



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
701 SAN MARCO BOULEVARD
JACKSONVILLE, FLORIDA 32207

May 30, 2025

Regulatory Division
West Permits Branch
Tampa Section
SAJ-2025-00584 (NWP-CPC)

Jennette Seachrist
Southwest Florida Water Management District
2379 Broad Street, Brooksville, FL 34604
Sent via email: Jennette.seachrist@swfwmd.state.fl.us

Dear Ms. Seachrist:

The U.S. Army Corps of Engineers (Corps) has completed the review of your application for a Department of the Army permit received on April 14, 2025. Your application was assigned file number SAJ-2025-00584. A review of the information and drawings provided indicates that the proposed work would result in repairs to the existing weir structure. Repairs will include:

1. Applicant will cast-in place concrete fixed weirs in the four (4) existing weir 18 ft windows to 64.57' NAVD88.
2. Minor concrete repairs will be conducted to prolong the life of the structure. Repairs will consist of spall repair, crack injection, crack sealing and joint seal replacement.
3. Installation of riprap: Upstream of the weir the applicant will replace 118.5 ft by 18.92 ft of riprap requiring 167 cubic yards (CY) of material. Downstream of the weir the applicant will install 83.0 ft by 5 ft of riprap, requiring 31 CY of material. The riprap will consist of 18-in riprap and 6-inch bedding stone. All material will be clean and free of contaminants.
4. Replacement of the 75-ft 11-in by 6-ft 5-in grated walkway across the weir.

Temporary dewatering will occur two (2) bays at a time using a stop log system.

The activities subject to this permit are authorized pursuant to authorities under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403), and Section 404 of the

Clean Water Act (33 U.S.C. § 1344). The project is located in Big Gant Canal 28.571468, -82.145124. Section 18, Township 22 South, Range 22 East, Bushnell, Sumter County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) 3 (Maintenance) and 33 (Temporary Construction, Access, and Dewatering). **This verification is valid until March 14, 2026.** In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the Nationwide Permit General Conditions, the Jacksonville District Regional Conditions, and the General and Project-Specific Special Conditions listed below. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP. You can access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Source Book webpage for links to view NWP information at: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>. Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there, you will need to select "Nationwide Permits." Among other things, this part of the Source Book contains links to the federal register containing the text of the pertinent NWP authorization and the associated NWP general conditions, as well as separate links to the regional conditions applicable to the pertinent NWP verification.

You must comply with all of the special and general conditions for NWP-3, including any project-specific conditions included in this letter and all conditions incorporated by reference as described above.

General Conditions:

1. The time limit for completing the work authorized ends on **March 14, 2026.**
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity, or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit you must obtain the signature of the new owner on the attached transfer form (Enclosure 1) and forward a copy to this office to validate the transfer of this authorization.

5. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1. Reporting Address: The Permittee shall submit all reports, notifications, documentation, and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:

a. For electronic mail (preferred): SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019. The Permittee shall reference this permit number, SAJ-2025-00584 (NWP –CPC), on all submittals.

2. Self-Certification: Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the ENG Form 6285, "Certification of Compliance with Department of Army Permit" (located at https://www.publications.usace.army.mil/Portals/76/Eng_Form_6285_2024%20Dec%20FINAL.pdf) and submit it to the Corps.

3. Cultural Resources/Historic Properties:

a. No structure or work shall adversely affect, impact, or disturb properties listed in the National Register of Historic Places (NRHP), or those eligible for inclusion in the NRHP.

b. If, during permitted activities, items that may have historic or archaeological origin are observed the Permittee shall immediately cease all activities adjacent to the discovery that may result in the destruction of these resources and shall prevent his/her employees from further removing, or otherwise damaging, such resources. The applicant shall notify both the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850)-245-6333 and the Corps, of the observations within the same business day (8 hours). Examples of submerged historical, archaeological or cultural resources include shipwrecks, shipwreck debris fields (such as steam engine parts, or wood planks

and beams), anchors, ballast rock, concreted iron objects, concentrations of coal, prehistoric watercraft (such as log "dugouts"), and other evidence of human activity. The materials may be deeply buried in sediment, resting in shallow sediments or above them, or protruding into water. The Corps shall coordinate with the Florida State Historic Preservation Officer (SHPO) to assess the significance of the discovery and devise appropriate actions. Project activities shall not resume without verbal and/or written authorization from the Corps.

- c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition and, if deemed necessary by the SHPO or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.
- d. In the unlikely event that unmarked human remains are identified on non-federal lands; they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archaeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the SHPO and from the Corps.

4. Posting of Permit: The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.

5. Assurance of Navigation and Maintenance: The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

6. Fill Material: The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils

contaminated with any toxic substance in toxic amounts, in accordance with Section 307 of the Clean Water Act.

7. Eastern Indigo Snake Protection Measures and Inspection: Permittee shall comply with U.S. Fish and Wildlife Service's "Standard Protection Measures for the Eastern Indigo Snake" dated May 2024, as provided in Attachment X. of this permit. All gopher tortoise burrows, active or inactive, shall be evacuated prior to site manipulation in the vicinity of the burrow. If excavating potentially occupied burrows, active or inactive, individuals must first obtain state authorization via a Florida Fish and Wildlife Conservation Commission (FWC) Authorized Gopher Tortoise Agent permit. The excavation method selected shall minimize the potential for injury of an indigo snake. The Permittee shall follow the excavation guidance provided in the most current FWC Gopher Tortoise Permitting Guidelines found at <http://myfwc.com/gophertortoise>. If an indigo snake is encountered, the snake must be allowed to vacate the area prior to additional site manipulation in the vicinity. Holes, cavities, and snake refugia other than gopher tortoise burrows shall be inspected each morning before planned site manipulation of a particular area, and if occupied by an indigo snake, no work shall commence until the snake has vacated the vicinity of the proposed work.

8. Turbidity Barriers: Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend within define distance desired or use 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained daily until the authorized work has been completed and turbidity within the construction area has returned to ambient levels. Turbidity barriers shall be removed upon stabilization of the work area.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not preclude the necessity to obtain any other Federal, State, or local permits, which may be required.

Thank you for your cooperation with our permit program. The Corps' Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Please be aware this Internet address is case sensitive and you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions regarding this letter, please contact the project manager, Carissa Curlee, in writing at the Tampa Permits Section at 10117 Princess Palm Ave., Suite 120, Tampa, FL 33610, by telephone at 904-238-0726, or by email at carissa.p.curlee@usace.army.mil.

Sincerely,

Carissa Curlee
Project Manager | Tampa Permits

Enclosures

Permit Transfer Request (1 page)

Project Drawings (2 pages)

Eastern Indigo Protection Measures (7 pages)

Cc:

Alycia Ceresi with Kimley-Horn at < alycia.ciresi@kimley-horn.com >

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST**DA PERMIT NUMBER: SAJ-2025-00584 (NWP-CPC)**

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

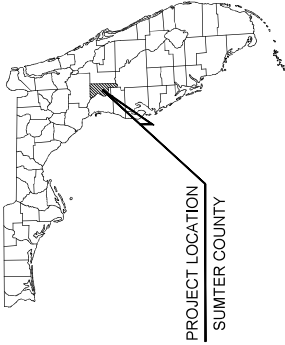
(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

WC-2 REHABILITATION CONSTRUCTION PLANS
FOR
STRUCTURE WC-2 MODIFICATION (C690)
FOR
SWFWMD
IN
SUMTER COUNTY, FL
APRIL 2025



PROJECT LOCATION
SUMTER COUNTY

PROJECT TEAM

OWNER
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2379 BROAD STREET
BROOKESVILLE, FL 34604
(352) 354-4819
CONTACT: SIDNEY KIRKLAND

STRUCTURAL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
1920 WENJANA WAY, SUITE 200
WEST PALM BEACH, FL 33411
(561) 845-0965
CONTACT: JERRY MARCUS PICCOLO, P.E.

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
200 CENTRAL AVENUE, SUITE 600
ST. PETERSBURG, FL 33701
(727) 547-3999
CONTACT: CHRIS MFORATOS, P.E.



Jerry M Piccolo
Professional Engineer
No. 5881
State of Florida
Civil Engineering

This stamp has been digitally signed and sealed by Christopher A. Niforatos, P.E. in the State of Florida on 04/04/2025. The digital signature is located at the bottom of the stamp.

