HERNANDO COUNTY PARKS & RECREATION DEPARTMENT

16161 FLIGHT PATH DRIVE BROOKSVILLE FL 34604

(OFFICE 352-754-4031)

JENKIN'S CREEK FISHING PIER REPLACEMENT

PURCHASE ORDER # 22000821 CONTRACT # 18-R00045/PH, TASK ORDER #22 PARCEL KEY: 375702 PROJECT AREA: 0.38 ACRES



100% CONSTRUCTION PLAN REVIEW

COASTAL ENGINEERING PROJECT #22056

Miles

Project Location



SECTION 31, TOWNSHIP 22 S., RANGE 17 E.

DESCRIPTION

60% PLAN SUBMITTAL

FINAL PLANS

100% PLAN SUBMITTAL

SECTION 06, TOWNSHIP 23 S., RANGE 17 E.

DATE

03/13/2023

04/14/2023

TECHNICAL SPECIFICATIONS

THE FOLLOWING ARE INCORPORATED HEREIN BY REFERENCE:

FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.

HERNANDO COUNTY COMMISSIONERS DISTRICT-1 ELIZABETH NARVERUD VICE CHAIRMAN

CHATRMAN

2ND VICE CHAIRMAN

DISTRICT-2 BRIAN HAWKINS DISTRICT-3 JOHN ALLOCCO

DISTRICT-4 JERRY CAMPBELL DISTRICT-5 STEVE CHAMPION

COMMUNITY SERVICES DIRECTOR CHRIS LINSBECK PROJECT MANAGER ROB TALMAGE

- 2. FLORIDA DEPARTMENT OF TRANSPORTATION "ROADWAY AND TRAFFIC DESIGN STANDARDS", LATEST EDITION.
- 3. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 4. F.D.O.T. UTILITY ACCOMMODATION MANUAL (2017).
- 5. HERNANDO COUNTY UTILITIES DEPARTMENT WATER, RECLAIMED WATER AND WASTEWATER CONSTRUCTION SPECIFICATIONS MANUAL, LATEST EDITION.
- 6. HERNANDO COUNTY DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION FACILITY DESIGN GUIDELINES EDITION OCT 2008

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PLANS PREPARED BY:



bmalmberg@coastal-engineering.com

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

Brian M. Malmberg, State of Floride, Professional Engineer, License No. 59405; This Item has been digitally signed and sealed by Brian M. Malmberg on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



DESIGN ENGINEER BRIAN M. MALMBERG, P.E., REGISTRATION NO.

- CONTINUE TO A SHALL BE RESPONDED FOR PRIVATE AND THE DURATION OF WHITE CONSTRUCTION. MARKERS AND PROPERTY CONNERS (MONUMENTS, PIPES, ETC.) FOR THE DURATION OF CONSTRUCTION. MARKERS SHALL BE CONTINUOUSLY FLAGGED AND SHALL BE RESET. IMMEDIATELY BY A FLORIDA LICENSED LAND SURVEYOR IF ANY SHOULD BECOME DISTURBED.
- 4. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE THRE OF THE PREPARATION OF THESE DRAWNINS AND OO NOT PHENOR TO BE ABOUTLETY CORRECT. THE CONTRACTOR SHALL VERIF THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, ETC. AFFECTING HIS WORK PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH, DRIVEWAYS, SIDEWALKS, RETAINING WALLS, ETC. REMOVED OR DAMAGED DIRRING CONSTRUCTION AT NO ADDITIONAL COSTS WITH THE SAME MATERIAL REMOVED OR DAMAGED OR AS DIRECTED BY THE ENDINEET.
- THE CONTRACTOR SHALL SATISFY HIMSELF AS TO POSSIBLE INCIDENTAL CONFLICTS WITH EXISTIN STRUCTURES SUCH AS MAIL BOXES, SIGNS, FERCES, BILLBOARDS, ETC. AND SHALL INCLIDE IN HIS OVERALL COSTS THE REMOVAL AND OR REPLACEMENT AND PROTECTION OF SUCH INCIDENTAL ITEM
- THE CONTRACTOR, PRIOR TO BIDDING THIS WORK, SHALL APPRAISE HIMSELF AS TO ALL ABOVE AND BELOW GROUND FEATURES THAT HE MAY ENCOUNTER DURING CONSTRUCTION AND INCLUDE INTO HIS OVERALL BIO ALL COSTS FOR SPECIFIC CONSTRUCTION METHODS AND PROCEDURES THAT NEED TO BE TAKEN TO WORK ARDUND SUCH APPURTENANCES.
- CONSTRUCTION SHALL BE CARRIED OUT "IN THE DRY". THE CONTRACTOR SHALL REVIEW SITE
 CONDITIONS AND DETERMINE METHODS AND EXTENT OF DEWATERING RECESSARY AND SHALL INCLUDE
 COSTS OF DEWATERING IN THE BILD. ON ADDITIONAL COMPRISATION SHALL BE PROVIDED FOR CONTROL
 OF GROUND OR SURFACE WATER OR FOR ADDITIONAL MATERIALS. OR REWORK REQUIRED AS A RESULT OF
 MADIQUALTO OR NOUPPICHENT DEWATERING.
- 10. ALL WORK TO BE PREFORMED FOR THE COMPLETION OF THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE BEST PRACTICES OF THE INDUSTRY AND IN ACCORDANCE WITH APPLICABLE FEDERAL STATE, AND/OR COUNTY CODES, ORDINANCES, STANDARDS AND PERMIT CONDITIONS. FLORIDA BUILDING CODE (LATEST EDITION) AS APPLICABLE.

MINIMUM REQUIRED AS-BUILTS

GENERAL

- THE CONTINACTOR SHALL BE RESPONSIBLE FOR SUPPLYING A RECORD SURVEY(S) PREPARED AND SUBMITTED BY A FLORIDA. LICENSOD PROFESSIONAL SURVEYOR AND AWARE ARCHITOCHE, BUT REPORT OF THE OWNER AND AWARE ARCHITOCHE AND AWARE ARCHITOCHE ARCHI
- ALL DIMENSIONS SHALL BE IN FEET DIMENSIONED OFF CENTERLINE OF ROADS OR OTHER PERMANENT STRUCTURES. IF ONLY ONE DIMENSION CAN BE TAKEN OFF THE CENTERLINE OF ROAD, THE SECOND SHALL BE OFF A PERMANENT MARKER OR REFERENCE POINT.
- FOUR (4) SETS OF 24X36 SIGNED AND SEALED AS-BUILT DRAWINGS, ONE (1)CD WITH AUTOCAD AND ADOBE PDF'S OF ALL SHEETS SHALL BE SUBMITTED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.

TECHNICAL SPECIFICATIONS

ALL SITE AND UTILITY WORK PERFORMED ON THIS PROJECT SHALL BE GOVERNED BY THE APPLICABLE PROVISIONS OF HERNANDO COUNTY. IN ADDITION, THE FOLLOWING STANDARDS ARE INCORPORATED BY REFERENCE:

- STANDARD FOR DESIGN AND CONSTRUCTION OF WATER, WASTEWATER, AND RECLAIMED WATER FACILITIES FOR HERNANDO COUNTY, LATEST EDITION.
- FLORIDA DEPT. OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.
- 4 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCO), LATEST FOITION
- HERNANDO COUNTY DEPARTMENT OF PUBLIC WORKS / ENGINEERING FACILITY DESIGN GUIDELINES, LATEST EDITION.

HERNANDO COUNTY NOTES

- A RIGHT-OF-WAY USE PERMIT IS REQUIRED FOR ANY WORK IN COUNTY RIGHT-OF-WAY. APPROVED
 CONSTRUCTION PLANS AND MOT PLANS ARE REQUIRED TO APPLY FOR THE PERMIT.
- CONTRACTOR TO MOTIFY DPW INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION IN THE COUNTY RIGHT-OF-WAY. DPW INSPECTION HUST BE PRESENT FOR ALL PAYING / PAVING ON COUNTY OWNED INSPECTION FOR EXCEPTION IN COLOR AT 325-754-490 OR PMAIL.
- CONTRACTOR SHALL PROVIDE 24 HOUR NOTICE TO LOCAL EMERGENCY SERVICES DEPARTMENTS WHENEVER CONSTRUCTION ACTIVITIES ARE EXPECTED TO IMPEDE NORMAL TRAFFIC FLOW.

