOUTH BOUNDARY OF SAID SECTION 21, A DISTANCE OF 538.03 FEET; THENCE RUN NORTH 382 FEET, MORE OR LESS, TO THE NORTH BOUNDARY OF A 50 FOOT COUNTY ROAD AS RECORDED IN DEED BOOK 324, PAGE 135; THENCE WEST ALONG THE NORTH BOUNDARY OF SAID ROAD 215 FEET; THENCE NORTH 184.71 FEET; THENCE WEST 323.43 FEET TO THE POINT OF BEGINNING. EXCEPTION THEREFROM THE RIGHT OF WAY FOR COUNTY ROAD IN DEED BOOK 324, PAGE 135, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

(TAX PARCEL #02791-005-000) O.R. 3077, PG. 576
 THE FOLLOWING DESCRIBED LAND FOUND IN SECTION 21, TOWNSHIP 12 SOUTH, RANGE 21 EAST IN MARION COUNTY, FLORIDA AS DESCRIBED LOCKBIE SUBDIVISION FOUND IN THE PUBLIC RECORDS OF MARION COUNTY PLAT BOOK "E" PAGE 36 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCING AT THE NORTHEAST CORNER OF BLOCK #21 OF LOCKBIE SUBDIVISION AS RECORDED IN THE PUBLIC RECORDS OF MARION COUNTY PLAT BOOK "E" PAGE #36. THENCE EAST ALONG THE SOUTH RIGHT OF WAY OF LAKE AVE. (A.K.A. N.W. 191ST PLACE HAVING A TOTAL RIGHT OF WAY WIDTH OF 86.00 FEET) TO THE POINT OF BEGINNING A DISTANCE OF 210.04 FEET. THENCE S00°44'13"W A DISTANCE OF 185.86 FEET. THENCE S89°46'46"E A DISTANCE OF 101.79 FEET. THENCE S00°40'56"W TO THE NORTH RIGHT OF WAY OF AN UNNAMED ROAD (HAVING A RIGHT OF WAY OF 50.00 FEET) A DISTANCE OF 184.75 FEET. THENCE S89°40'47"E ALONG SAID NORTH RIGHT OF WAY TO THE POINT OF BEGINNING A DISTANCE OF 215.08 FEET. THENCE N00°34'24"E A DISTANCE OF 102.29 FEET. THENCE WEST A DISTANCE OF 161.23. THENCE S00°21'15"W A DISTANCE OF 184.71 FEET. THENCE WEST A DISTANCE OF 102.00 FEET. THENCE N00°21'15"E TO SAID SOUTH RIGHT OF WAY OF LAKE AVE. A DISTANCE OF 102.00 FEET. THENCE N00°21'15"E TO THE SOUTH RIGHT OF WAY OF N.W. 191ST PLACE A DISTANCE OF 177.00 FEET. THENCE WEST ALONG SAID RIGHT OF WAY TO THE POINT OF BEGINNING A DISTANCE OF 51.39 FEET. THE ABOVE DESCRIBED PROPERTY CONTAINING 0.51 ACRES MORE OR LESS.
 *****SURVEYOR'S NOTE- THIS LEGAL DESCRIPTION DOES NOT FORM A CLOSED GEOMETRIC FIGURE, AND IS IMPOSSIBLE TO RECONCILE WITH THE PARCEL OF LAND IT ATTEMPTS TO DESCRIBE.*****