Christoph Niforatos
Professional Engineer
No. 5881
State of Florida
Civil Engineering



NEAR MAP
NOT TO SCALE

STRUCTURE WC-2 LOCATION
PARCEL ID: S18-002
WEBSTER, FL 33597
(28.5717, -82.1455)

Sheet List Table	
Sheet Number	Sheet Title
G-1	COVER SHEET
G-2	GENERAL NOTES
G-3	GENERAL NOTES
C-1	SITE PLAN
C-2	EROSION CONTROL
C-3	STORMWATER POLLUTION PREVENTION
C-4	SITE ACCESS PLAN
C-5	SITE ACCESS PLAN
C-6	SITE ACCESS PLAN
C-7	SITE ACCESS PLAN
C-8	SITE ACCESS PLAN
C-9	SITE ACCESS PLAN
C-10	SITE ACCESS PLAN
S-1	DEMOLITION AND CONCRETE REPAIR PLAN
S-2	PROPOSED PLAN
S-3	PROPOSED SECTIONS (1 OF 2)
S-4	PROPOSED SECTIONS (2 OF 2)
S-5	RIPRAP DETAILS
S-6	STOPLOG DETAILS
S-7	CAST-IN-PLACE WEIR DETAILS
S-8	CONCRETE REPAIR DETAILS
S-9	CONSTRUCTION SEQUENCING
S-10	PREFABRICATED PEDESTRIAN BRIDGE LAYOUT

Kimley-Horn
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200 CENTRAL AVENUE, SUITE 600 ST. PETERSBURG, FL 33701
WWW.KIMLEY-HORN.COM REGISTRY NO. 20106

KHA PROJECT
DATE
APRIL 2025
DESIGNED BY
NET
SCALE
AS SHOWN
CHECKED BY
JPK

COVER SHEET

STRUCTURE WC-2
MODIFICATION (C690)
PREPARED FOR
SWFWMD
SUMTER COUNTY
FL

G-1
SHEET NUMBER



GENERAL NOTES:

1. ALL ELEVATIONS AS SHOWN ON THESE PLANS ARE BASED ON THE NAVD83 DATUM. PROJECT DATA SHEET SURVEY WAS PREPARED BY CUMBREY FAR INC. ON 02/17/2025. CONTRACTOR TO YIELD VERTICALLY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
2. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NECESSITY OF OBTAINING ANY REQUIRED PERMITS AND/OR APPROVALS FROM THE LOCAL JURISDICTIONS. THE CONTRACTOR IS ADVISED THAT PRIOR TO BEGINNING TO CONSTRUCT, THE CONTRACTOR SHALL DETERMINE IT IS NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
3. ATTENTION SHALL BE PAID TO THE SPECIFICATIONS, REQUIREMENTS AND REQUIREMENTS. SPECIAL ATTENTION SHALL BE PAID TO OSMA CONFIRMED SPACE ENTRY PROCEDURES.
4. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED SHEETING AND TRENCH SHORING REQUIRED TO PROTECT EXISTING UTILITIES, ROADS, AND OTHER FACILITIES INTENDED TO REMAIN IN SERVICE (AS APPLICABLE).
5. THE CONTRACTOR SHALL ESTABLISH A CLEAR WORK AREA TO PROTECT EXISTING UTILITIES AND TO ESTABLISH THE PROPOSED RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (NAVD83), CENTER LINES, AND COORDINATES AS REQUIRED TO CONSTRUCT THIS PROJECT.
6. THE CONTRACTOR SHALL COMPLY WITH THE TRENCH SAFETY ACT, CHAPTER 90-36 STATUTES, THE FOOT STANDARD AND OSMA BARREL WALLS, SHEETING, SHORING, ETC. THAT GOES BACK WITH THE LATEST CODES.
7. CONFLICTS ARISING FROM EXISTING STRUCTURE SHALL BE BROUGHT TO THE OWNER'S ATTENTION IMMEDIATELY.
8. FINISHED GRADE FOR FINAL ELEVATIONS ON DRAWINGS REFER TO GRADE AFTER SOODING.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ANY EXISTING UTILITIES ON RECORD OR SWAMOW-OWNED PROPERTY UNDER NO CIRCUMSTANCES PUBLIC RIGHT-OF-WAY, EASEMENTS OF LAND OR SWAMOW-OWNED PROPERTY. THE PROJECT OUTSIDE PUBLIC RIGHT-OF-WAY, EASEMENTS OF LAND, RECORD, OR DISTRICT OWNED PROPERTY, UNLESS OTHERWISE SHOWN ON THE DRAWINGS, ANY CONFLICT BETWEEN THE DRAWINGS AND THOSE ESTABLISHED IN THE FIELD SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER FOR RESOLUTION.
10. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY THE CONTRACTOR. THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE OWNER PROMPTLY OF ANY DISCREPANCIES.
11. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE.
12. ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, THERE IS NOT SUPPOSE TO BE ABSOLUTELY CORRECT. THE INDICATED LOCATION OF UNDERGROUND UTILITIES, STRUCTURES, AND FACILITIES IS APPROXIMATE, AND REFLECTS THE BEST INFORMATION AVAILABLE FROM THE LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING THEIR WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY THE APPROPRIATE PAY ITEM ON THE DESIGNATED BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED PART OF THE PRICE OF THE WORK.
13. THE CONTRACTOR SHALL MAKE A SUPERINTENDENT ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED.
14. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFRAIN ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S SUPERINTENDENT OR THE OWNER. THE SUPERINTENDENT OF THE PROJECT RELATED ISSUES. THE CONTRACTOR MUST PROVIDE A 24 HOUR EMERGENCY PHONE NUMBER TO THE OWNER.
15. THE CONTRACTOR IS RESPONSIBLE TO PRACTICE AND ENFORCE ALL LOCAL AND STATE JOB AND INDUSTRY PRACTICES AND PROCEDURES. ANY VIOLATION OF THESE LAWS WILL BE REPORTED TO THE AUTHORITIES.
16. A GEOTECHNICAL INVESTIGATION OF THE SOILS LEARN THE WC-2 STRUCTURE WAS PERFORMED BY ARHENA ENGINEERING INC. ON 03/12/2025. A COPY OF THAT REPORT IS INCLUDED WITH THESE CONTRACT DOCUMENTS. PRIOR TO PERFORMING ANY CONSTRUCTION, THE CONTRACTOR WILL REVIEW THE RESULTS OF THAT REPORT.

EXCAVATION AND GRADING:

1. FILL. GROUND COVER FOR ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE UNDOED, SEEDING SHALL NOT BE USED, AND FILL GRASSING COVER EXCEPT WHERE SPECIALLY SHOWN IN THE PLANS OR AS DIRECTED BY THE OWNER.
2. THE CONTRACTOR SHALL BACKFILL AREAS TO BE SOGGED WITH CLEAN FILL TO MAINTAIN PROPER GRADE OF EXISTING DRIVEWAYS, SIDEWALKS, DRIVEWAYS, AND PATIOS, AND TAMPED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SOGGING (CY).
3. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY ANY AND SUITABLE MEANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL. NO ADDITIONAL PAYMENT WILL BE REQUIRED FOR UNSUITABLE MATERIAL.
4. ALL EXCESS EXCAVATED SUITABLE AND UNSUITABLE MATERIAL NOT CLAIMED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE COST FOR DISPOSAL, HAULING, AND OTHER COSTS INCURRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR GRAINING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE BY THE CONTRACTOR FROM BORROW AREAS PROVIDED BY THE CONTRACTOR AND IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, EXCEPT FOR THE COST OF EXCAVATING UNSUITABLE MATERIAL, AND THE COST OF GRASSING, PLACING, AND COMPACTING FILL TO REPLACE UNSUITABLE MATERIAL, THE CONTRACT PRICE FOR FURNISHING SHALL INCLUDE THE COST OF EXCAVATING, HAULING, AND DISPOSAL OF EXCESS MATERIAL, AND THE COST OF THE EARTHWORK OPERATIONS REQUIRED FOR THE COMPLETION OF THE PROJECT, UNLESS OTHERWISE DIRECTED BY THE OWNER.
6. THE OWNER OR CONSTRUCTION DEPARTMENT ON THE PLANS RESERVES THE RIGHT OF ANY AND WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PERFORMED ANY AFTER RECEIPT OF PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTRY AGREEMENT AND/OR UTILITY, OR PERMANCE EASEMENT. ONLY AFTER NOTIFICATION BY THE OWNER THAT THE AGREEMENT/EASEMENT HAS BEEN OBTAINED SHALL THE CONTRACTOR BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL OBTAIN THE PERMISSION OF THE OWNER THAT THE AGREEMENT/EASEMENT HAS BEEN OBTAINED SHALL MODIFY THE CONSTRUCTION LIMITS, IN CONSULTATION WITH THE OWNER.

PREVENTION CONTROL AND ABATEMENT OF PROSOPIS AND WATER BOLL WEEDS

- PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION:**
- THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE GUIDELINES IN ACCORDANCE WITH THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNATION AND REMEDIATION MANUAL, LATEST EDITION.
- THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
- PRIOR TO THE START OF EXCAVATION, THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC EROSION CONTROL PLAN TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR REVIEW AND APPROVAL. THE PLAN IS NECESSARY TO MAINTAIN COMPLIANCE AND PREVENT OFFSITE DISCHARGES.
- THE CONTRACTOR SHALL PROTECT RECEIVING RIGHT-OF-WAY, DRAINAGE SYSTEMS, NEARBY WETLANDS, AND SURFACE WATERS. DISCHARGES SHALL NOT EXCEED 29 MTS ABOVE BACKGROUND.
- ANNUAL TESTING, MONITORING, REPORTING, AND DISCHARGING OF NATURAL RESOURCES SECTION REGARDING ANALYTICAL TESTING, MONITORING, REPORTING, AND DISCHARGING.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PERMITS FROM SWFWMD OR OTHER REGULATORY AGENCY.
- ANY EXPOSED SITE/AREA SHALL BE REGRADDED AND SOODED, AFTER DEWATERING ACTIVITIES HAVE BEEN COMPLETED.