ENVIRONMENTAL PROTECTION NOTES

- CONSTRUCTION EQUIPMENT SHALL NOT BE OPERATED IN WETLAND AREAS UNLESS SUCH CONSTRUCTION
 PRACTICES ARE APPROVED IN A PLAN OF OPERATION SUBMITTED TO THE ENGINEER & THE APPROPRIATE
 REGULATORY AUTHORITIES. WHERE CONSTRUCTION IS NECESSARY ACROSS OR ADJACENT TO WETLAND
 JURISDICTIONIA. AREAS, SLIT BARRIERS SHALL BE INSTALLED AS SHOWN ON THE PLANS. SLIT BARRIERS
 SHALL BE CONSIDERED LIMITS OF CONSTRUCTION WITHOUT OR ADJACENT TO JURISDICTIONIA. AREAS.
- CONSTRUCTION SHALL PROCEED SUCH THAT ALL STORMWATER FACILITIES WITHIN A WATERSHED AREA ARE IN PLACE AND OPERATIONAL PRIOR TO CONSTRUCTION OF IMPERVIOUS SURFACES WITHIN THAT AREA
- STAKED OR FLOATING SET SCREENS OR SYNTHETIC HAY BALES, AS APPROPRIATE, SHALL BE UTILIZED AS SET BRAREES AND FLACED IN LOCATIONS SHOWN ON THE FLASS AND AT OTHER LOCATIONS AS REQUIRED TO SET SERIORIET FOR SHEAR CHARLES WATER SOCIETY OF WITH LAW BALES AND ADDRESS OF THE STATE OF THE SAME OF THE SAME OF THE SAME SER SHOWN OF THE SAME BE COMPATIENT REPORTED TO THE SAME SHOWN OF THE OWNER AND PRICE TO THE ACCEPTANCE.
- 4. ALL FUGITIVE DUST SHALL BE CONTROLLED ON SITE. ONLY AREAS SCHEDULED FOR IMMEDIATE CONSTRUCTION SHALL BE CLEARED OR STRIPPED OF VEGETATION. WATERING OR OTHER PRIOR A MEANS OF DUST CONTROL SHALL BE EMPLYICED TO PEVENT THE EMBANTION OF DUST FROM THE PERMANENT GRASSING, LANDSCAPING AND OTHER SITE WORK SHALL BE INITIATED AS SOON AS POSSIBLE.
- ALL WATER COLLECTED AND PUMPED DURING TRENCH DEWATERING ACTIVITIES SHALL BI UPLAND AREAS INTO DOUBLE STAKED HAY BALES. DISCHARGE LOCATIONS SHALL BE A M FEET FROM THE NEAREST SURFACE WATER BODY OR WETLAND AREA, TO ALLOW FOR MAX FILTRATION OF SOIL PARTICLES.
- 6. TEMPORARY STOCKPILES SHALL NOT BE LOCATED ADJACENT TO UNDISTURBED WETLANDS. ADDITIONALLY, STOCKPILES TO REMAIN FOR LONGER THAN 24 HOURS SHALL BE CONFIDED BY SITE ABARIERS WHICH PREVENT RUNDEY ESDIMENTATION FROM ENCENDED, BY AND AREAS OR SURFACE WATER BOOIES. STOCKPILES IN RULCE AND WINCHES FOR TO MAYS OR MORE TO HAVE VEGETATIVE COVER TO PREVENT WIND DESIGNAL AND SENDENT DISSENSE.
- ALL TRASH AND CONSTRUCTION DEBRIS PRODUCES FROM THIS PROJECT SHALL BE COLLECTED BY THE CONTRACTOR DAILY, HISSE MATERIAS SHALL BE STAGED OR CONTRIBURIZED AS RECESSARY TO PROPERLY ACCURATE A RELEGIANT SHALL SHALL BE THE ACCORDANCE WITH THE PROPERLY ACCURATE A RELEGIANT OF STATE AND THE MATERIALS SHALL BE IN ACCORDANCE WITH
- 8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING PORTABLE SANITARY WASTE UNITS ON-SITE FOR USE BY HIS EMPLOYEES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN CONTROL OF ANY HAZARDOUS MATERIALS UTILIZED ON-SITE FOR CONSTRUCTION. STORAGE CONTAINERS, VEHICLES, ETC. WILL BE INSPECTED REGULARLY FOR LEAKAC A SPILL PREVENTION PLAN SHALL BE ESTABLISHED WHICH COVERS CLEANUP AND NOTIFICATION OF APPROPRIATE GOVERNMENT AGENCIES.
- 11. THE CONTRACTION IS RESPONSIBLE FOR CONTROLLING STEE RESIDENCE AND SMALL NOT UNINCESSABLY REMOVE DESTING VICENTATION OR ALTRE RESISTENT OFFICIAL PROPRIES AND ADMILLANCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTENCE AND ADMILLANCE AND CREME AND ADMILLANCE AND CREME AND ADMILLANCE RESISTENCE AND ADMILLANCE AND ADMILLANCE RESISTENCE AND ADMILLANCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTENCE AND ADMILLANCE RESISTANCE R
- 13. THE REMOVAL OF LITTORAL SHELP VEGETATION (INCLIDING CATTALLS) FROM WET DETENTION PONDS IS PROHIBITED UNLESS OTHERWISE APPROVED BY THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT, (SWWHMD). REMOVAL INCLIDES EXECUTION, THE APPLICATION OF HEREIGLES, CUTTINA AND THE INTRODUCTION OF GRASS CARP. ANY QUESTIONS REGARDING ANTHORIZED ACTIVITIES WITH THE WET DETENTION PORTS SHALL BE ADDRESSED TO THE REGULATION MANAGER OF SWRYMPS LOCAL OFFICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TEMPORARY SEDIMENT/EROSION CONTROL
 DEVICES WHEN NO LONGER NEEDED.

SPECIAL NOTES TO CONTRACTORS

- UNLESS SPECIFIED OTHERWISE, CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED ITEMS SHOWN WITHIN THE CONSTRUCTION PLANS.
- CONSTRUCTION EQUIPMENT AND MATERIAL TRANSPORT / STAGING SHALL BE LIMITED TO THE AREA SHOWN ON THE CONSTRUCTION PLANS.
- 4. CONSTRUCTION EQUIPMENT AND MATERIAL TRANSPORT / STAGING IS THE RESPONSIBILITY OF THE CONTRACTOR. UPON REQUEST, THE OWNER WILL PROVIDE ACCESS TO THE CLOSEST ONEN SPACE ON AND AVAILABLE FOR THE CONTRACTOR'S USE, HOWEVER, THE SITE MY AND THE CONTRIGUOUS TO THE PROJECT AREA OR OF SUFFICIENT SIZE TO ACCOMMODATE THE ENTIRE PROJECT INVENTORY OF MATE! / EQUIPMENT.
- CONTRACTOR SHALL COMPILE A PRE-CONSTRUCTION VIDEO FOR THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR/REPLACEMENT OF ANY DAMAGE TO FACILITIES CAUSED BY CONSTRUCTION OR CONSTRUCTION TRAFFEY.
- CHARLES CONTROL CONTROL CENTRAL CONTROL CONTRO
- HERNANDO COUNTY HAS AN NPDES ORDINANCE REQUIRING COMPLIANCE ON ALL CONSTRUCTION SITES (CH. 28, ARTICLE X, SEC. 28-341 TO 403)
- CONSTRUCTION ACTIVITIES WILL TAKE PRACE IN AN ACTIVE DRAINAGE (SURFACE WATER) FEATURE.
 CONTRACTOR IS RESPONSIBLE TO SEQUENCE THE WORK, PROVIDE TEMPORARY CHANNEL DIVERSIONS,
 BERNS, COFFERDAMS, AND/OR PUMPHING IN ORDER TO ACCOMPLISH THE WORK. ADDITIONALLY, EROSION
 AND SEDIMENT CONTROL DEVICES INCCESSARY TO PREVENT OFFSITE DISCHARGE ARE ALSO REQUIRED.
- 10. A GEOTECHNICAL REPORT WAS PERFORMED BY TIERRA PINDINGS OF THEIR SUBSURFACE INVESTIGATION AND RECOMMENDATIONS ARE PROVIDED IN THEIR REPORT DATED JANUARY 23, 2023. THE REPORT AND THEIR RECOMMENDATIONS ARE PROVIDED IN THE REPORT DATED JANUARY 23, 2023. THE REPORT AND THEIR RECOMMENDATIONS ARE PROVIDED IN THE REPORT OF THE REPORT OF THE PROVIDED HIS REPORT. INCLUDING, BUT NOT LIMITED TO, RETAINING A GEOTECHNICAL ENGINEER TO PROVIDE OSSERVATION AND TESTING OF RELIEFE CONSTRUCTION ACTIVITIES.
- 11. THE CONSULTANT, COASTAL ENGINEERING ASSOCIATES, INC., ASSUMES NO LIABILITY OR RESPONSIBILITY FOR THE GEOTECHNICAL RESULTS SHOWN ON THESE PLANS. A FULL REPORT IS AVAILABLE FROM THE ENCINEER.
- 12. RECOMEND THAT THE CONTRACTOR DETERMINE THE ACTUAL GROUNOWATER LEVELS AND SURFICIAL WATER ROW LEVELS AT THE TIME OF THE CONSTRUCTION TO DETERMINE THE IMPACT OF THE WATER ROW LEVELS AT THE TIME OF THE CONSTRUCTION TO DETERMINE THE MAPACT OF THE CONSIDERATE OF ROUTET CONSISTS OF PROMOTED TO AN AUSTINGORPHATION GITCH, THE CONSIDERATION STORM OF A PROMOTED THE CONTRACTOR SHOULD HAVE QUALIFIED PREVIOUS EXPERIENCE (DEWATERING, CONTROLLING SEPPAGE FORCES, AND GERRAL GROUNDWASTER CONTROLLING THE PROJECT OF

GENERAL NOTES

- STAKE OUT IN FIELD PRIOR TO BEGINNING WORK. SCHEDULE A FIELD MEETING WITH COUNTY STAFF AND ENGINEER TO APPROVED STAKED LOCATION. SOME FIELD ADJUSTMENT MAY OCCUR.
- 2. CONTRACTOR TO PROVIDE SUBMITTALS FOR APPROVAL ON ALL MATERIALS PRIOR TO CLEARING.
- 3. CONTRACTOR SHALL INSTALL SILT FENCE AND TURBIDITY BARRIERS PRIOR TO ANY CONSTRUCTION
- CONTRACTOR SHALL INSPECT AND SURVEY THE CONDITION OF THE EXISTING STRUCTURES, PRE AND POST CONSTRUCTION.
- CONTRACTOR TO MONITOR VIBRATION LEVELS DURING THE OPERATION OF ANY EQUIPMENT CAUSING VIBRATION INCLUSIVE OF TIMBER PILE DRIVING AND EMBANKMENT COMPACTION. EXISTING BRIDGE PILES SHALL BE CUT OFF 2"-0" BELOW EXISTING GRADE. PILES MAY BE EXTRACTED/PULLED IF EXTRACTION CAN BE ACCOMPLISHED WITHOUT CREATING ANY DAMAGE TO THE EXISTING CREEK BED.
- THE CONTRACTOR SHALL PROVIDE AN EROSION, SEDIMENTATION, AND POLLUTION PREVENTION PLAN, AND PROVIDE CONTROL DEVICES INCLUDING MONITORING, REPORTING, AND MAINTENANCE.
- 8. THE FOLLOWING FEDERALLY AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: WEST INDIAN MANATE, AND MARINE TURTLES. THE CONTRACTOR SHALL COMPAY WITH ALL FEDERAL AND STATE REQUIREMENTS AREAGANION, ENDANGED AND THREATENED SPECIES AND STATE LISTED SPECIES OF SPECIAL CONCERN. SHOULD THRES SPECIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTRACT THE PROJECT ROMERIES WITHIN 24 A MODE OF EACH ENCOUNTER.
- ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY THE CONTRACTOR OR ANY SUB-CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 10 CONSTRUCTION WORK HOURS SHALL BE FROM 7:00 AM TO SUNSET SEVEN DAYS A WEEK
- 11. CONTRACTOR SHALL ADHERE TO ALL PERMIT REQUIREMENTS AND FEDERAL, STATE, AND LOCAL



STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING CONDITIONS INTENDED TO PROTECT MANATEES FROM DIRECT PROJECT EFFECTS:

- a. ALL PERSONNEL ASSOCIATED WITH THE PROJECT SHALL BE INSTRUCTED AROUT THE PRESENCE OF ALL PERSONNEL ASSOCIATED WITH THE PROJECT SHALL BE INSTRUCTED ABOUT THE PRESENCE OF MANATEES AND MANATEE SPEED DOISE, AND THE VED TO ANDID COLLISIONS WITH AND INJURY TO MANATEES. THE PERMITTEE SHALL ADVISE ALL CONSTRUCTION PERSONNEL THAT THERE ARE CUTUL AID CRIMINAL PENALTIES FOR HARMING, HARASSING, OR KILLING MANATES WHICH ARE PROTECTED UNDER THE MARINE MAMMAL PROTECTION ACT, THE ENDANGERED SPECIES ACT, AND THE FLORIDA MANATEE SANCTURY ACT.
- b. ALL VESSELS ASSOCIATED WITH THE CONSTRUCTION PROJECT SHALL OPERATE AT "IDLE SPEED/NO WAKE" AT ALL TIMES WHILE IN THE IMMEDIATE AREA AND WHILE IN THE WATER WHERE THE DRAFT OF THE VESSE PROVIDES LESS THAN A FOUR-FOOT CLEARANCE FROM THE BOTTOM. ALL VESSELS WILL FOLLOW ROUTES OF DEEP WATER WHENEVER POSSIBLE.
- C. SILTATION OR TURBIDITY BARRIERS SHALL BE MADE OF MATERIAL IN WHICH MANATEES CANNOT BECAME ENTANCIED, SHALL BE PROPERLY SECURED, AND SHALL BE REGULARLY MONITORED TO AVOID MANATEE ENTANCIEMENT OR ENTRAPHENT. BARRIERS MUST NOT IMPREDE MANATEE
- 4. ALL ON-SITE PROJECT PRESCHINEL ARE RESPONSIBLE FOR OBSERVING WATER-RELATED ACTIVITIES FOR THE PRESENCE OF RAMATES(S). ALL IN-WATER OPERATIONS, INCLUDING VESSELS, NUTL BE SAULTDOWN BY A MANATES(S) COMES WITHIN 50 FEET OF THE OPERATION. ACTIVITIES WILL NOT RESUME UNITL. THE MANATES(S) NAS MOVED BEYOND THE SOPOCIT ABOUT OF THE PROJECT. OPERATION, OR UNTIL 30 MINUTES ELAPSES IF THE MANATEE(S) HAS NOT REAPPEARED WITHIN 50 FEET OF THE OPERATION. ANIMALS MUST NOT BE HERDED AWAY OR HARASSED INTO LEAVING.
- ANY COLLISION WITH OR INJURY TO A MANATEE SMALL BE REPORTED IMMEDIATELY TO THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (PWC) HIGHLING AT 1-888-404-3922. COLLISION AMOJOR INJURY SHOULD ALSO BE REPORTED TO THE L. S. FISH AND WILDLIFE SERVICE IN MICKSOWILLE (1-904-731-338) FOR NORTH FLORIDA OR VERO BEACH (1-772-562-3909) FOR SOUTH FLORIDA, AND TO PIKC AT Imperited/Specie-give/PMC.com
- SOUTH FLUMIN, AND LOWE, A I IMPRIMES/SOCIETY/PAY.

 THEPORARY SIGN CHECKERHING MANATES SHALL BE POSTED POINT O AND DURING ALL AWARDER MODICY ACTIVITIES, ALL SIGNS ARE TO BE REMOVED BY THE PRANTITE LOVAL IN A STATE OF THE ADDRESS OF THE PRANTITE STATE OF THE PRANTIS OF

PRE-CONSTRUCTION VIDEO

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT TO PERFORM COLOR AUDIO-VIDEO RECORDING OF THE PROJECT SITE SURFACES AS SPECIFIED HEREIN. CONTRACTOR SHALL FURNISH TO THE OWNER A COPY OF A CONTINUOUS COLOR AND AUDIO-VIDEO DVD RECORDING OF THE PROJECT SITE.
- THE OWNER RESERVES THE RIGHT TO REJECT THE AUDIO-VIDEO DVD BECAUSE OF POOR QUALITY, UNINTELLIGIBLE AUDIO OR UNCONTROLLED PAID OR ZOOM. ANY VIDEO REJECTED BY THE OWNER SHALL BE RE-VIDEOED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL SUBMIT ONE (1) DVD TO THE OWNER FOR FORMAT AND CONTENT APPROADLY PRIOR TO THE START OF ANY WORK.
- 3. EXECUTION: PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION, EQUIPMENT OR MATERIAL MOBILIZATION, THE CONTRACTOR SHALL PERFORM AN AUDIO-VIDEO SURVEY OF THE PROJECT SITE AREA INCLUDING THE ENTIRE PARK AREA AND ANY AREA WHICH HAS THE FOTENTIAL TO BE DISTURBED BY THE CONTRACTORS OPERATIONS. SPECIFIC REASE OF THIS PROJECT INCLUDE, BUT ARE NOT LIMITED TO:
 - ALL AREAS TO BE ENTERED BY VEHICLES OR EQUIPMENT, INCLUDING CREEK AREAS TO BE ACCESS BY THE WATERWAYS.
 - AREAS AND STRUCTURES (i.e. PIERS, DOCKS, BRIDGES, ETC) TO BE REMOVED AND RECONSTRUCTED.
 - c. PAVED AND UNPAVED AREAS WHICH WILL BE ENTERED BY VEHICLES OR EQUIPMEN
 - d. OTHER AREAS THAT MAY BE IMPACTED BY THE WORK, INCLUDING WORK STAGING AREAS AND FIELD OFFICES, AS DIRECTED BY THE OWNER.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY EXECUTION OF THE PRE-CONSTRUCTION AUDIO-VIDEO SURVEY, ITS VANITAGE POINTS, AND QUALITY. THE CONTRACTOR SHALL COOPERATE THE PHOTOGRAPHER'S WORK AND PROVIDE REASONABLE AUXILIARY SERVICES AS REQUESTED, INC. ACCESS AND USE OF TEMPORARY FACILITIES INCLUDING TEMPORARY LIGHTING.
- SUBMITTED DVD'S SHALL BE REVIEWED AND APPROVED BY THE OWNER WITHIN FIVE (5) DAYS OF SUBMITTAL OF A SATISFACTION SURVEY. SHOULD THE DVD NOT PROVIDE ADEQUATE COVERAGE TO FULLY ILLUSTRATE THE PHYSICAL CONDITION OF THE WORK AREA OR NOT BE IN COMPLIANCE WITH THE SPECIFICATIONS, PROJECT AREAS SHALL BE RE-SURVEYED PRIOR TO THE INITIATION OF CONSTRUCTION AT THE PROJECT SITES, WITH NO ADDITIONAL COST TO THE OWNER.
- A CUMULATIVE INDEX CORRELATING THE VARIOUS SEGMENTS OF THE VIDEO COVERAGE TO THE CORRESPONDING DIVES SHALL BE SUPPLIED TO THE OWNER. THIS INDEX SHALL IDENTIFY EACH SEGMENT THE VIDEO OF LOCATION, REGISTERING STATIONING OTHER STA
- THE VIDEO PORTION OF THE RECORDING SHALL PRODUCE BRIGHT, SHARP, CLEAR PICTURES WITH ACCURATE COLDES AND SHALL BE FREE FROM DISTORTION, TEARING, ROLLS, OR ANY OTHER PICTURE IMPREFECTION. THE AUDID PORTION OF THE RECORDING SHALL REPRODUCE PRECISE AN CONCISE EXPLANATORY NOTES BY THE CAMERA OPERATOR WITH PROPER VOLUME, CLARITY, AND FROM DISTORTION.
- TO PRECLUDE THE POSSIBILITY OF TAMPERING OR EDITING, THE DVD SHALL DISPLAY CONTINUOUS DIGITAL INFORMATION INCLUDING THE FOLLOWING:
 - a. DATE AND TIME OF THE RECORDING; DATE INFORMATION WILL CONTAIN THE MONTH, DAY, AND YEAR; TIME INFORMATION WILL CONTAIN HOURS, MINUTES, AND SECONDS, SEPARATED BY COLON.
- DIGITAL INFORMATION SHALL APPEAR AT THE BOTTOM OF THE VIEWING SCREEN AND IN NO WAY INTERFERE WITH THE VIDEO PORTION OF THE RECORDING.
- 10. AT THE START OF EACH VIDEO RECORDING SEGMENT, AN IDENTIFICATION SUMMARY SHALL BE READ INTO THE RECORD SIMULTANEOUSLY WITH A WIDE-ANGLE VIEW WITH DIGITAL INFORMATION. THE IDENTIFICATION SUMMARY SHALL INCLUDE THE FOLLO

 - a. DVD NUMBER
 b. CONTRACT NUMBER AND PROJECT NAME
 c. CONTRACTOR'S NAME
 d. DATE AND TIME
 c. GENERAL LOCATION ON THE SITE
 f. WEATHER
 D. DIRECTION OF TRAVEL AND VIEWING DIRECTION
 D. DIRECTION OF TRAVEL AND VIEWING DIRECTION
- 11. THE RECORDING SHALL INCLUSE THE CONFIDENCE OF ALL LUBBACE AND OTHER STEET RECORDS COUNTED WAS STORY OF THE STEET OF THE WORK STEED STRONG THE AND ASSESS TO BE RESTORY OF THE WORK STEED STRONG THE STRONG TH
- VIDEO RECORDING MAY BE ORDERED OUTSIDE OF THE AREA OF COVERAGE IN ORDER TO ESTABLISH THOSE FEATURES DEEMED NECESSARY BY THE OWNER.
- VIDEO RECORDING COVERAGE SHALL INCLUDE DOCUMENTATION OF THE CONDITION OF THE SURFACE AND OTHER STITE FEATURES LOCATED WITHIN THE AREA OF COVERAGE AND SHALL BE SUPPORTED BY AND PROPERTY.
 VIDEO RECORDING.
- THE COVERAGE SHALL BE CONTINUOUS (i.e. THE CAMERA SHALL NOT BE TURNED OFF ONCE RECORDING HAS BEGUN) TO THE GREATEST EXTENT POSSIBLE.
- 15. THE BATT OF TRAVEL FOR VIDEO RECORDING SHALL BE DETERMINED BY THE NUMBER, SIZE, AND VALUE OF THE SURFACE AND OTHER STIEF RATINGES WITHIN THE CONSTRUCTION AREA OF COVERAGES OAS TO PRODUCE A CLEAR, DETAILED VIEW OF EACH FRATURE. AND THE SHALL THE RATE OF TRAVEL EXCEED 44 FEET FER MINUTE. FORWARD NOTION OF THE CAMERA SHALL BE HAVED WHEN VERWING OBJECTS OR STRUCTURES OXIDISE THE LIMITS OF THE STREET OR SEGREMANT BERRO COUNTRY.
- 16. THE ENT/ORDANES SALL IN MICE COOK IN AN OUT A RESCONDER SATE OF A TO CONTROL. A PRINCIPLY AND ANY THE PRINCIPLY AND ANY THE ANY THE ANY THE ANY THE ANY THE CAMERA SHALL BE MOUNTED OR A STREAM SHALL BE MOUNTED OR ANY THE AN

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ENERAL

JENKINS CREEK FISHING REPLACEMENT

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PRISED OF THE AND DESIGNS, U. RE N.T. O.F. VICE, 1S THE I.S. NOT TO BE IN PART FOR IN PART FOR IN PART FOR MITHOUT THE CATES, INC. REUSE OF DOC THIS DOCUMENT, COMPRIS INCORPORATED IDEAS AND AS AN IN STRUM, PROFERSONAL, SERVIC ASSOCIATES, INC. AND IS ANSOCIATE, INC. AND IS USED, IN WHOLE OR IN ANY OTHER DIREGOSE WI WHOTER ALTHORATION O BUGINEERING ASSOCIATION