(TAX PARCEL #02786-003-001) O.R. 5174, PG. 1335
 THE FOLLOWING DESCRIBED LAND FOUND IN SECTION 21 TOWNSHIP 12 SOUTH, RANGE 21 EAST IN MARION COUNTY, FLORIDA AS DESCRIBED LOCKBIE SUBDIVISION FOUND IN THE PUBLIC RECORDS OF MARION COUNTY PLAT BOOK "E", PAGE #36 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCING AT THE NORTHEAST CORNER OF BLOCK #21 OF LOCKBIE SUBDIVISION AS RECORDED IN THE PUBLIC RECORDS OF MARION COUNTY PLAT BOOK "E", PAGE #36. THENCE EAST ALONG THE SOUTH RIGHT OF WAY OF LAKE AVE. (A.K.A. N.W. 191ST PLACE HAVING A TOTAL RIGHT OF WAY WIDTH OF 86.00 FEET) A DISTANCE OF 210.04 FEET. THENCE S00°44'13"W A DISTANCE OF 185.86 FEET. THENCE S89°46'46"E A DISTANCE OF 101.79 FEET. THENCE S00°40'56"W TO THE NORTH RIGHT OF WAY OF AN UNNAMED ROAD HAVING A RIGHT OF WAY OF 50.00 FEET A DISTANCE OF 184.75 FEET. THENCE S89°40'47"E ALONG SAID NORTH RIGHT OF WAY TO THE POINT OF BEGINNING A DISTANCE OF 215.08 FEET. THENCE CONTINUING ALONG SAID NORTH RIGHT OF WAY LINE, S89°40'47"E A DISTANCE OF 53.81 FEET. THENCE N00°21'15"E A DISTANCE OF 184.61 FEET. THENCE S89°54'56"E A DISTANCE OF 133.18 FEET. THENCE N00°21'15"E TO THE MEAN HIGH WATER LINE OF ORANGE LAKE A DISTANCE OF 171.34 FEET. THENCE N82°20'01"W ALONG SAID HIGH WATERLINE A DISTANCE OF 53.06 FEET. THENCE S00°25'01"W A DISTANCE OF 167.51 FEET. THENCE WEST A DISTANCE 133.27 FEET. THENCE S00°34'24"W TO THE POINT OF BEGINNING. THE ABOVE DESCRIBED PARCEL CONTAINING 0.47 ACRES MORE OR LESS.

SURVEYOR'S CERTIFICATION

I hereby certify to Marion County Board of County Commissioners that the sketch hereon is an accurate representation of the lands described hereon, is in compliance with the Minimum Technical Standards in Chapter 5J-17 of the Florida Administrative Code as set forth by the Florida Board of Professional Surveyors and Mappers pursuant to Section 472.027 Florida Statutes, as surveyed under my direct supervision and is true and correct to the best of my knowledge and belief.

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

NO.	BY	DATE	DESCRIPTION	NO.	BY	DATE	DESCRIPTION
1				6			
2				7			
3				8			
4				9			
5				10			

INITIALS	DATE
CREW CHIEF	07/29/10
DRAWN	07/30/10
CHECKED	
FIELD BOOK	SEE FILE FOLDER
FIELD DATE	07/29/2010

George F. Young, Inc.
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 PHONE (352) 378-1444 • FAX (352) 372-2502
 LICENSED BUSINESS No. 021
 ARCHITECTURE • ENGINEERING • ENVIRONMENTAL • LANDSCAPE • PLANNING • SURVEYING • UTILITIES
 BRADENTON • GAINESVILLE • ORLANDO • PALM BEACH GARDENS • SARASOTA • ST. PETERSBURG • TAMPA
 Since 1919