SHOP DRAWINGS AND OTHER SUBMITTALS:

1. REVIEW OF SUBMITTALS BY THE ENGINEER OF RECORD IS FOR GENERAL CONFORMANCE WITH THE SPECIFICATIONS AND CONCEPT AS PRESENTED BY THE CONTRACT DOCUMENTS. NO DETAILED CHECK OF QUANTITIES OR DIMENSIONS WILL BE MADE. ONLY THOSE SUBMITTALS REQUIRED TO BE SUBMITTED WILL BE REVIEWED. ALL OTHERS WILL BE RETURNED WITHOUT REVIEW.
2. ALL SUBMITTALS SHALL BE ACCOMPANIED BY A LETTER OF TRANSMITTAL. CONTRACTOR'S SUBMITTAL NUMBER SHALL BE INDICATED IN THE LETTER OF TRANSMITTAL. SUBMITTAL SHALL BE PREPARED IN A TIMELY MANNER, CONSISTENT WITH THE ABOVE, AND PRIOR TO FABRICATION, INSTALLATION OR COMMENCEMENT OF THE WORK, ALLOWING UP TO 10 WORKING DAYS FOR ENGINEER OF RECORD TO REVIEW AND COMMENT ON SHOP DRAWINGS. ALL SHOP DRAWINGS MUST BE SUBMITTED ELECTRONICALLY TO THE ENGINEER OF RECORD.
3. ALL SUBMITTALS MUST BEAR EVIDENCE OF CONTRACTOR'S REVIEW (INCLUDING COMPANY STAMP AND DATED SIGNATURE OF REVIEWER) AND MUST BE APPROVED OR REJECTED AS NOTED BY CONTRACTOR PRIOR TO SUBMITTING TO THE ENGINEER OF RECORD.
4. ALL CHANGES AND ADDITIONS MADE ON RESUBMITTALS MUST BE CLEARLY FLAGGED AND NOTED. THE PURPOSE OF THE RESUBMITTALS MUST BE CLEARLY NOTED ON THE LETTER OF TRANSMITTAL. ENGINEER OF RECORD REVIEW WILL BE LIMITED TO THOSE ITEMS CAUSING THE RESUBMITTAL.
5. DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS ERECTION, PLACING OR FABRICATION DRAWINGS. SUBMITTALS NOT MEETING THE ABOVE CRITERIA OR SUBMITTED AFTER FABRICATION WILL NOT BE REVIEWED.

7. SUBMITTALS:

- AS A MINIMUM, THE FOLLOWING SHALL BE SUBMITTED, AS APPLICABLE, TO THE ENGINEER OF RECORD FOR REVIEW AND COMPLIANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS PRIOR TO FABRICATION, INSTALLATION, OR COMMENCEMENT OF THE WORK:
- SEALANT PRODUCTS.
 - WELDING PROCEDURES.
 - STEEL PLATES, ANGLES AND CONNECTIONS.
 - CONCRETE REPAIR MATERIALS.
 - WELDING RODS AND ELECTRODES.
 - CORROSION INHIBITOR.
 - PAINTS AND FINISHES.
 - COUPLER AND JOINTS.
 - CRACK REPAIR MATERIALS.
- WELDER CERTIFICATIONS AWS D11 FOR ALL WELDERS SHALL BE SUBMITTED. CONTRACTOR SHALL SUBMIT WELDING PROCEDURES IN ACCORDANCE WITH AWS D11.4. CONTRACTOR SHALL PERFORM WELDS IN ACCORDANCE WITH THE PROJECT. CERTIFICATIONS MUST HAVE BEEN ISSUED WITHIN 5 YEARS PRIOR TO PERFORMING WORK ON THE PROJECT.

STEEL:

- | 1. | STEEL MATERIAL PROPERTIES | | |
|----|---------------------------|---------|---------------------|
| A. | PLATES | FY, PSI | ASTM |
| B. | WELDING ELECTRODES | 70,000 | A572 GRADE 50 OR 70 |
| C. | ANGLES | E70XX | AWS D1.3 CHAPTER 5 |
| D. | HSS MEMBERS | 36,000 | A36 |
| | | 50,000 | A36 GRADE C |
- STRUCTURAL STEEL:**
1. STRUCTURAL STEEL DESIGN & CONSTRUCTION SHALL CONFORM TO FBC CHAPTER 22, SECTION 22.01, ALSO TO THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL, STRUCTURAL STEEL BUILDINGS & AISC CODE OF PRACTICE, LATEST CODE ADOPTED EDITION, U.S.A.
 2. ALL WELDERS SHALL BE PERFORMED BY CERTIFIED WELDERS PER CODE REQUIREMENTS AND SHALL CONFORM TO REQUIREMENTS OF AWS D11.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL DESIGN AND CONSTRUCTION SHALL CONFORM TO PER CHAPTER 1702, SECTION 1702.02, ALSO KNOWN AS "DESIGN AND CONSTRUCTION OF STEEL FRAMING FOR STRUCTURAL STEEL BUILDINGS," AND SIZE OF MEMBER SHALL BE DETERMINED BY THE FIELD.
2. ALL WELDERS SHALL BE CERTIFIED BY THE FIELD TO MEET THE REQUIREMENTS OF AWS D11.1.
3. ALL CORNERS, BLOCKS AND CUTS IN STRUCTURAL MEMBERS SHALL BE MADE FREE OF NOTCHES OR OTHER DEFECTS THAT COULD CREATE STRESS CONCENTRATIONS. THE MINIMUM RADIUS AT CORNERS SHALL BE 1/2".
4. FABRICATOR SHALL PROVIDE A FIELD-WIDE SCHEDULE MINIMUM PREHEAT, THE WELD FILLER METAL SHALL BE MATCHED TO THE BASE METAL, AND WELD DEPOSITION RATE AND WELDING MACHINE SETTINGS FOR EACH WELD WILL BE DETERMINED BY THE FIELD.

BEINFEADDED CONCRETE:

1. ALL CONCRETE MATERIALS, PLACING AND HANDLING SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE PUBLICATIONS ACI 301 AND ACI 318.
2. CURING OF CONCRETE SHALL BE IN STRICT ACCORDANCE WITH ACI 301 PROVISIONS.
3. ALL STRUCTURAL CONCRETE SHALL CONFORM TO TYPICAL CLASS V (SPECIAL) CONCRETE FOR MODERATELY AND HEAVILY REINFORCED CONCRETE PER ACI 308.28. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH SECTION 03950.
4. ANY NORMAL WEIGHT CONCRETE (145 PCF MIN.) FOR ALL STRUCTURAL MEMBERS, DO NOT USE CALCIUM CHLORIDE IN ANY CONCRETE. ALL STRUCTURAL CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.40.
5. PROVIDE A 4 INCH SLUMP WITH A TOLERANCE OF $\pm 1/2$ INCH FOR WALLS 8 INCHES OR LESS IN THICKNESS. PROVIDE A 6 INCH SLUMP WITH A TOLERANCE OF $\pm 1/2$ INCH AND -1 INCH.
6. IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6 INCHES AT THE PUMP, PROVIDED THE SLUMP PROVIDED ABOVE IS MAINTAINED AT THE DISCHARGE END. USE A MINIMUM 4 INCH PUMP TAKE CONCRETE SAMPLES FOR SLUMP AT TRUCK AND AT DISCHARGE END, AND FOR CYLINDER TESTING AT DISCHARGE END.
7. WATER SHALL NOT BE ADDED TO CONCRETE AT THE JOB SITE UNLESS SPECIFIC AUTHORIZATION IS INDICATED ON THE DELIVERY TICKET. NOTIFY OWNER OF TOTAL QUANTITY OF WATER ADDED TO ANY TRUCK. REPEAT NECESSARY TESTING IF WATER IS ADDED AFTER INITIAL SAMPLING.
8. COURSE AGGREGATE SHALL CONFORM TO ASTM C33. FEAROUS AGGREGATE SHALL NOT BE USED.
9. ALL CONCRETE SHALL BE PLACED IN THE DRY. ALL FORMS SHALL BE FREE OF STANDING WATER.
10. ALL CONCRETE SHALL BE VIBRATED IN PLACE IN ACCORDANCE WITH ACI RECOMMENDED PRACTICES. NO PLACING OF CONCRETE WILL BE COMBINED UNLESS THERE ARE TWO OPERABLE CONCRETE VIBRATORS ON THE JOB SITE.
11. ALL OTHER COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS, U.O.N.: CONCRETE CAST AGAINST EARTH 4 IN. ALL OTHER CONCRETE 3 IN.
12. PROVIDE 3/4 INCH CHAMFER ON ALL EXPOSED EDGES ADJACENT TO EXPANSION JOINTS, EXCEPT AS OTHERWISE NOTED.
13. FORM TIES AND REINFORCING BAR SUPPORTS SHALL BE OF NON-CORROSIVE MATERIAL, INCLUDING BUT NOT LIMITED TO, FIBERGLASS, PLASTIC, AND CONCRETE BLOCK. BAR SUPPORTS PLACED ABOVE VAPOR BARRIERS SHALL BE CONCRETE BLOCK.
14. ANY TIES, STRAPS OR OTHER METALLIC FIBERWORK ITEMS SHALL BE REMOVED TO A DEPTH OF 1-1/2 INCHES MINIMUM BEFORE FINISHED CONCRETE SURFACE. CONCRETE SHALL BE REPAIRED IN ACCORDANCE WITH ACI 301.