DRAMING SIZE S

G-102

лов мы 22056



C-102 зов ны 22056

PILE #	TOP DECK	GROUND ELEV	TOTAL HEIGHT	PILE #	TOP DECK	GROUND ELEV	TOTAL HEIGHT
3015	3.76	3.2	0.6	3037	5.42	-3.5	8.9
3016	3.82	3.8	0.0	3038	5.28	-1.0	6.3
3017	3.73	3.7	0.0	3039	5.24	-1.5	6.7
3018	3.71	3.7	0.0	3040	5.41	-3.9	9.3
3019	4.01	3.7	0.3	3041	5.41	-4.6	10.0
3020	4.06	3.6	0.4	3042	5.20	-2.3	7.5
3021	4.26	3.6	0.7	3043	5.23	-2.5	7.7
3022	4.40	3.3	1.1	3044	5.41	-5.4	10.8
3023	4.38	3.3	1.1	3045	5.42	-5.7	11.0
3024	4.70	3.1	1.6	3046	5.26	-2.5	7.8
3025	4.82	3.4	1.4	3047	5.43	-5.7	11.1
3026	5.10	1.4	3.7	3048	5.29	-2.3	7.6
3027	5.04	1.2	3.8	3049	5.32	-2.2	7.5
3029	5.40	-0.3	5.7	3050	5.44	-5.9	11.3
3030	5.39	-0.4	5.8	3051	5.45	-5.7	11.2
3031	5.44	-3.2	8.6	3052	5.35	-2.3	7.7
3032	5.44	-2.8	2.6	3053	5.37	-2.2	7.6
3033	5.43	-3.0	8.4	3054	5.45	-5.7	11.2
3034	5.36	-0.4	5.8	3055	5.45	-5.5	11.0
3035	5.32	-0.4	5.7	3056	5.37	-2.0	7.4
3036	5.43	-3.1	8.5	3057	5.37	-1.8	7.2

TOP DECK GROUND ELEV ELEV

-6.3

8.40 -6.7

7.20

7.11 -72

5.99 -6.2

5.92 -6.2

4.90 -5.4

4.80 -5.2

3.72 -3.0

3.66 -2.1

2.43 -0.2

2.50 -0.2

3245

3246

3247

3248

3490

3250

3489

3252

3488

3254

3255

HEIGHT

15.1

13.5

14.3

12.2

12.2

10.3

10.0

6.7

5.8

2.6

2.7

PILE #	TOP DECK ELEV	GROUND ELEV	TOTAL HEIGHT		PILE #	TOF
3058	5.44	-5.0	10.6		3079	
3059	5.43	-4.9	10.3		3080	
3060	5.38	-1.6	7.0		3081	
3061	5.38	-1.7	7.1		3082	
3062	5.43	-4.6	10.0		3083	
3063	5.42	-4.4	9.8		3084	П
3064	5.38	-1.4	6.8		3085	
3065	5.39	-1.3	6.7		3086	
3066	5.42	-4.0	9.4		3087	
3067	5.42	-3.8	9.2		3088	
3068	5.39	-1.2	6.6		3089	П
3069	5.40	-1.1	6.5		3090	
3070	5.41	-4.0	9.4		3091	
3071	5.41	-3.5	8.9		3454	
3072	5.40	-1.1	6.5		3093	
3073	5.40	-1.0	6.4	1	3094	
3074	5.40	-3.5	8.9		3095	
3075	5.39	-3.1	8.5		3096	Г
3076	5.40	-0.9	6.3	1	3097	
3077	5.40	-0.7	6.1	1	3098	
3078	5,38	-3.0	8.4	1	3099	

PILE #	TOP DECK ELEV	GROUND ELEV	TOTAL HEIGHT
3079	5.38	-2.8	8.2
3080	5.40	-0.7	6.1
3081	5.40	-0.6	6.0
3082	5.39	-2.8	8.2
3083	5.39	-2.7	8.1
3084	5.40	-0.8	6.2
3085	5.40	-0.6	6.0
3086	5.39	-2.4	7.8
3087	5.39	-2.5	7.9
3088	5.40	-0.5	5.9
3089	5.40	-0.3	5.7
3090	5.39	-2.6	8.0
3091	5.39	-1.8	7.2
3454	5.39	-0.1	5.5
3093	5.39	-0.3	5.7
3094	5.38	-0.1	5.5
3095	5.38	-1.7	7.1
3096	5.39	-1.6	7.0
3097	5.40	0.3	5.1
3098	5.39	-1.6	7.0
3099	5.41	-1.4	6.8

TOTAL HEIGHT	GROUND ELEV	TOP DECK ELEV	PILE #	TOTAL HEIGHT	GROUND ELEV	TOP DECK	PILE #
7.0	-1.5	5.54	3491	5.0	0.4	5.41	3100
4.4	0.9	5.30	3177	6.7	-1.3	5.42	3373
5.1	0.2	5.34	3178	5.0	0.4	5.43	3374
1.5	3.6	5.13	3000	5.30	0.2	5.45	3375
1.0	4.1	5.13	2999	7.4	-2.0	5.43	3372
0.0	4.9	4.91	2998	8.1	-2.6	5.45	3371
0.0	4.9	4.93	2997	5.6	-0.1	5.46	3159
0.0	4.9	4.93	2996	7.3	-1.8	5.47	3160
0.1	2.3	2.41	3232	5.3	0.2	5.46	3492
0.1	2.3	2.38	3233	7.0	-1.5	5.49	3162
4.8	-0.6	4.16	3234	6.0	0.5	5.46	3163
4.9	-0.7	4.22	3235	5.8	0.3	5.47	3164
8.6	-3.0	5.58	3236	6.8	-1.3	5.51	3165
9.2	-3.6	5.63	3237	6.6	-1.1	5.53	3166
14.2	-7.0	7.16	3238	5.0	0.5	5.47	3167
13.7	-6.6	7.14	3239	7.0	-1.4	5.55	3168
15.9	-7.5	8.42	3240	5.3	0.2	5.48	3169
16.4	-8.0	8.38	3241	7.4	-1.8	5.57	3170
15.4	-7.0	8.39	3242	5.5	0.0	5.48	3171
16.0	-7.6	8.42	3243	6.2	-0.7	5.49	3172
15.4	-7.0	8.42	3244	8.4	-2.8	5.59	3173

PILE #	TOP DECK ELEV	GROUND ELEV	TOTAL HEIGHT
3007	4.14	4.0	0.1
3008	4.15	4.0	0.2
3009	4.50	3.1	1.4
3010	4.49	2.9	1.6
3011	4.47	2.0	2.5
3012	4.78	1.9	2.9
3013	5.07	0.0	5.1
3014	5.07	0.0	5.1

RAMP-2	
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PILE #	TOP DECK ELEV	GROUND ELEV	TOTAL HEIGHT
3101	4.05	3.7	0.4
3102	4.01	3.7	0.3
3103	4.53	2.7	1.8
3104	4.51	2.8	1.7
3105	4.98	0.7	4.3
3106	4.96	0.8	4.2

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PILE #	TOP DECK	GROUND ELEV	TOTAL HEIGHT
3001	4.52	4.5	0.0
3002	4.62	4.4	0.2
3003	4.91	3.2	1.7
3004	4.85	3.3	1.6
3005	5.17	1.2	4.0
3455	5.13	1.0	4.1

RAMP-4

GENERAL	SURVEY	NOTES

- BEARINGS SHOWN HEREON BASED ON THE FLOROA STATE PLANE CORRONATE SYSTEM, WEST ZOHE, NORTH AMERICAN DATUM OF 1983 (MAD 83), 2011
 ADJUSTMENT, ERARINGS SHOWN HEREON SHOWN HEREON ARE ORD BEARINGS.
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RIGHT-OF-WAY INFORMATION SHOWN HEREON WAS TAKEN FROM F.D.O.T. RIGHT-OF-WAY MAPS FOR S.R. ROAD #595 (SHOAL LINE BLVD.), SECTION #90610-2801, SHEET 2, DATED 03/10/1969. AND ALSO FROM SECTION #90613-010. SHEET 1, DATED 04/05/1966.

THIS RIGHT-OF WAY INFORMATION IS ALSO BASED ON EXISTING MONUMENTATION FOUND ALONG THE WESTERLY RIGHT-OF-WAY LINE ON AND ADJACENT TO TIDEWATER COMMERCIAL CENTER TO THE SOUTH (P.B. IB, PG. 14), AND ALONG THE EASTERLY RIGHT-OF-WAY LINE ON WEEKE WACHEE GARDENS TO THE NORTH (P.B. 6, PG. 19). SUBDIVISION PLATS RECORDED IN THE PUBLIC RECORDS OF HERMANDE COUNTY, FLORIDA.

NO OTHER RIGHT-OF-WAY MONUMENTATION WAS FOUND ALONG SHOAL LINE BLVD.

(P) = PLAT OR MAP (M) = FIELD MEASURED (R) = RECORD OR DEED FIP = FOUND IRON PIN NO ID FIPC = FOUND IRON PIN AND CAP FN&D = FOUND NAIL AND DISK FCM = FOUND CONCRETE MONUMENT SIPC = SET IRON PIN AND CAP SCM = SET CONCRETE MONUMENT CONC = CONCRETE C.L.F. = CHAIN LINK FENCE B.W.F. = BARBED WRE FENCE H.W.F. = HOG WIRE FIELD FENCE SW = SIDEWALK OHP = OVERHEAD POWER OHP = OVERHEAD POWER ELEC = ELECTRIC EP = EDGE OF PAVEMENT O.R. = OFFICIAL RECORD

LEGEND

C1 = SEE CURVE TABLE L1 = SEE LINE TABLE
(C) = CALCULATED
(P) = PLAT OR MAP

P.B. = PLAT BOOK P.G. = PAGE R/W = RIGHT-OF-WAY SEC = SECTION MES = MITERED END SECTION RCP = REINFORCED CONCRETE PIPE TOB = TOP OF BANK TOE = TOE OF SLOPE POB = POINT OF BEGINNING POC = POINT OF COMMENCEMENT
PCP = Permanent Control Point
PRM = Permanent Reference Monument O = SIGN O = FIRE HYDRANT O = UTILITY POLE = LIGHT POLE
= LIGHT POLE
= UTILITY GATE VALVE

= TELEPHONE SERVICE RISER
= ELECTRIC TRANSFORMER

(X) = FIBER OPTIC BOX W = WATER METER

S = SANITARY MANHOLE

■ = UTILITY SPLICE BOX = CATV MARKER

O = FOUND IRON PIN & CAP (AS SHOWN)

= SET IRON PIN AND CAP (5/8"IR LB #7200)

II = FOUND CONCRETE MONUMENT (AS SHOWN)

■ = SET CONCRETE MONUMENT (4X4" LB #7200)

Δ = FOUND NAIL AND DISK (AS SHOWN)

▲ = SET NAIL AND DISK (LB #7200)