Michael L. Horbert PSM#4995
 DATE

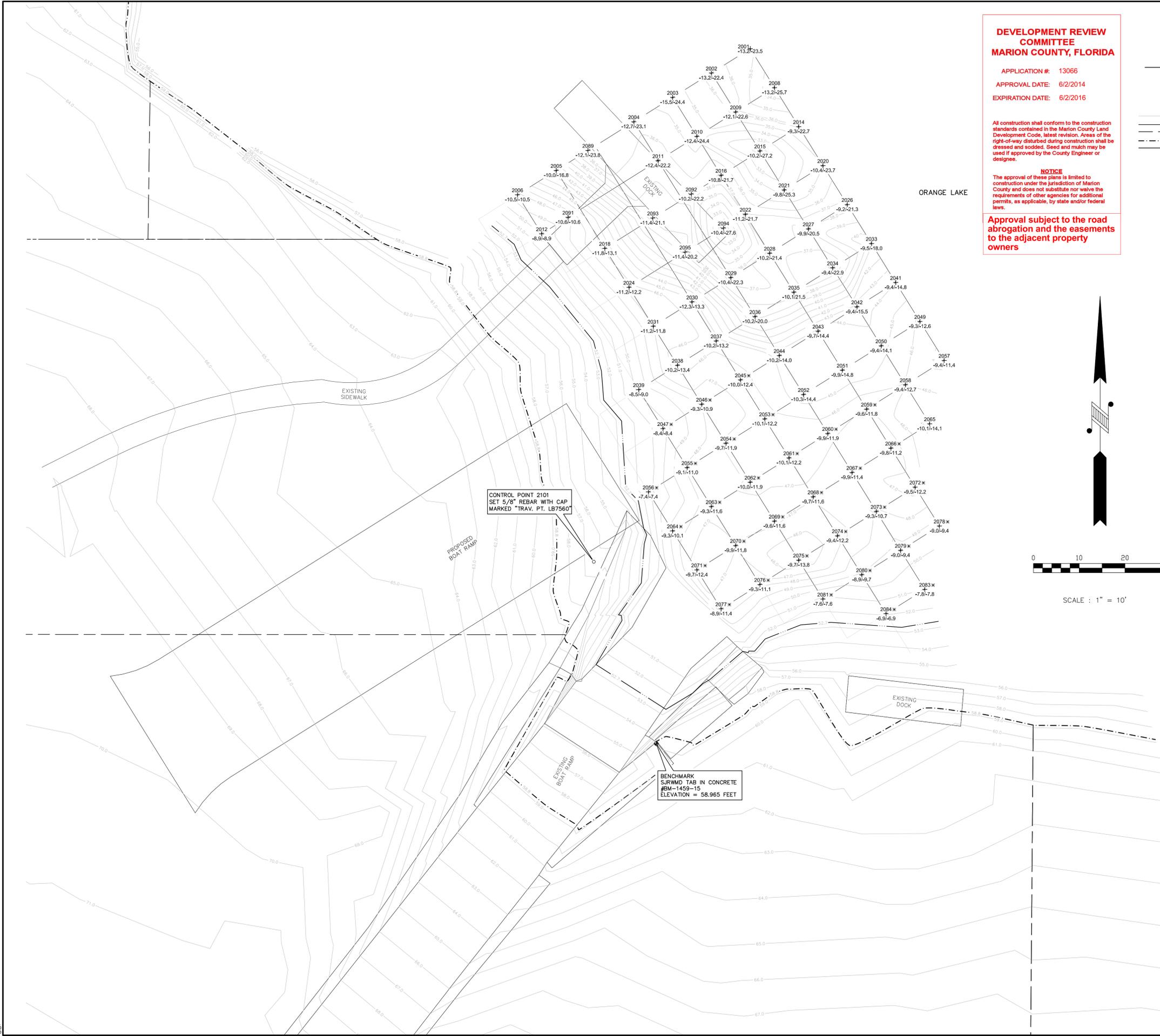
HEAGY-BURRY BOAT RAMP PARK
 BOUNDARY & TOPOGRAPHIC SURVEY
 SECTION 21, TOWNSHIP 12 S., RANGE 21 E.
 MARION COUNTY, FLORIDA

JOB NO. 10003800GS
 SHEET NO. 1 OF 4

Images:

XRefs:

Project Job No. Client:
 1414 S.W. MARTIN LUTHER KING JR. AVE.
 Ocala, Florida 34471 (352) 368-5055
 (LICENSED BUSINESS NO. 7560)
 Plot Date: May 20, 2013 11:07am By: hbarb Profile: Consistent
 L1Scale=10 DwgScale=10 Tab=Sheet 2
 SC:



DEVELOPMENT REVIEW COMMITTEE
MARION COUNTY, FLORIDA

APPLICATION #: 13066
 APPROVAL DATE: 6/2/2014
 EXPIRATION DATE: 6/2/2016

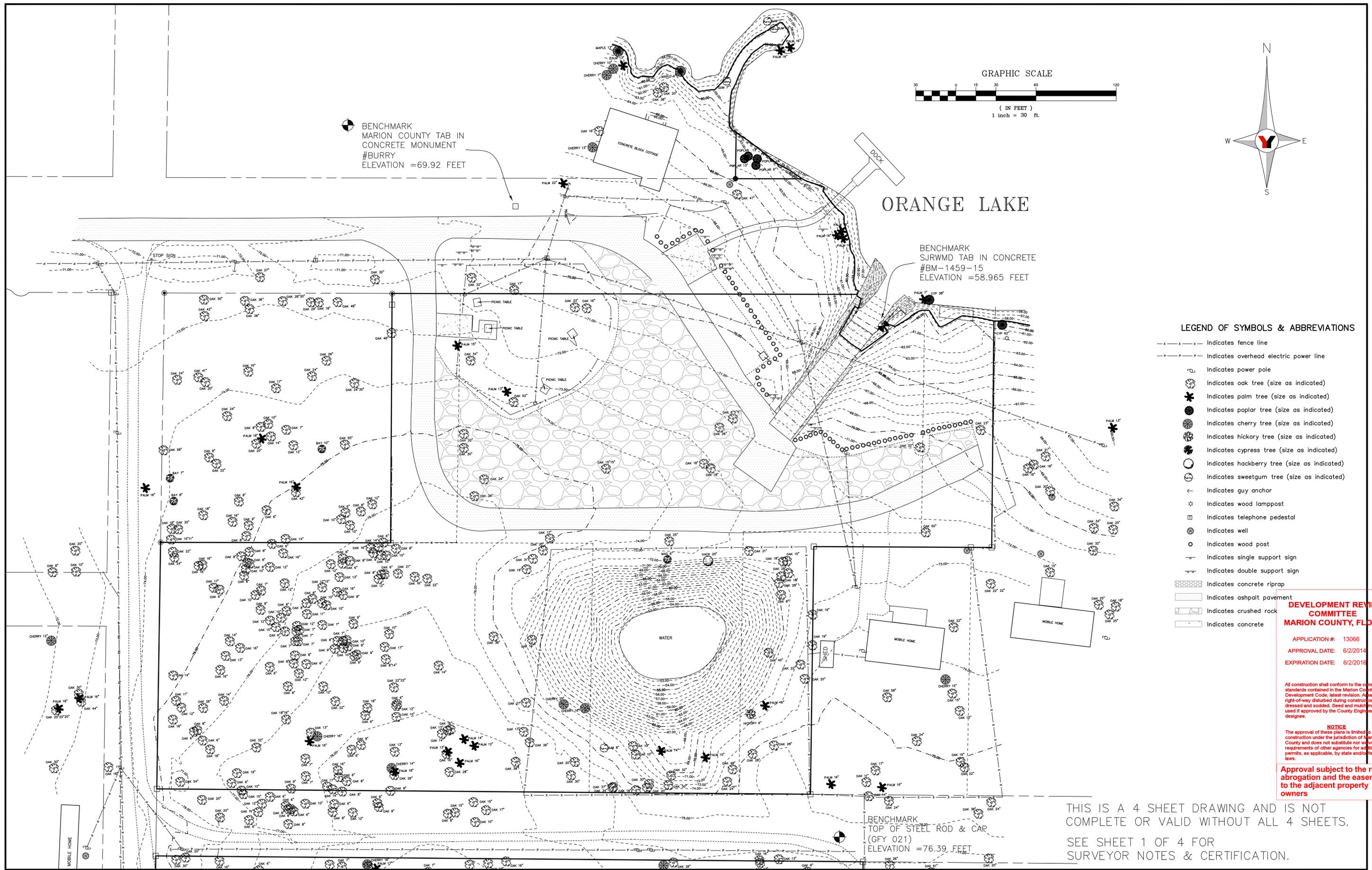
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NOTICE
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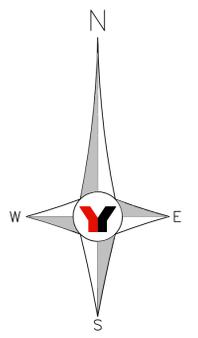
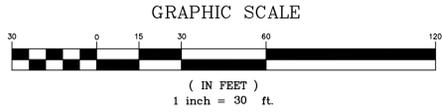
Approval subject to the road abrogation and the easements to the adjacent property owners