A. FORMED SURFACE
ADJACENT PIECE

19. AD 117 (1/2, 1/8 INCH MAX. OFFSET).
20. ALL CONCRETE SHALL INCLUDE CORROSION INHIBITING ADMIXTURE DO-5 BY WR GRACE (4.0 GAL/CY) OR APPROVED EQUIVALENT.
21. IF THE CONCRETE CAP USING WHITE CEMENT OPTION IS SELECTED, CONTRACTOR TO PROVIDE SAMPLES TO THE

REINFORCING STEEL:

1. REINFORCING STEEL SHALL BE OF DOMESTIC MANUFACTURE AND IN ACCORDANCE WITH ASTM A615 WITH SUPPLEMENT, GRADE 60.
2. TOLERANCES FOR REINFORCING BAR FABRICATION SHALL CONFORM TO THE CURRENT CRSI MANUAL OF STANDARD PRACTICE.
3. ALL REINFORCING STEEL SHALL BE UNCOATED (BLACK) DEFORMED BARS AND SHALL BE FREE FROM LOOSE RUST, SCALE OR OTHER COATINGS.
4. ALL REINFORCING STEEL SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED, AND FIRMLY TIED IN PLACE WITH BAR CHAIRS OR OTHER MEANS. REINFORCING STEEL SHALL BE PLACED AND TIED IN SUCH A MANNER THAT IT WILL NOT COME IN CONTACT WITH SUBSEQUENT CONCRETE PLACEMENT.
5. UNLESS OTHERWISE NOTED, LAP BOTTOM STEEL OVER STRUCTURAL SUPPORTS AND TOP STEEL AT MIDSPAN.
6. LAP LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318, ACI 530 AND CRSI STANDARD PRACTICES, U.O.N.
7. HOOK DEVELOPMENTS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS U.O.N.
8. ALL DIMENSIONS SHALL BE USED AS A MINIMUM U.O.N.
9. ALL DIMENSIONS PERTAINING TO LOCATION OF REINFORCING BARS ARE TO CENTERLINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE.
10. REINFORCEMENT DETAIL DIMENSIONS ARE CUT-TO-OUT OF BARS.
11. SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO FABRICATING REINFORCING STEEL. DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS PLACING DRAWINGS OR SHOP DRAWINGS.
12. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318 AND SUBMIT DRAWINGS SHOWING LOCATIONS AND DIRECTION OF POUR FOR ENGINEER'S REVIEW. PROVIDE KEYWAYS AND SLEEVES ABOVE ALL CONSTRUCTION JOINTS.
13. PROVIDE REINFORCEMENT STEEL DEVISION WITH A SET OF STRUCTURAL DRAWINGS FOR FIELD USE, RESPECT REINFORCING STEEL PLACEMENT FROM SHOP DRAWINGS.

[illegible]

Kimley»Horn

KHA PROJECT	046089013
DATE	APRIL 2025
SCALE	AS SHOWN
DESIGNED BY	NET
DRAWN BY	TEK
CHECKED BY	JP3

GENERAL NOTES

STRUCTURE WC-2
MODIFICATION (C690)

SHEET NUMBER
G-2

811

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CITY OF MIAMI SWFWMD MODIFICATION (C690)		STRUCTURE WC-2		G-3 SHEET NUMBER	
GENERAL NOTES		KHA PROJECT DATE APRIL 2025 DESIGNED BY CIS CHECKED BY JPJ		NO. REVISIONS DATE BY	
Kimley-Horn 2025 KIMLEY-HORN AND ASSOCIATES, INC. 300 CENTRAL AVENUE, SUITE 600, ST. PETERSBURG, FL 33701 WWW.KIMLEY-HORN.COM REGISTRY NO. 20106					



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AS-BUILT DRAWINGS

1. CONTRACTOR SHALL PREPARE AND MAINTAIN CURRENT A SET OF REQUIRED AS-BUILT DRAWINGS SHOWING ALL DEVIATIONS AND CHANGES MADE TO THE CONSTRUCTION DRAWINGS.
2. AS-BUILT DRAWINGS SHALL BE MADE AVAILABLE TO THE OWNER AND ENGINEER OF RECORD FOR REVIEW UPON REQUEST AT ANY TIME DURING THE COURSE OF THE PROJECT.
3. CONTRACTOR SHALL SUBMIT THE ORIGINAL AS-BUILT DRAWINGS TO THE ENGINEER WITHIN ONE WEEK FROM THE DATE OF FINAL COMPLETION, AND PRIOR TO OWNER'S ACCEPTANCE OF CONTRACTOR'S FINAL INVOICE.
4. SUBMITTED AS-BUILT DRAWINGS WILL REMAIN THE PROPERTY OF THE OWNER.

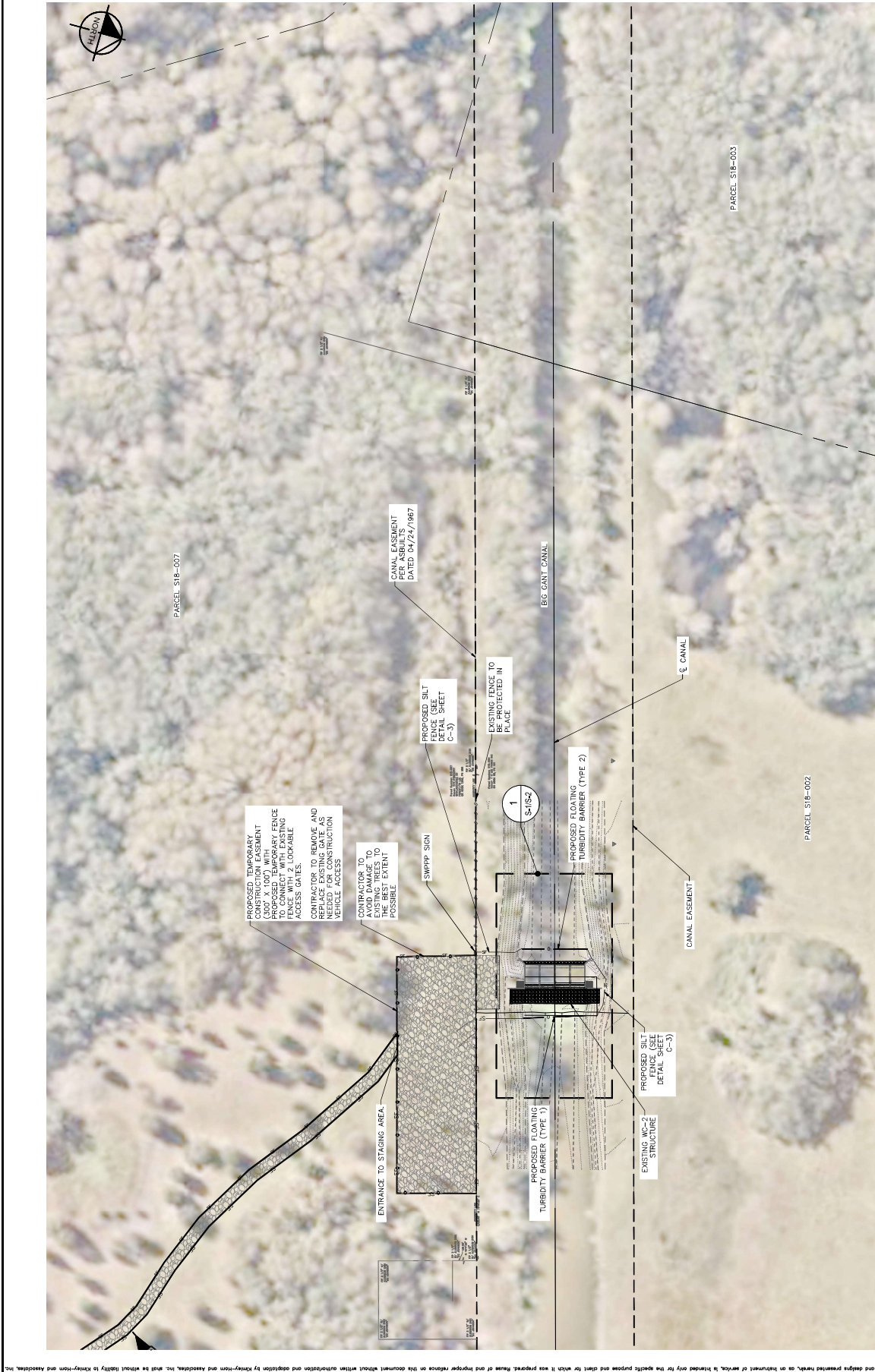
NO.	REVISIONS	DATE	BY

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 WWW.KIMLEY-HORN.COM REGISTRY NO. 20106
 PHONE: 727-547-1999
 FAX: 727-547-1998