(M) = 4" WELL CAPPED

A = DESCRIPTIVE POINT

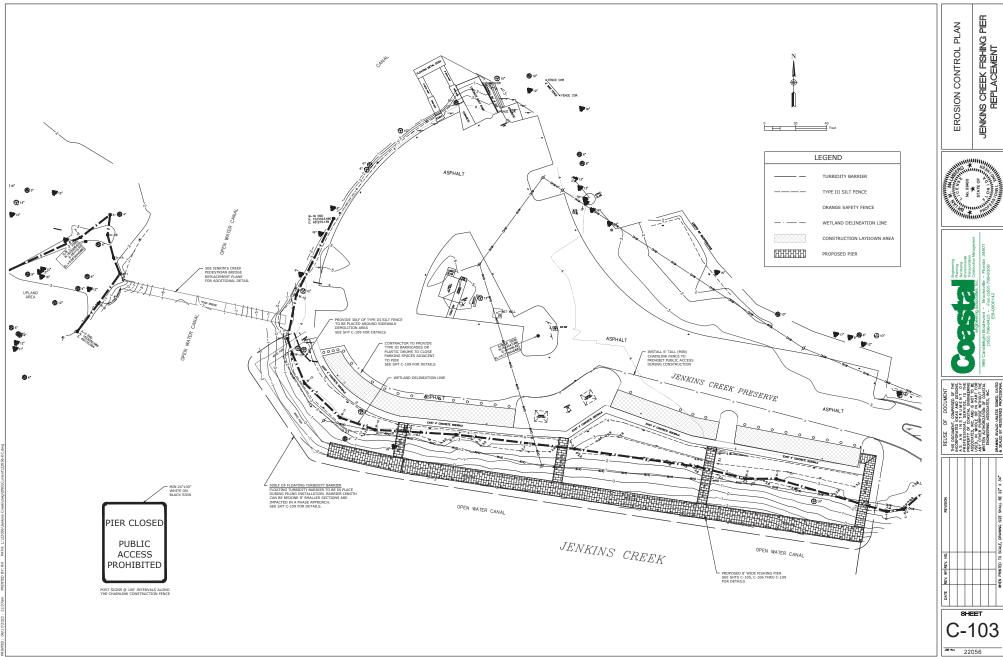
RES = Residence F.F.E. = Proposed Finish Floor Elevation CBS = Concrete Block Structure