- LEGEND**
- 0.0/-0.0 = DEPTH TO TOP OF MUCK / DEPTH TO BOTTOM OF MUCK (DEPTH IS FROM ORDINARY HIGH WATER)
 - * = MUCK DISTURBED BY VEGETATION CHOPPING ON 4/24/2013
 - SJRWMD = ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 - = 1.0' INTERVAL CONTOUR LINES
 - - - - - = RIGHT-OF-WAY LINE
 - = PARCEL LINES
 - = ORDINARY HIGH WATER LINE (ELEVATION = 58.8 FEET)
 - = APPROXIMATE WATER'S EDGE (ELEVATION = 52.7 FEET)

POINT	ELEVATION TABLE (FEET)			HARD OR MUD BOTTOM BELOW BOTTOM OF MUCK
	TOP OF MUCK ELEVATION	BOTTOM OF MUCK ELEVATION	DEPTH OF MUCK	
2001	45.6	35.3	10.3	MUD
2002	45.6	36.4	9.2	MUD
2003	43.3	34.4	8.9	MUD
2004	46.1	35.7	10.4	MUD
2005	48.8	42.0	6.8	MUD
2006	48.3	48.3	0.0	HARD
2008	45.6	33.1	12.5	MUD
2009	46.7	36.2	10.5	MUD
2010	46.4	34.4	12.0	MUD
2011	46.4	36.6	9.8	MUD
2012	49.9	49.9	0.0	HARD
2014	49.5	36.1	13.4	MUD
2015	48.6	31.6	17.0	MUD
2016	48.0	37.1	10.9	MUD
2018	47.0	45.7	1.3	MUD
2020	48.4	35.1	13.3	MUD
2021	49.0	33.5	15.5	MUD
2022	47.6	37.1	10.5	MUD
2024	47.6	46.6	1.0	MUD
2026	49.6	37.5	12.1	MUD
2027	48.9	38.3	10.6	MUD
2028	48.6	37.4	11.2	MUD
2029	48.4	36.5	11.9	MUD
2030	46.5	45.5	1.0	MUD
2031	47.6	47.0	0.6	MUD
2033	49.3	40.8	8.5	MUD
2034	49.4	35.9	13.5	MUD
2035	48.7	37.3	11.4	MUD
2036	48.6	38.8	9.8	MUD
2037	48.6	45.6	3.0	MUD
2038	48.6	45.4	3.2	MUD
2039	50.3	49.8	0.5	HARD
2041	49.4	44.0	5.4	MUD
2042	49.4	43.3	6.1	MUD
2043	49.1	44.4	4.7	MUD
2044	48.6	44.8	3.8	MUD
2045	48.8	46.4	2.4	HARD*
2046	49.5	47.9	1.6	HARD*
2047	50.4	50.4	0.0	HARD*
2049	49.5	46.2	3.3	MUD
2050	49.4	44.7	4.7	MUD
2051	48.9	44.0	4.9	MUD
2052	48.5	44.4	4.1	MUD
2053	48.7	46.6	2.1	HARD*
2054	49.1	46.9	2.2	HARD*
2055	49.7	47.8	1.9	HARD*
2056	51.4	51.4	0.0	HARD*
2057	49.4	47.4	2.0	MUD
2058	49.4	46.1	3.3	MUD
2059	49.2	47.0	2.2	HARD*
2060	48.9	46.9	2.0	HARD*
2061	48.7	46.6	2.1	HARD*
2062	48.8	46.9	1.9	HARD*
2063	49.5	47.2	2.3	HARD*
2064	49.5	48.7	0.8	HARD*
2065	48.7	44.7	4.0	MUD
2066	49.0	47.6	1.4	HARD*
2067	48.9	47.4	1.5	HARD*
2068	49.1	47.2	1.9	HARD*
2069	49.2	47.2	2.0	HARD*
2070	48.9	47.0	1.9	HARD*
2071	49.1	46.4	2.7	CONCRETE*
2072	49.3	46.6	2.7	HARD*
2073	49.5	48.1	1.4	HARD*
2074	49.4	46.6	2.8	HARD*
2075	49.1	45.0	4.1	HARD*
2076	49.5	47.7	1.8	HARD*
2077	49.9	47.4	2.5	CONCRETE*
2078	49.8	49.4	0.4	HARD*
2079	49.8	49.4	0.4	HARD*
2080	49.9	49.1	0.8	HARD*
2081	51.2	51.2	0.0	HARD*
2083	51.0	51.0	0.0	HARD*
2084	51.9	51.9	0.0	HARD*
2089	46.7	35.0	11.7	MUD
2091	48.2	48.2	0.0	MUD
2092	48.6	36.6	12.0	MUD
2093	47.4	37.7	9.7	MUD
2094	48.4	31.2	17.2	MUD
2095	47.4	38.6	8.8	MUD