KHA PROJECT	046089013
DATE	APRIL 2025
SCALE	AS SHOWN
DESIGNED BY	NET
DRAWN BY	TEK
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SITE PLAN

FL
 SUMTER COUNTY
 SWFWMD
 MODIFICATION (C690)
 STRUCTURE WC-2
 SHEET NUMBER
 C-1



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1 SITE PLAN
 C-1 SCALE: 1" = 60'

LEGEND:
 --- PROPERTY LINE
 --- CANAL EASEMENT LINE
 --- CANAL CENTERLINE
 --- SILT FENCE
 --- 0 --- TURBIDITY BARRIER

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| KHA PROJECT
046089013 | DATE
APRIL 2025 | SCALE AS SHOWN | DESIGNED BY NET | DRAWN BY TLR | CHECKED BY JPS |
|  <p>© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 200 CENTRAL AVENUE, SUITE 600, ST. PETERSBURG, FL 33701
 PHONE: 727-545-7999
 WWW.KIMLEY-HORN.COM REESTIMATE NO. 30106</p> | | | | | |
| No. | REVISONS | | | | |
| | DATE | | | | |

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STRUCTURE WC-2 MODIFICATION (C690) PREPARED FOR SWFWMD FL	ERG CON
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EROSION
CONTROL

KHA PROJECT	046089013	DATE	APRIL 2025	SCALE AS SHOWN	DESIGNED BY	NET	DRAWN BY	TEK	CHECKED BY	JP3
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PHONE: 727-547-9999
WWW.KIMLEY-HORN.COM
REGISTRY NO. 35106

STRUCTURE WC-2 MODIFICATION (C690) PREPARED FOR SWFWMD SUMTER COUNTY FL	SHEET NUMBER C-2
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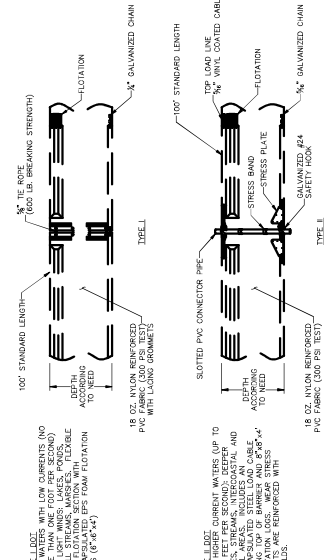
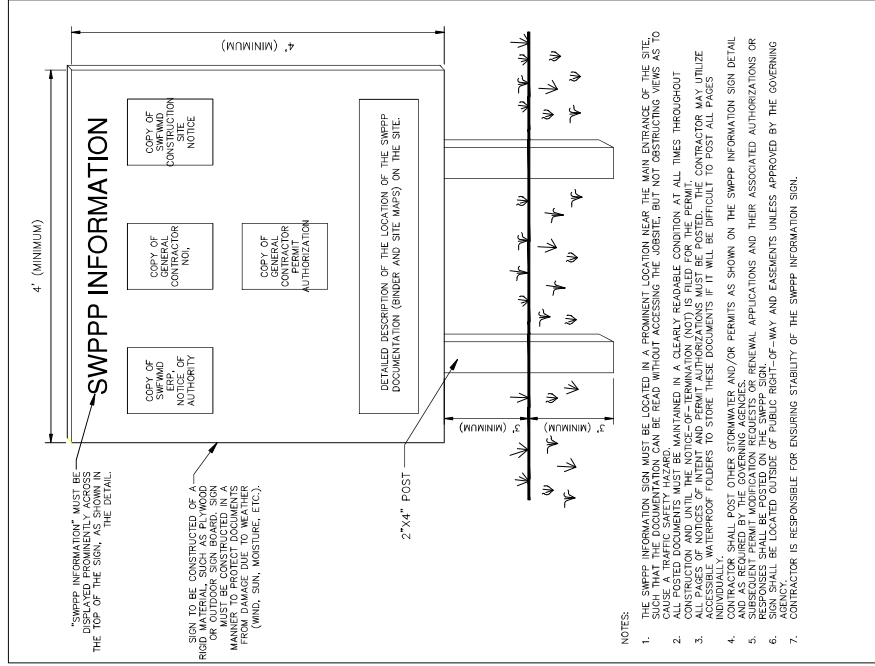
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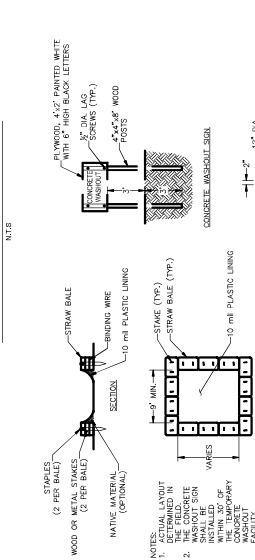
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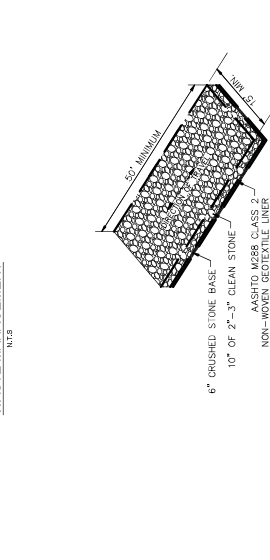
 **SUNSHINE STATE ONE CALL OF FLORIDA, INC.**



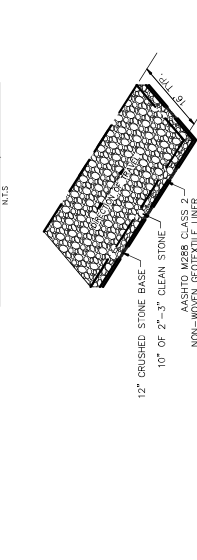
FLOATING TURBIDITY BARRIERS



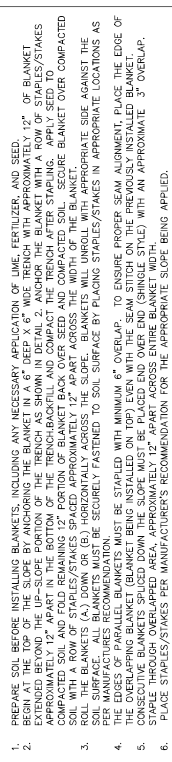
CONCRETE & STUCCO
WASTE MANAGEMENT



CONSTRUCTION ENTRANCE/EXIT DETAIL



TEMPORARY ACCESS ROAD DETAIL



- NOTES:
1. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
 2. FOLLOW EROSION CONTROL TECHNOLOGY COUNCIL SPECIFICATION FOR PRODUCT SELECTION.

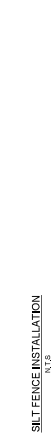
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- [illegible]

PERMANENT SEEDING, SOD OR MULCHING

N.T.S.

TEMPORARY SEEDING OR STABILIZATION	N.T.S.

046089013	DATE	APRIL 2025	SCALE AS SHOWN	DESIGNED BY NET	DRAWN BY TEK	CHECKED BY JP3
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[illegible]

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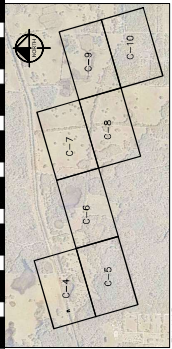
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MATCH LINE SHEET C-4
 SITE ACCESS NOTES:
 CONTRACTOR TO MAINTAIN CONDITIONS SPECIFIED IN ORD 3834 PG 530 WHICH
 ARE NEARLY IDENTICAL TO THE CONDITIONS OF THE CONTRACT. CONTRACTOR TO
 DISPOSAL OF BRUSH AND REFUSE FROM ANY CLEARING ACTIVITIES WITHIN
 THE ACCESS ROAD ROUTE.
 WRITTEN APPROVAL FROM THE GRANTOR IS REQUIRED FOR ANY ACTIVITIES
 DURING THE CONSTRUCTION OF THE ACCESS ROAD.
 DUE TO BE PICKED UP
 CONTAMINATED OR HAZARDOUS WASTE IS PROHIBITED
 FROM THE ACCESS ROAD. CONTRACTOR IS TO RESTORE THE
 EASEMENT AREA TO THE ORIGINAL CONDITION.
 LIMITS OF EXISTING INTERSESS EGRESS ARE APPROXIMATE AND SHOULD
 BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION
 COMMENCEMENT.