(100.0') = EXISTING ELEVATION

—X— = Fence Line *** = Basis for Bearings

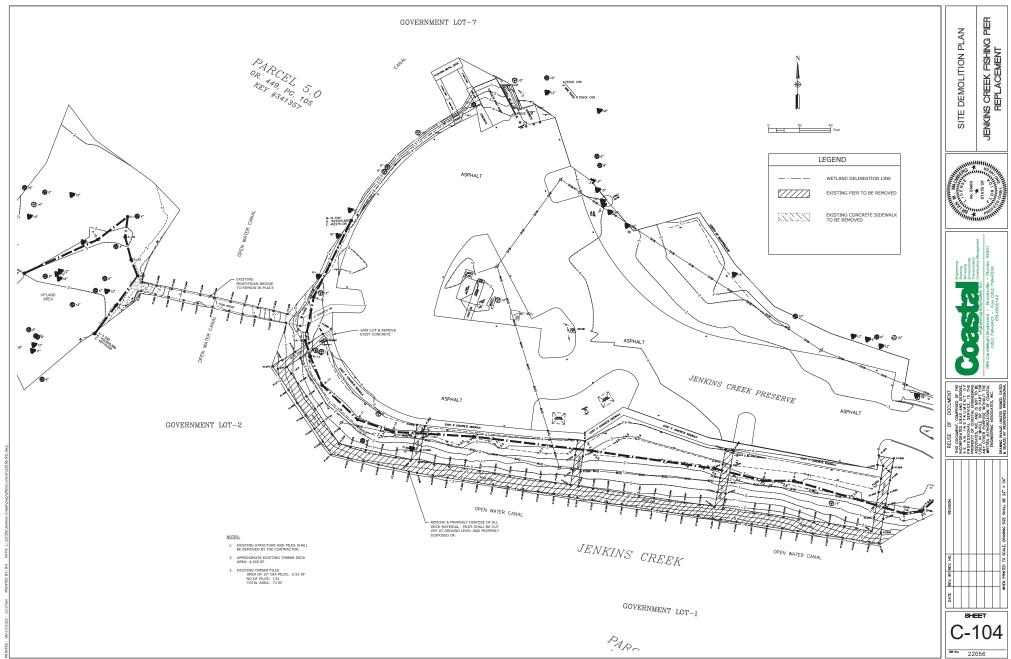


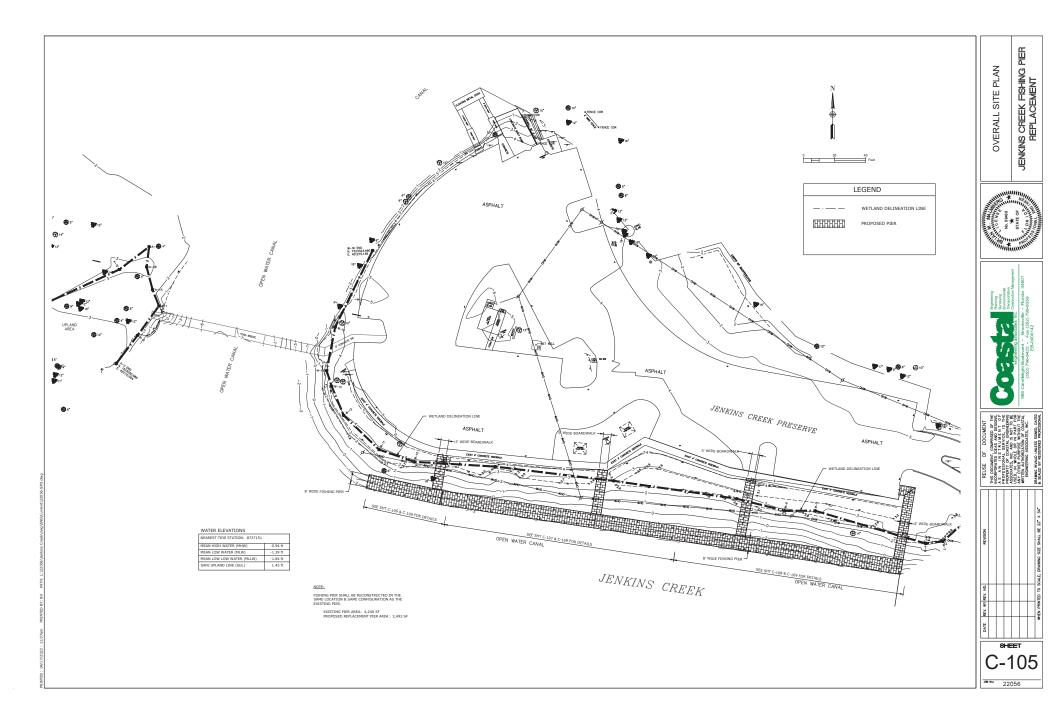


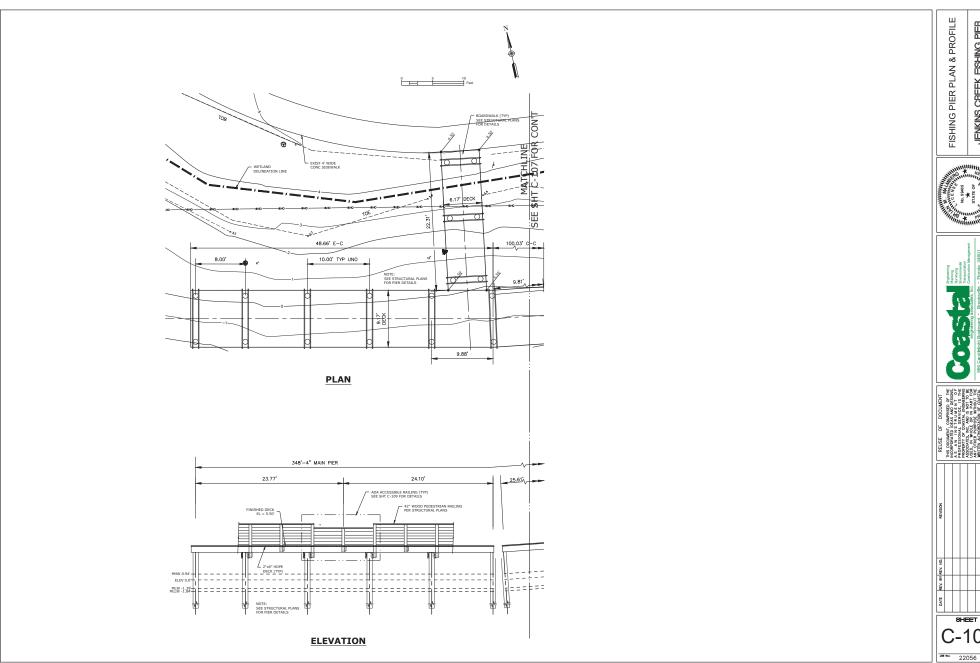












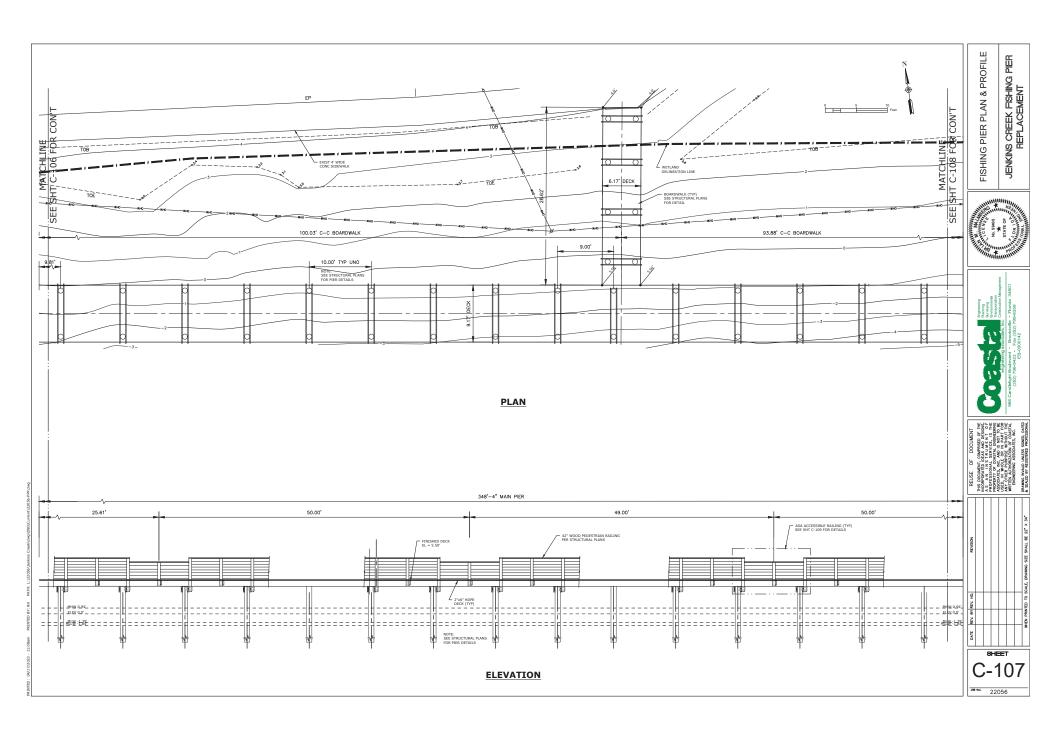


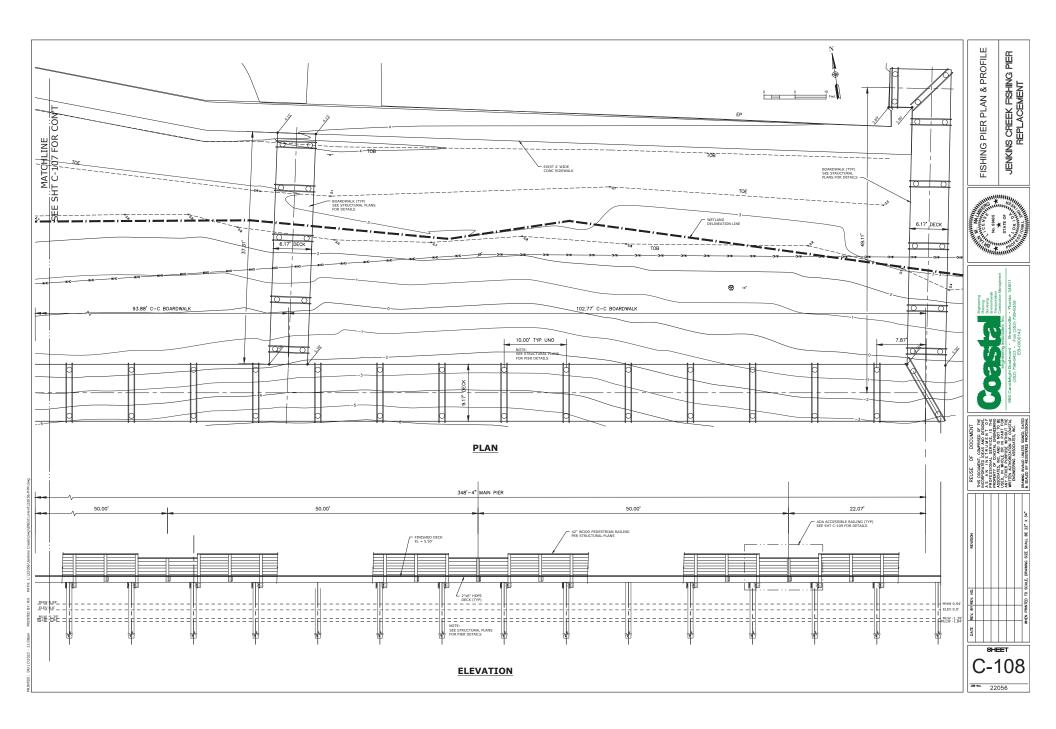


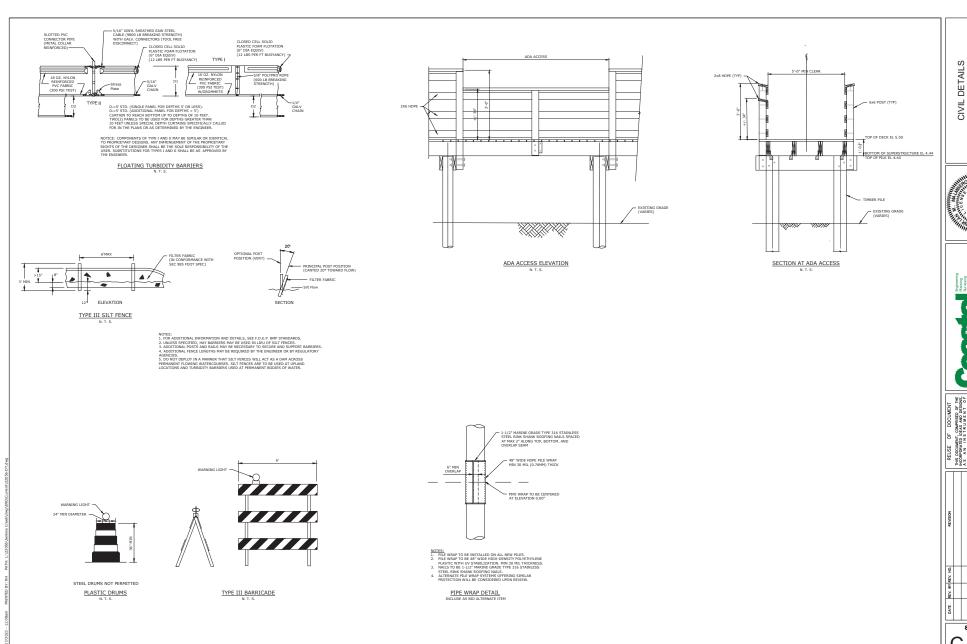




C-106







JENKINS CREEK FISHING REPLACEMENT



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GENERAL NOTES:

- DESIGN SPECIFICATIONS:
 A. FLORIDA DEPARTMENT OF TRANSPORTATION STRUCTURES NANUAL DATED JANUARY 2023.
- B. AASHTO LRFD SPECIFICATION FOR HIGHWAY BRIDGES, 9TH EDITION IN CONJUNCTION WITH AASHTO LRFD GUIDE SPECIFICATION FOR DESIGN OF PEDESTRIAN BRIDGES, 2009 EDITION
- GOUERHING STANDARDS AND CONSTRUCTION SPECIFICATIONS: A FLORIDA DEPARTMENT OF TRANSPORTATION, PT 2022-AS STANDARD PLANS AND REVISED INDEX DOMINIOS AS APPRIMED PREPRINT OF TRANSPORTATION, PT 2022-PT AS ARRIVED BY CONSTRUCTION, PT 2023-24 AS ARRIVED BY CONTRACT DOCUMENTS.
- 3. DESIGN METHODOLOGY: A DESIGN TIMBER IN ACCORDANCE WITH THE LRFD METHOD.
- 4. DESIGN LOADINGS: \$\times PFDESTRIAN LIVE LOAD = 90 PSF IN ACCORDANCE WITH THE LRFD GUIDE FOR PEDESTRIAN BRIDGES.
- B. DESIGN DEAD LOADS: WEIGHT OF TIMBER = 40 PCF NAX. WEIGHT OF HDPE = 47 PCF (ASTN DG111) C. NO ALLOWANCE FOR UTILITIES HAS BEEN INCLUDED IN THE DESIGN.
- 5. MATERIALS AND FABRICATION:
 A BOADDWALK AND FRAIRING WORNIZONTALS) MUST BE HIGH DENSITY POLYETHILENE (HOPE) WITH
 A MINIMUM SYEAD DESIGN LIFE WITH THE FOLLOWING MINIMUM PROPERTIES (ASTM D6109):
 1) ALCHWARLE FLEXURAL STRESS = 1,200 PSI
 2) MODULOS OF LASSICTY: 11 LIGADO PSI
- B. ALL LUMBER MUST BE CUT AND FABRICATED PRIOR TO PRESSURE TREATMENT WITH PRESERVATIVES.
- C. ALL LUMBER MUST BE TREATED IN ACCORDANCE WITH SPECIFICATION SECTION 955.

DIHE	NSION OF	SAWN S	OUTHERN	PINE LUN	IBER ANI) HDPE	
SURFACE	THI	CKNESS	(00)		WIDT	H (IN)	
NONINAL	2	3	4	- 6	В	10	12
ACTUAL	1.1/2	2.1/2	3 1/2	5.1/2	7.178	0.174	17.172

- E. VARIATIONS IN DEPTH BETWEEN STRINGERS MUST NOT EXCEED % IN. SO AS TO PROVIDE A FLAT SURFACE.
- F. MOISTURE CONTENT OF LUMBER 4 IN. OR LESS IN NOMINAL THICKNESS MUST BE 19 PERCENT OR LESS.
- G. MAXIMUM DEFLECTION DUE TO LIVE LOAD FOR HORIZONTAL LUMBER COMPONENTS IS LIMITED TO A VALUE EQUAL TO SPAN/360.
- H. SPLICES OF JOISTS HUST BE MADE OVER SUPPORTS.
- I BOARDWALK DECKING SPLICES ARE NOT PERMITTED
- J. FOR VERTICAL AND HORIZONTAL ALIGNMENT REFER TO PATHWAY PLANS, VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION
- K. TIMBER BOARDWALK SUBSTRUCTURE AND PILE FOUNDATIONS MUST CONFORM TO SPECIFICATIONS SECTION 951 THRU 954.

- 6. CONSICTIONS.
 A 195 DOLTS OR SCRUMS, AS SHOWN, FOR ASSEMBLE ON THE BOADDWALK ALL BOLT
 ASSEMBLES MUST HAVE MAKERS MORE BOTH THE BOLT HEAD AND MUST. SCRUMS MUST BE CONTRESUME
 AND INSTALLED IN MICES CHILLED MUST A CONTRESSION WILL GIT MALES AND MUST LED USED CO. THE MAKES
 BOLTS, AND SCRUMS MUST MEET ASTIM F.593, MUST MUST MEET ASTIM F.594.

 BOLTS, AND SCRUMS MUST MEET ASTIM F.593, MUST MUST MEET ASTIM F.594.
- 7. TIMBER PILING NOTES: A. THE TIMBER PILES MUST BE ASTM D-25 WITH A MINIMUM TIP DIAMETER OF 10 INCHES.
- B. VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO DRIVING ANY PILES, NOTIFY ALL INVOLVED UTILITY COMPANIES PRIOR TO EXCINATION, PILE DRIVING OR CONSTRUCTION AND ASSURE THAT UTILITIES ARE MAINTAINED AND PROTECTED AGAINST DAMAGE DRIVING CONSTRUCTION.
- C. ALL PILES SHALL BE DRIVEN, NO JETTING IS ALLOWED WITHOUT APPROVAL OF THE ENGINEER. D. ESTABLISH PILE DRIVING CRITERIA BASED ON LOADS AND HAMMER CHARACTERISTICS.
- E. SELECT APPROPRIATE HAMMER TO ACHIEVE THE REQUIRED RESISTANCE AND EMBEDMENTS SHOWN IN THE PLAN AND SUBMIT A PILE INSTALLATION PLAN PRIOR TO MOBILIZATION.
- F. THE PACTORD DILL DESIGN LODGED AS 25 TONS FOR PHAIL SEATING, THE GONDHAU BEARING RESISTANCE IS 34 TONS BASED ON A RESTRANCE PACTOR OF 0.85. THE TIMER PHASE ROST BE DRIVEN IN ACCOUNTED AS THE THREE PHASE ROST BE DRIVEN IN ACCOUNTED AS THE PACTOR OF THE
- H PILE EMBEDMENT DEPTHS MUST BE DETERMINED BY PILE BEARING REQUIREMENTS, OR MINIMUM EMBEDMENT REQUIRED. PILE DRIVING NUST BE AS CONTINUOUS AS POSSIBLE AND PROCEED WITHOUT STOPPING OVER AT LEAST B FEET OF PENETRATION.
- I. PILES MUST BE ORIVEN WITH HEAVY METAL STRAPPING AT THE PILE HEAD, PILES THAT HAVE SPLITTING OR BROOMING MUST BE CUT BACK TO SOLID WOOD BEFORE FINAL RESISTANCE IS MEASURED. FRESH CUT AND SCARS MUST BE COATED WITH A GENEROUS APPLICATION OF PRESERVATIVE.
- J PILES MUST BE DRIVEN PLUMB.
- K THRER PURS HUST BE SOUTHERN PIVE LUMBER MARINE GRADE IN ACCREDANCE WITH AMERICAN WOOD PRESERVER'S ASSOCIATION (AWER), CATEGORY USSC., AND SOUTHERN PIVE INSPECTION BUREAU (SPID) STANDARD GRADING RILES FOR SOUTHERN PIVE LUMBER. TIMBER TO BE TREATED TO 2.5 POUNDS PER CUBIC FOOR RETEI
- L ENSURE THAT THE MAXIMUM PILE COMPRESSION AND TENSILE STRESSES MEASURED DURING ORIVING ARE NO GREATER THAM 36 KSI FOR SOUTHERN PINE AND PACIFIC COAST DOUGLAS FIR AND 0.9 OF THE ULTIMATE PARALLEL TO THE GRAIN STRENGTH FOR PILES OF OTHER WOOD IN ACCORDACE WITH SECTION 13.10 OF THE SPECIFICATIONS.