BENCHMARK
MARION COUNTY TAB IN
CONCRETE MONUMENT
#BURY
ELEVATION =69.92 FEET



ORANGE LAKE

BENCHMARK
SJRWMD TAB IN CONCRETE
#BM-1459-15
ELEVATION =58.965 FEET

LEGEND OF SYMBOLS & ABBREVIATIONS

- x - x - x - Indicates fence line
- - - - - Indicates overhead electric power line
- ⊙ Indicates power pole
- ⊙ Indicates oak tree (size as indicated)
- ✱ Indicates palm tree (size as indicated)
- ⊙ Indicates poplar tree (size as indicated)
- ⊙ Indicates cherry tree (size as indicated)
- ⊙ Indicates hickory tree (size as indicated)
- ⊙ Indicates cypress tree (size as indicated)
- ⊙ Indicates hackberry tree (size as indicated)
- ⊙ Indicates sweetgum tree (size as indicated)
- ⊙ Indicates guy anchor
- ⊙ Indicates wood lamppost
- ⊙ Indicates telephone pedestal
- ⊙ Indicates well
- ⊙ Indicates wood post
- ⊙ Indicates single support sign
- ⊙ Indicates double support sign
- ⊙ Indicates concrete riprap
- ⊙ Indicates asphalt pavement
- ⊙ Indicates crushed rock
- ⊙ Indicates concrete

DEVELOPMENT REVIEW COMMITTEE MARION COUNTY, FLORIDA

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THIS IS A 4 SHEET DRAWING AND IS NOT COMPLETE OR VALID WITHOUT ALL 4 SHEETS.

SEE SHEET 1 OF 4 FOR SURVEYOR NOTES & CERTIFICATION.