LEGEND:

---	PROPERTY LINE
---	CANAL EASEMENT LINE
---	CANAL CENTERLINE
---	SILT FENCE
0	TURBIDITY BARRIER

KEY MAP
1" = 25,000'

STRUCTURE WC-2
MODIFICATION (C690)
PREPARED FOR
SWFWMD
MATER COUNTY
FL

SITE ACCESS PLAN

KHA PROJECT	046089013	DATE	APRIL 2025	SCALE AS SHOWN	DESIGNED BY NET	DRAWN BY TEK	CHECKED BY JP3
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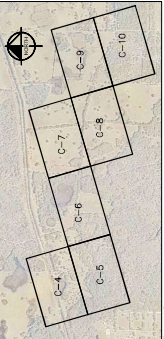
 **SUNSHINE STATE ONE CALL OF FLORIDA, INC.**

SITE ACCESS TO MAINTAIN:

CONTRACTOR TO MAINTAIN CONDITIONS SPECIFIED IN ORB 36.34 PG 5.30 WHICH INCLUDE BUT NOT BE LIMITED TO:

- DISPOSE OF ALL WASTE FROM ANY CLEARING ACTIVITIES WITHIN THE ACCESS ROAD RIGHT-OF-WAY
- WRITTEN APPROVAL FROM THE GRANTOR IS REQUIRED FOR ANY ACTIVITIES INVOLVING THE REMOVAL OF WATER
- CONTAMINATED OR HAZARDOUS WASTE IS PROHIBITED
- UPON CONSTRUCTION COMPLETION CONTRACTOR IS TO RESTORE THE EASEMENT AREA TO THE ORIGINAL CONDITION

LIMITS OF EXISTING INGRESS/EGRESS ACCESS ARE APPROXIMATE AND SHOULD BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION COMMENCEMENT.



LEGEND:

---	PROPERTY LINE
---	CANAL EASEMENT LINE
---	CANAL CENTERLINE
---	SILT FENCE
0	TURBIDITY BARRIER

KEY MAP
1" = 25,000'

NO.	REVISIONS	DATE	BY

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WWW.KIMLEY-HORN.COM REGISTRY NO. 20106

DATE: APRIL 2025
SCALE: AS SHOWN
DESIGNED BY: NET
CHECKED BY: JPK
KHA PROJECT: 046089013

SITE ACCESS PLAN

FL

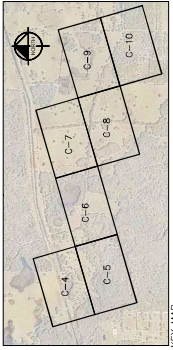
STRUCTURE WC-2
MODIFICATION (C690)
SWFWMD
SUMTER COUNTY



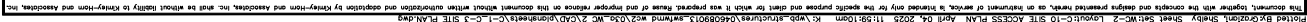
SITE ACCESS NOTES:

- CONTRACTOR SHALL FOLLOW CONDITIONS SPECIFIED IN OMB 3834 PG 530 WHICH INCLUDE BUT ARE NOT LIMITED TO:
- DISPOSAL OF BRUSH AND REFUSE FROM ANY CLEARING ACTIVITIES WITHIN THE PROJECT AREA SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
- WRITTEN APPROVAL FROM THE GRANTOR IS REQUIRED FOR ANY ACTIVITIES INVOLVING THE REMOVAL OF WATER.
- CONTAMINATED OR HAZARDOUS WASTE IS PROHIBITED.
- UPON CONSTRUCTION COMPLETION CONTRACTOR IS TO RESTORE THE EASEMENT AREA TO THE ORIGINAL CONDITION.

LIMITS OF EXISTING INGRESS/EGRESS ACCESS ARE APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION COMMENCEMENT.



- LEGEND:
- PROPERTY LINE
 - CANAL EASEMENT LINE
 - CANAL CENTERLINE
 - SILT FENCE
 - TURBIDITY BARRIER



NO.	REVISIONS	DATE	BY

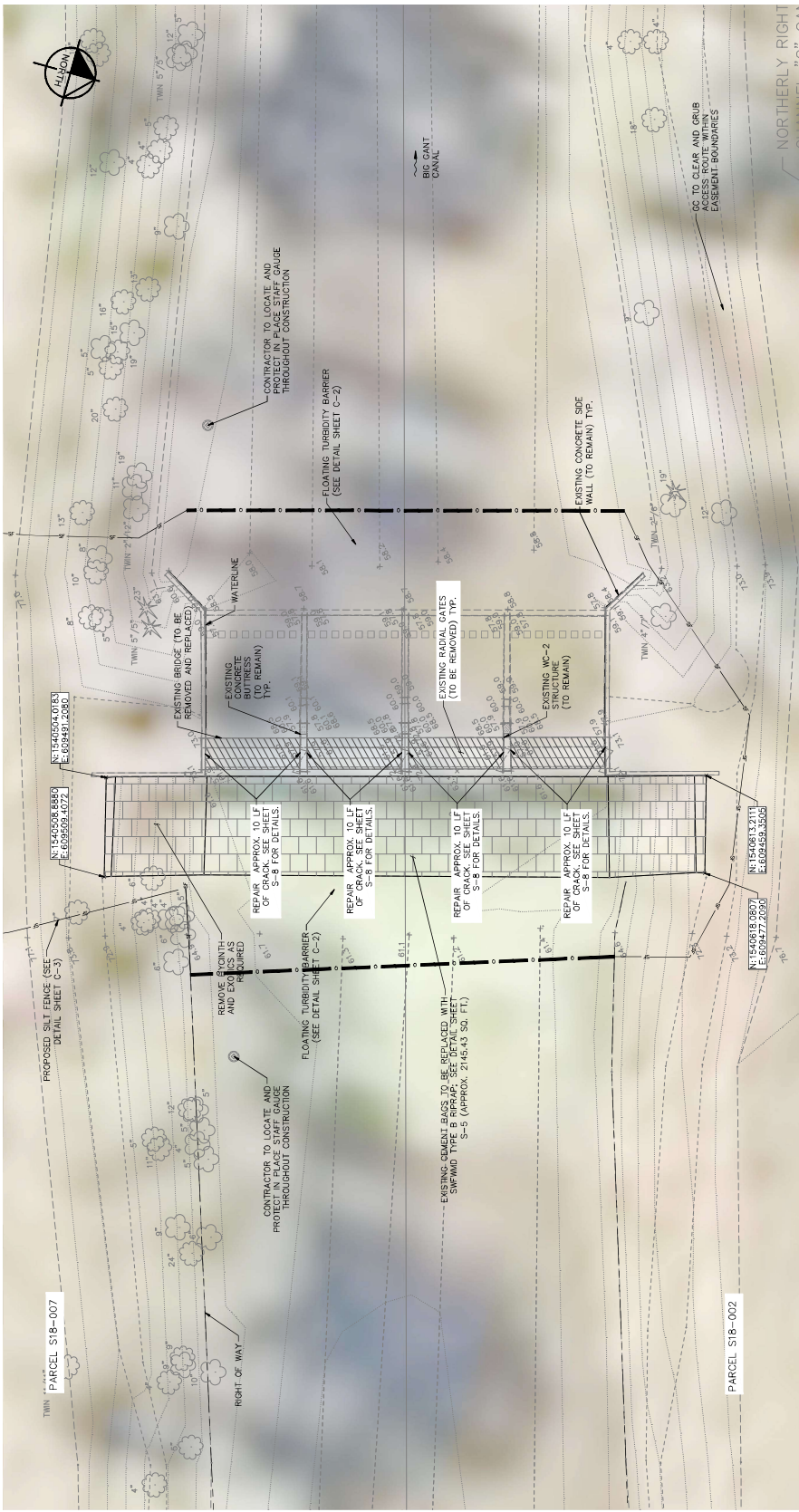
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PROJECT NO.	046089013
DATE	APRIL 2025
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DESIGNED BY	NET
DRAWN BY	JP3
CHECKED BY	JP3

**DEMOLITION AND REPAIR PLAN
CONCRETE**

**STRUCTURE WC-2
MODIFICATION (C690)**
PREPARED FOR
SWFWMD
SUNTER COUNTY
FL
SHEET NUMBER
S-1

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1 EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

This document, together with the contract and specifications, shall constitute the entire agreement between the client and Kimley-Horn and Associates, Inc. and shall be binding on the client and Kimley-Horn and Associates, Inc. without the need for any other documents or agreements. The client agrees to hold Kimley-Horn and Associates, Inc. harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Kimley-Horn and Associates, Inc. or its consultants, in connection with the performance of the services under this contract. The client also agrees to defend, indemnify, and hold Kimley-Horn and Associates, Inc. and its consultants harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Kimley-Horn and Associates, Inc. or its consultants, in connection with the performance of the services under this contract, except to the extent such claims, damages, losses, and expenses are caused in whole or in part by the negligence of Kimley-Horn and Associates, Inc. or its consultants. The client's obligations under this paragraph shall survive the termination or expiration of this contract.