SHEET NOTES (GENERAL

I'S CREEK R REPLACEMENT JENKIN'S FISHING PIER

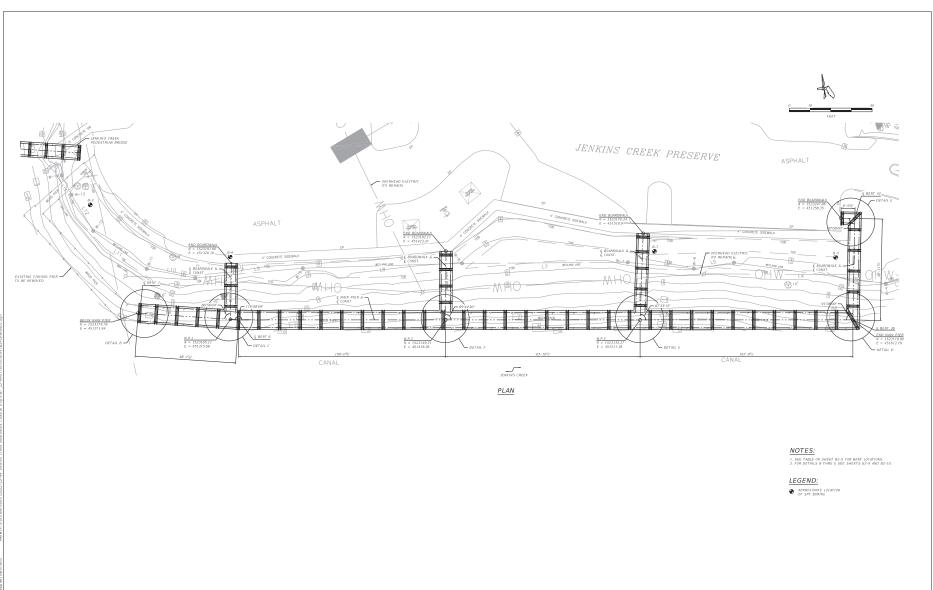


ENGINEER OF RECORD
VALENZUELA, P.E.
NUMBER 68208
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I, FL 32804 JUAN A. VALENZUEL LICENSE NUMBER 6 FLORIDA BRIDGE & 633 DARTMOUTH ST ORLANDO, FL 32804

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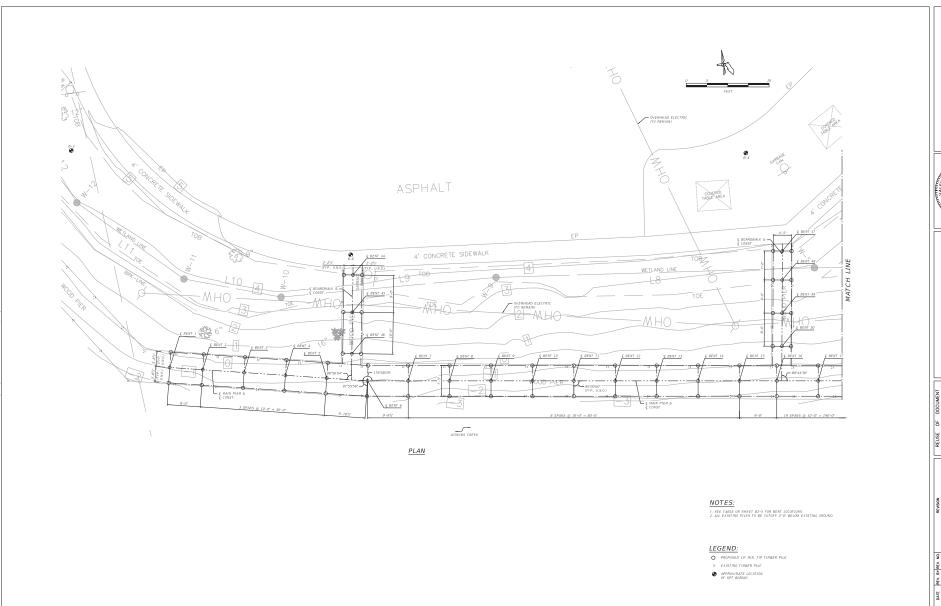




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FOUNDATION LAYOUT (1 OF 3)
JENKIN'S CREEK
FISHING PIER REPLACEMENT



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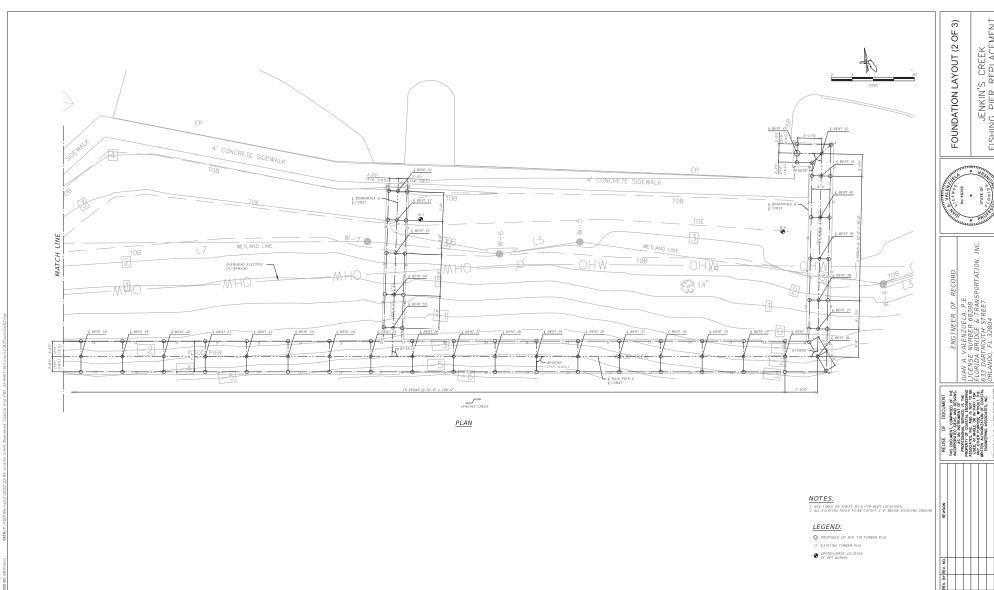
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SHEET B2-4

Q BENT LOCATIONS								
€ BENT 1	€ BENT 11	© BENT 21	© BENT 31	© BENT 41	© BENT 51			
N = 1523175.04	N = 1523156.82	N = 1523142.02	N = 1523127.06	N = 1523162.88	N = 1523174.5=			
E = 451270.75	E = 451368.71	E = 451466.59	E = 451565.47	E = 451620.17	E = 451518.58			
€ BENT 2	€ BENT 12	© BENT 22	@ BENT 32	@ BENT 42	© BENT 52			
N = 1523172.88	N = 1523155.33	N = 1523140.52	N = 1523125.56	N = 1523168.17	N = 1523167.64			
E = 451280.51	E = 451378.59	E = 451476.48	E = 451575.35	E = 51621.08	E = 451517.29			
€ BENT 3	€ BENT 13	© BENT 23	© BENT 33	© BENT 43	© BENT 53			
N = 1523170.72	N = 1523153.83	N = 1523139.02	N = 1523124.07	N = 523169.18	N = 523159.80			
E = 451290.28	E = 451388.48	E = 451486.36	E = 451585.24	E = 451615.24	E = 451515.80			
€ BENT 4	€ BENT 14	© BENT 24	© BENT 34	© BENT 44	€ BENT 54			
N = 1523168.57	N = 1523152.34	N = 1523137.53	N = 1523122.57	N = 1523790.09	N = 1523149.9			
E = 451300.04	E = 451398.37	E = 451496.25	E = 451595.13	E = 451379.80	E = 451513.95			
€ BENT 5	€ BENT 15	© BENT 25	© BENT 35	© BENT 45	€ BENT 55			
N = 1523166.41	N = 1523150.84	N = 1523136.03	N = 1523121.07	N = 1523181.21	N = 1523142.1			
E = 451309.81	E = 451408.26	E = 451506.14	E = 451605.02	E = 451318.33	E = 451512.47			
€ BENT 6	€ BENT 16	© BENT 26	© BENT 36	© BENT 46				
N = 1523164.27	N = 1523149.49	N = 1523134.54	N = 1523119.90	N = 1523171.34				
E = 451319.45	E = 451417.15	E = 451516.03	E = 451612.79	E = 451316.70				
€ BENT 7	€ BENT 17	€ BENT 27	© BENT 37	© BENT 47				
N = 1523162.81	N = 1523148.00	N = 1523133.04	N = 1523126.47	N = 1523180.30				
E = 451329.16	E = 451427.04	E = 451525.92	E = 451613.92	E = 451423.19				
€ BENT 8	€ BENT 18	© BENT 28	© BENT 38	© BENT 48				
N = 1523161.31	N = 523146.50	N = 1523131.55	N = 1523133.30	N = 523173.38				
E = 451339.04	E = 451436.93	E = 451535.80	E = 451615.09	E = 451422.11				
€ BENT 9	€ BENT 19	© BENT 29	© BENT 39	© BENT 49				
N = 1523159.81	N = 1523145.01	N = 1523130.05	N = 1523143.16	N = 1523165.47				
E = 451348.93	E = 451446.82	E = 451545.69	E = 451616.79	E = 451420.88				
€ BENT 10	€ BENT 20	© BENT 30	@ BENT 40	Q BENT 50				
N = 1523158.32	N = 1523143.51	N = 1523128.55	N = 1523153.02	N = 1523157.57				
E = 451358.82	E = 451456.70	E = 451555.58	E = 451618.48	E = 451419.64				