BENCHMARK
TOP OF STEEL ROD & CAP
(GFY 021)
ELEVATION =76.39 FEET

NO.	BY	DATE	DESCRIPTION
1			
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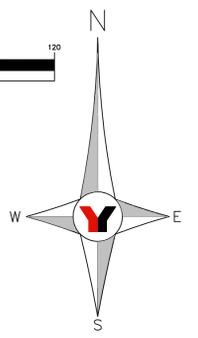
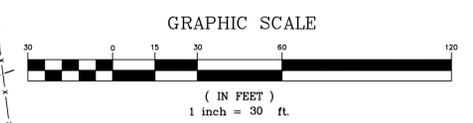
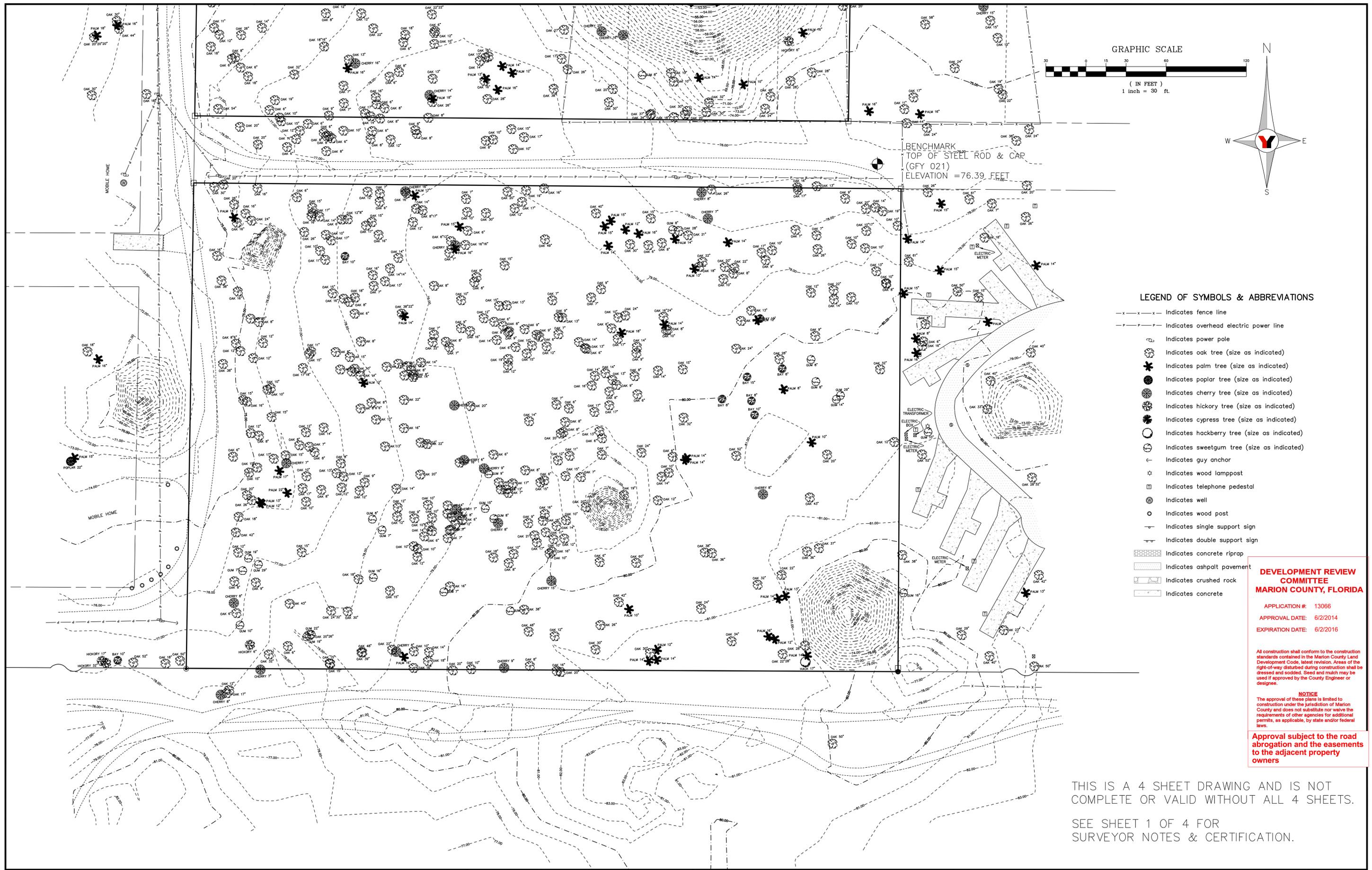
NO.	BY	DATE	DESCRIPTION
6			
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INITIALS	DATE
CREW CHIEF	07/29/10
DRAWN	07/30/10
CHECKED	
FIELD BOOK	SEE FILE FOLDER
FIELD DATE	07/29/2010

George F. Young, Inc.
1905 SOUTH MAIN STREET GAINESVILLE, FLORIDA 32601
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LICENSED BUSINESS No. 021
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BOUNDARY & TOPOGRAPHIC SURVEY
SECTION 21, TOWNSHIP 12 S., RANGE 21 E.
MARION COUNTY, FLORIDA

JOB NO.
10003800GS
SHEET NO.
3 OF 4



BENCHMARK
TOP OF STEEL ROD & CAP
(GFY 021)
ELEVATION = 76.39 FEET

LEGEND OF SYMBOLS & ABBREVIATIONS

- x - x - x - Indicates fence line
- P - P - P - Indicates overhead electric power line
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JOB NO. 10003800GS
SHEET NO. 4 OF 4