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

STRUCTURE WC-2
MODIFICATION (C690)

PREPARED FOR
SWFWMD

SUMTER COUNTY
FL

PROPOSED
SECTIONS (1 OF 2)

DATE
APRIL 2025

SCALE
AS SHOWN

DESIGNED BY
NET

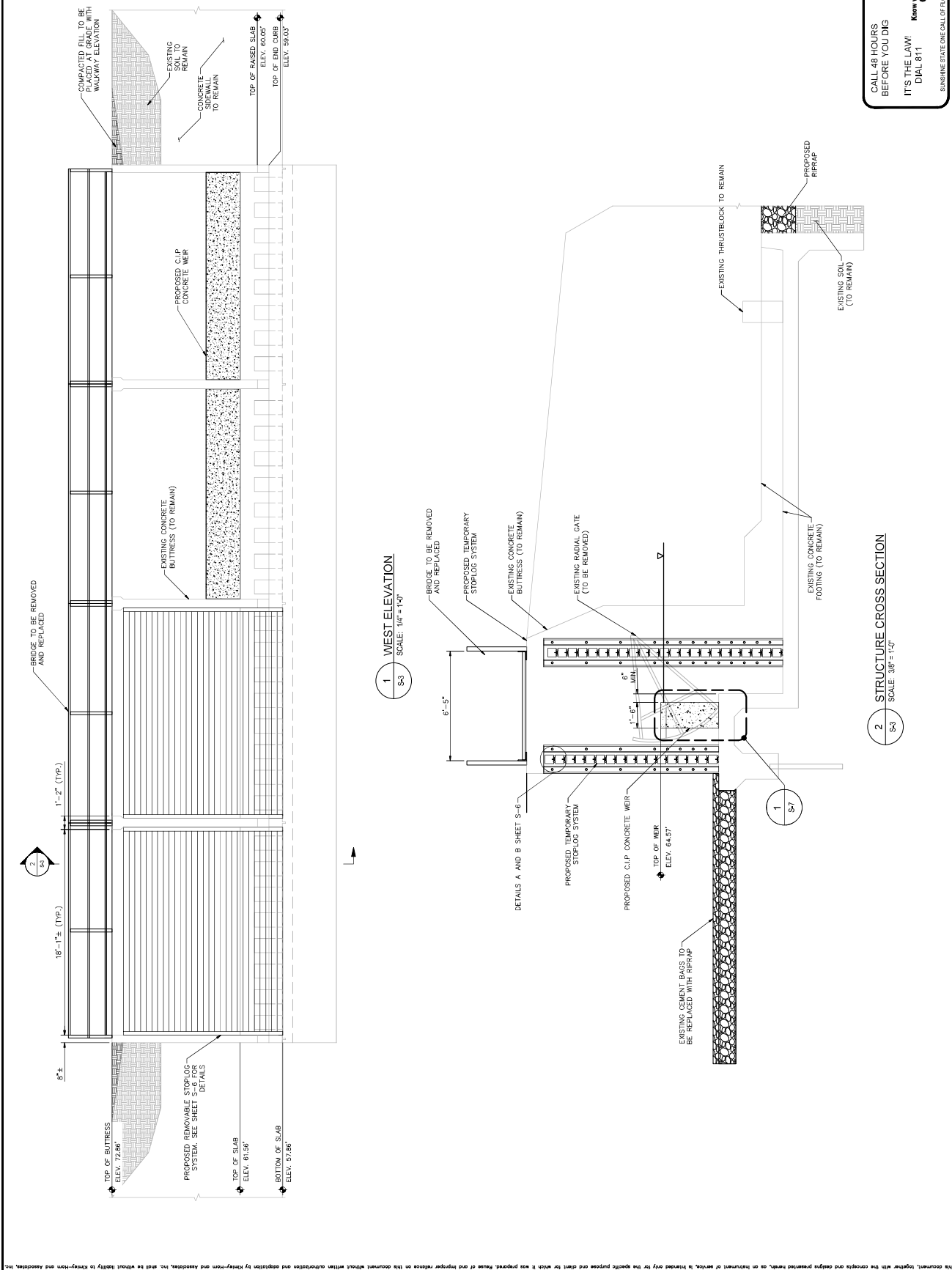
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TEK

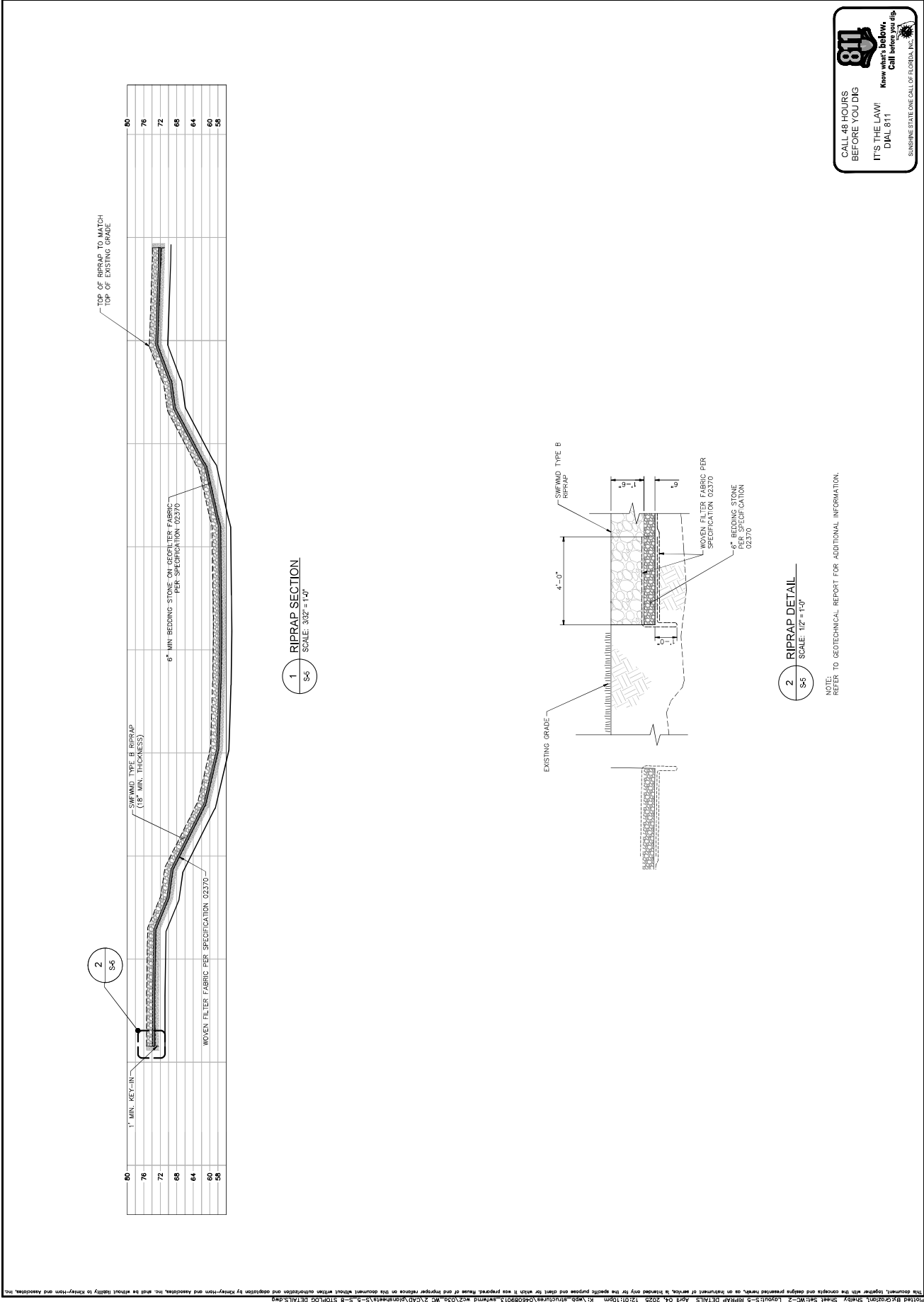
CHECKED BY
JPJ

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PHONE: 727-547-1999
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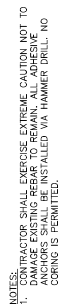




3. WEIR CONCRETE SHALL CONTAIN ZYPEX ADMIXTURE FROM THE CONCRETE BATCH PLANT. ZYPEX ADMIXTURE SHALL BE INCLUDED FOLLOWING MANUFACTURER'S RECOMMENDATIONS.