TIMBER PILE INFORMATION MAIN PIER							
BENT 1 THRU 36	5.50	4.44	-26.00	35			

TIMBER PILE INFORMATION BOARDWALK							
86	NT LOCATION	TOP OF DECK EL.	TOP OF PILE EL.	MINIMUM TIP EL.	PILE ORDER LENGTH (FT.)		
BENT	37 - EAST PILE	5.18	4.12	-20.00	30		
BENT	37 - WEST PILE	5.38	4.32	-20.00	30		
BENT	38 - EAST PILE	4.96	3.90	-20.00	30		
BENT	38 - WEST PILE	5.11	4.05	-20.00	30		
BENT	39 - EAST PILE	4.65	3.59	-20.00	30		
BENT	39 - WEST PILE	4.71	3.65	-20.00	30		
BENT	40 - EAST PILE	4.34	3.28	-20.00	30		
BENT	40 - WEST PILE	4.32	3.26	-20.00	30		
BENT	41 - EAST PILE	4.04	2.97	-20.00	30		
BENT	41 - WEST PILE	3.92	2.86	-20.00	30		
	BENT 42	3.80	2.74	-20.00	30		
	BENT 43	3.80	2.74	-20.00	30		
BENT	44 - EAST PILE	4.57	3.50	-20.00	30		
BENT	44 - WEST PILE	4.57	3.50	-20.00	30		
BENT	45 - EAST PILE	4.95	3.89	-20.00	30		
BENT	45 - WEST PILE	4.96	3.90	-20.00	30		
BENT	46 - EAST PILE	5.38	4.32	-20.00	30		
BENT	46 - WEST PILE	5.39	4.33	-20.00	30		
BENT	47 - EAST PILE	4.09	3.02	-20.00	30		
BENT	47 - WEST PILE	4.09	3.02	-20.00	30		
BENT	48 - EAST PILE	4.44	3.38	-20.00	30		
BENT	48 - WEST PILE	4.44	3.38	-20.00	30		
BENT	49 - EAST PILE	4.85	3.79	-20.00	30		
BENT	49 - WEST PILE	4.85	3.79	-20.00	30		
BENT	50 - EAST PILE	5.26	4.20	-20.00	30		
BENT	50 - WEST PILE	5.26	4.20	-20.00	30		
BENT	57 - EAST PILE	4.21	3.15	-20.00	30		
BENT	51 - WEST PILE	4.21	3.15	-20.00	30		
BENT	52 - EAST PILE	4.46	3.40	-20.00	30		
BENT	52 - WEST PILE	4.46	3.40	-20.00	30		
BENT	53 - EAST PILE	4.75	3.69	-20.00	30		
BENT	53 - WEST PILE	4.75	3.68	-20.00	30		
BENT	54 - EAST PILE	5.10	4.04	-20.00	30		
BENT	54 - WEST PILE	5.10	4.04	-20.00	30		
BENT	55 - EAST PILE	5.39	4.32	-20.00	30		
BENT	55 - WEST PILE	5.38	4.32	-20.00	30		

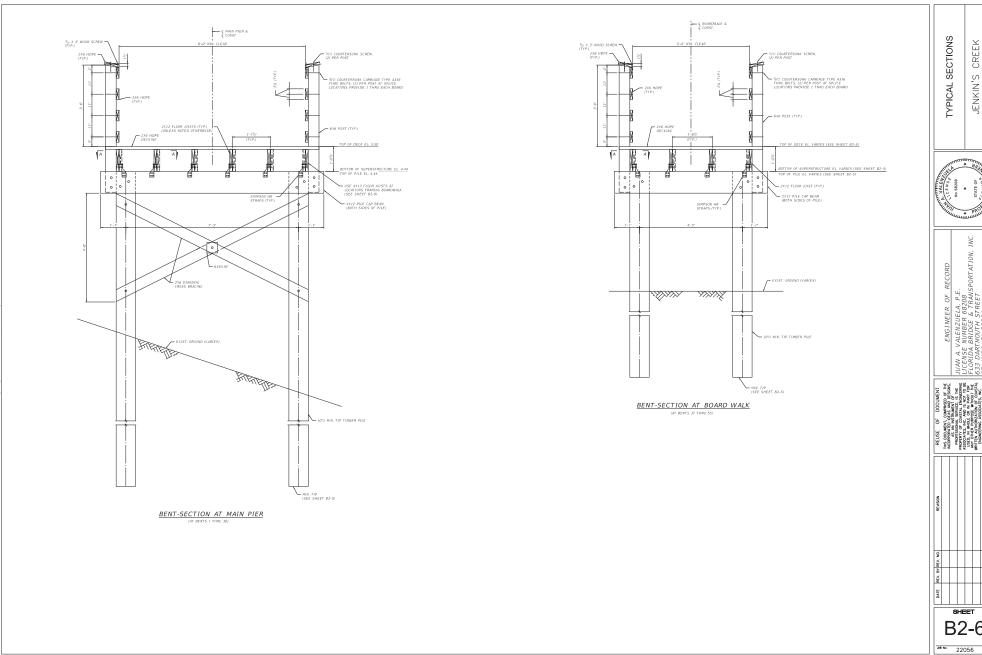
JENKIN'S CREEK FISHING PIER REPLACEMENT FOUNDATION LAYOUT (3 OF 3)



ENGINEER OF RECORD

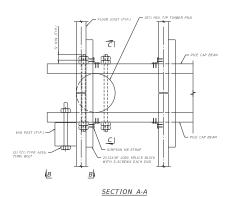
JUAN A VALENZELA P.E.
ELCHOSE WINDER GAZDAE
ELCRING BRIDGE OF TRANSPORTATION, IN
RANDOL H. 32804

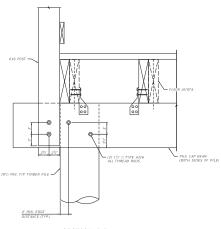
8HEET B2-5



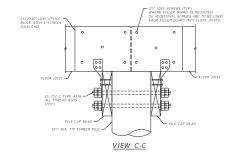


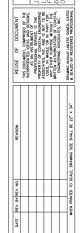
B2-6





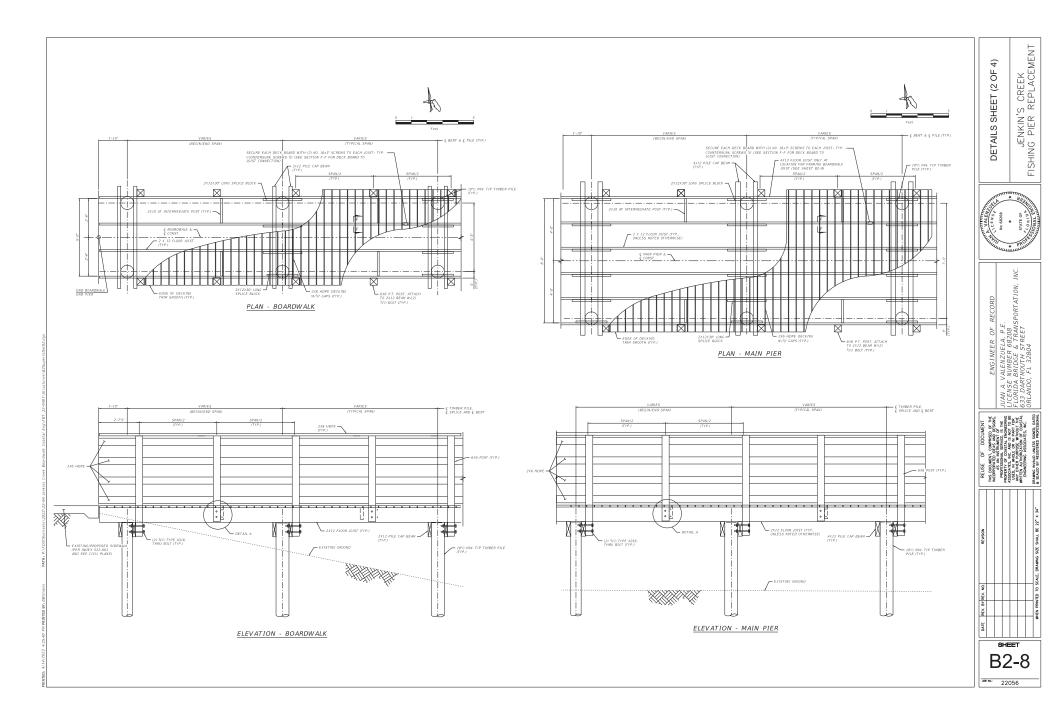
SECTION B-B

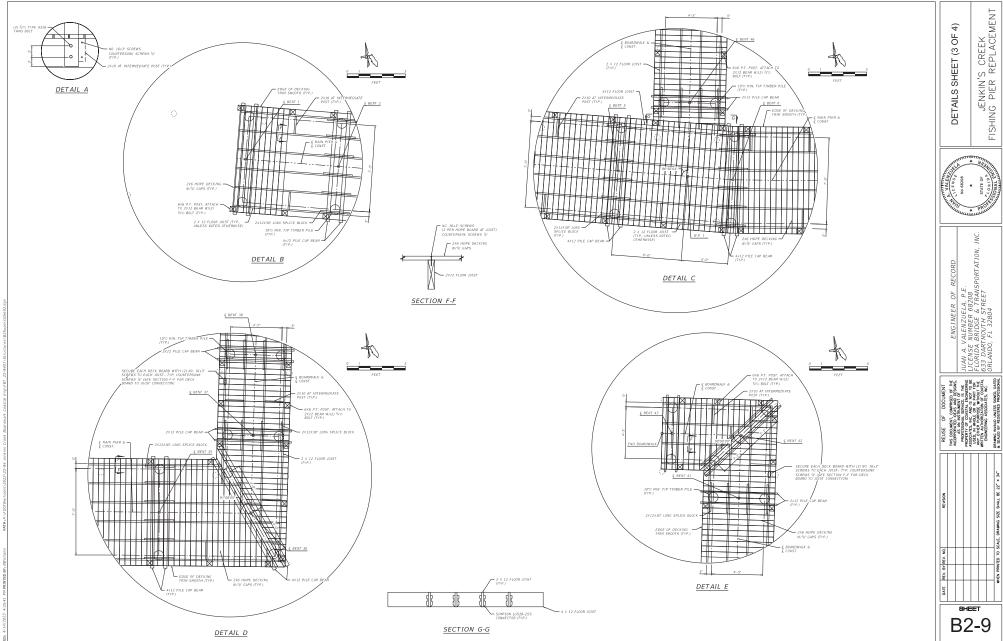


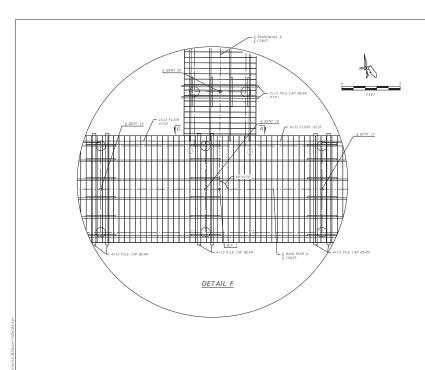


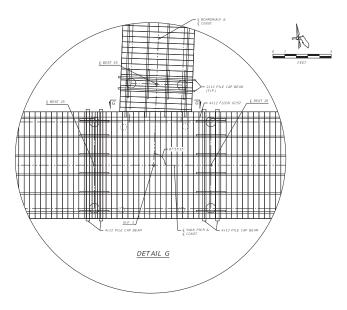
DETAILS SHEET (1 OF 4)

B2-7

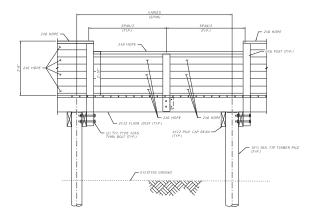








NOTE: FOR SECTION G-G, SEE SHEET B2-9.



ELEVATION AT ADA ACCESS AREA

DETAILS SHEET (4 OF 4)

JENKIN'S CREEK FISHING PIER REPLACEMENT



SHEET B2-10 22056