C STOPLOG DETAIL (SECTION)
S-6 SCALE: 3" = 1'-0"

KHA PROJECT	046089013	DATE	APRIL 2025	SCALE AS SHOWN	DESIGNED BY	NET	DRAWN BY	TEK	CHECKED BY	JP3
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[illegible]

1 CONCRETE WEIR DETAIL (SECTION)

2 CONCRETE WEIR DETAIL (ELEVATION)

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dnsheets\S-5-S-8 STOPLOG DETAILS.dwg

for which it was prepared. Ren

AIR DETAILS April 04, 2025 12:01:40pm K:\

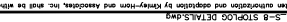
Noted By: Graziani, Shelby Sheet Set: WC-2 Layout: S-8 CONCRETE

END

Kimley-Horn

- wc2\030-wc2\CAD\plansheets\5-5-S-B STOPLOG DETAILS.dwg

2/030-4

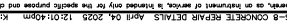


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SECRET



et:MC-2 1



et:MC-2 1

MC :

- 2 Layout: S-8 CONCRETE REPAIR DETAILS April 04, 2025 12:01:40pm K:\wpb

at \$

Noted By: Grazia, Shelby St. This document, together with the con

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE U.S. Fish and Wildlife Service

March 23, 2021

The eastern indigo snake protection/education plan (Plan) below has been developed by the U.S. Fish and Wildlife Service (USFWS) in Florida and Georgia for use by applicants and their construction personnel. At least **30 days prior** to any clearing/land alteration activities, the applicant shall notify the appropriate USFWS Field Office via e-mail that the Plan will be implemented as described below (North Florida Field Office: jaxregs@fws.gov; South Florida Field Office: verobeach@fws.gov; Panama City Field Office: panamacity@fws.gov; Georgia Field Office: gaes_assistance@fws.gov). As long as the signatory of the e-mail certifies compliance with the below Plan (including use of the attached poster and brochure), no further written confirmation or approval from the USFWS is needed and the applicant may move forward with the project.

If the applicant decides to use an eastern indigo snake protection/education plan other than the approved Plan below, written confirmation or approval from the USFWS that the plan is adequate must be obtained. At least 30 days prior to any clearing/land alteration activities, the applicant shall submit their unique plan for review and approval. The USFWS will respond via e-mail, typically within 30 days of receiving the plan, either concurring that the plan is adequate or requesting additional information. A concurrence e-mail from the appropriate USFWS Field Office will fulfill approval requirements.

The Plan materials should consist of: 1) a combination of posters and pamphlets (see **Poster Information** section below); and 2) verbal educational instructions to construction personnel by supervisory or management personnel before any clearing/land alteration activities are initiated (see **Pre-Construction Activities** and **During Construction Activities** sections below).

POSTER INFORMATION

Posters with the following information shall be placed at strategic locations on the construction site and along any proposed access roads (a final poster for Plan compliance, to be printed on 11 x 17in or larger paper and laminated, is attached):

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat.

These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida and Georgia. Although they have a preference for uplands, they also utilize some wetlands and agricultural areas and often move seasonally between upland and lowland habitats, particularly in the northern portions of its range (North Florida and Georgia). Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Reliance on xeric sandhill habitats throughout the northern portion of the range in northern Florida and Georgia is due to the dependence on gopher tortoise burrows for shelter during winter. Breeding occurs during October through February. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTION UNDER FEDERAL AND STATE LAW: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. Taking of eastern indigo snakes is prohibited by the Endangered Species Act without a permit is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the live eastern indigo snake sufficient time to move away from the site without interference;
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes. ^
- Immediately notify supervisor or the applicants designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicants designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

Telephone numbers of USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office: (904) 731-3336

Panama City Field Office: (850) 769-0552

South Florida Field Office: (772) 562-3909

Georgia Field Office: (706) 613-9493

PRE-CONSTRUCTION ACTIVITIES

1. The applicant or designated agent will post educational posters in the construction office and throughout the construction site, including any access roads. The posters must be clearly visible to all construction staff. A sample poster is attached.
2. Prior to the onset of construction activities, the applicant/designated agent will conduct a meeting with all construction staff (annually for multi-year projects) to discuss identification of the snake, its protected status, what to do if a snake is observed within the project area, and applicable penalties that may be imposed if state and/or federal regulations are violated. An educational brochure including color photographs of the snake will be given to each staff member in attendance and additional copies will be provided to the construction superintendent to make available in the onsite construction office (a final brochure for Plan compliance, to be printed double-sided on 8.5 x 11in paper and then properly folded, is attached). Photos of eastern indigo snakes may be accessed on USFWS and/or FWC or GADNR websites.
3. Construction staff will be informed that in the event that an eastern indigo snake (live or dead) is observed on the project site during construction activities, all such activities are to cease until the established procedures are implemented according to the Plan, which includes notification of the appropriate USFWS Field Office. The contact information for the USFWS is provided on the referenced posters and brochures.

DURING CONSTRUCTION ACTIVITIES

1. During initial site clearing activities, an onsite observer may be utilized to determine whether habitat conditions suggest a reasonable probability of an eastern indigo snake sighting (example: discovery of snake sheds, tracks, lots of refugia and cavities present in the area of clearing activities, and presence of gopher tortoises and burrows).

2. If an eastern indigo snake is discovered during gopher tortoise relocation activities (i.e. burrow excavation), the USFWS shall be contacted within one business day to obtain further guidance which may result in further project consultation.

3. Periodically during construction activities, the applicants designated agent should visit the project area to observe the condition of the posters and Plan materials, and replace them as needed. Construction personnel should be reminded of the instructions (above) as to what is expected if any eastern indigo snakes are seen.

POST CONSTRUCTION ACTIVITIES

Whether or not eastern indigo snakes are observed during construction activities, a monitoring report should be submitted to the appropriate USFWS Field Office within 60 days of project completion. The report can be sent electronically to the appropriate USFWS e-mail address listed on page one of this Plan.



ATTENTION

Federally-Threatened Eastern Indigo Snakes may be present on this site!

Killing, harming, or harassing eastern indigo snakes is strictly prohibited and punishable under State and Federal Law.

If you see a LIVE eastern indigo snake on the site:

- Do NOT attempt to touch or handle the snake. Stop land disturbing activities and allow the snake time to move away from the site without interference.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor/applicant, and a U.S. Fish and Wildlife Service (USFWS) Ecological Services Field Office, with the location information and condition of the snake.
- If the snake is located near clearing or construction activities that will cause harm to the snake, the activities must pause until a representative of the USFWS returns the call (within one day) with further guidance.

If you see a DEAD eastern indigo snake on the site:

- Stop land disturbing activities and immediately notify supervisor/applicant, and a USFWS Ecological Services Field Office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

DESCRIPTION. The eastern indigo snake is one of the largest non-venomous snakes in North America, reaching up to 8 ft long. Named for the glossy, blue-black scales above and slate blue below, they often have orange to reddish color (cream color in some cases) in the throat area. They are not typically aggressive and will try to crawl away when disturbed.

SIMILAR SPECIES. The black racer resembles the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY. Eastern indigo snakes live in a variety of terrestrial habitat types. Although they prefer uplands, they also use wetlands and agricultural areas. They will shelter inside gopher tortoise burrows, other animal burrows, stumps, roots, and debris piles. Females may lay from 4 to 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTED STATUS. The eastern indigo snake is protected by the USFWS, Florida Fish and Wildlife Conservation Commission, and Georgia Department of Natural Resources. Any attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage eastern indigo snakes is prohibited by the U.S. Endangered Species Act. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses. Only authorized individuals with a permit (i.e., Recovery [10a1A] or HCP ITP [10a1B]), or an Incidental Take Statement associated with a USFWS Biological Opinion may handle an eastern indigo snake.

Please contact your nearest USFWS Ecological Services Field Office if a live or dead eastern indigo snake is encountered:

Jacksonville, FL, (904) 731-3336
Panama City, FL, (850) 769-0552
Vero Beach, FL, (772) 562-3909
Athens, GA, (706) 613-9493



If you see a LIVE eastern indigo snake on the site:

- Cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site without interference.
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant's designated agent, and the appropriate U.S. Fish and Wildlife Service (USFWS) office, with information regarding the location and condition of the snake.
- If the snake is in a vicinity where clearing or construction activities will cause harm to the snake, the activities must be paused until a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

If you see a DEAD eastern indigo snake on the site:

- Cease clearing activities and immediately notify the supervisor or designated applicant/agent, and the USFWS Field Office (see below for contact information), with the location and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

USFWS Ecological Services Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

Jacksonville Office: (904) 731-3336
Panama City Office: (850) 769-0552
Vero Beach Office: (772) 562-3909
Georgia Office: (912) 403-1873

Description. The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet long. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. They often have orange to reddish coloration in the throat area, yet some may only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

Similar Species. The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

Life History. The eastern indigo snake occurs in a variety of terrestrial habitats. Although they prefer uplands, they also use wetlands and agricultural areas. Eastern indigo snakes will often take shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 to 12 white eggs as early as April through June, with young hatching in late July through October.

Killing, harming, or harassing indigo snakes is strictly prohibited and punishable under State and Federal Law.

Only individuals currently authorized to handle an eastern indigo snake through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, are allowed to do so.

Legal Status. The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. “Taking” of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. “Take” is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.



ATTENTION:

**THREATENED EASTERN
INDIGO SNAKES MAY BE
PRESENT ON THIS SITE!**



*Please read the following
information provided by the U.S.
Fish and Wildlife Service on
standard protection measures for
the eastern indigo snake.*