



# FLORIDA DEPARTMENT OF Environmental Protection

Northwest District  
160 W. Government Street, Suite 308  
Pensacola, FL 32502

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

## **Permittee/Authorized Entity:**

Gulf Power Company  
Attn: Richard Markey  
One Energy Place  
Pensacola, Florida 32520  
[Richard.Markey@nexteraenergy.com](mailto:Richard.Markey@nexteraenergy.com)

## **Gulf Power Sinai Substation Stormwater**

### **Authorized Agent:**

Jeffrey Cole  
Gulf Power Company  
1230 E. 15<sup>th</sup> St.  
Panama City, FL 32405  
[Jeffrey.Cole@nexteraenergy.com](mailto:Jeffrey.Cole@nexteraenergy.com)

### **Environmental Resource Permit**

**State-owned Submerged Lands Authorization – Not Applicable**

**U.S. Army Corps of Engineers Authorization – Not Included**

Jackson County  
Permit No.: 0192125-002-EI/32

**Permit Issuance Date: November 14, 2019**  
**Permit Construction Phase Expiration Date: November 14, 2024**

# Environmental Resource Permit

**Permittee: Gulf Power Company**  
**Permit No: 0192125-002-EI/32**

## **PROJECT LOCATION**

The activities authorized by this permit are located near Hammond road at the site of an existing substation for Nextera Energy on an approximately 12.08-acre site and is part of a larger planned development. Parcel ID No. 14 3N 07 0000-0010-0010 in Sinai, Florida 32460, Section 14, Township 03 North, Range 07 West in Jackson County, at Latitude 30° 39' 47.3" N Longitude 84° 54' 4.55" W.

## **PROJECT DESCRIPTION**

The application and plans for this project have been reviewed and the project qualifies for an ERP pursuant to Chapter 62-330, Florida Administrative Code. The project involves construction of an expansion to the current substation which will be treated by the existing stormwater management system.

Authorized activities are depicted on the attached exhibits.

## **AUTHORIZATIONS**

### **Gulf Power Sinai Substation Stormwater**

#### Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

#### Sovereignty Submerged Lands Authorization

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), the Department has determined the activity is not on submerged lands owned by the State of Florida. Therefore, your project is not subject to the requirements of Chapter 253, F.S., or Rule 18-21, F.A.C.

#### Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the U.S. Army Corps of Engineers (Corps). You must apply separately to the Corps using the federal application form (ENG 4345). More information about Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook. **Failure to obtain Corps authorization prior to construction could subject you to federal enforcement action by that agency.**

Authority for review – an agreement with the Corps entitled “Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit,” Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

This permit does not include federal authorization or imply the presence or limits of Waters of the United States (WOTUS) on the subject property. Activities that may impact WOTUS shall require a separate permit from the U.S. Army Corps of Engineers (Corps). It is recommended that you contact your local Corps office to determine whether your project site contains WOTUS and/or if a Department of the Army permit is needed. A map of local Corps offices and the federal application form (ENG 4345) are available online at the Jacksonville District Regulatory Division website.

#### Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

#### Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

#### Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

### **PERMIT CONDITIONS**

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit, as described.

### **SPECIFIC CONDITIONS – ADMINISTRATIVE/EMERGENCIES**

1. The permittee shall be responsible for keeping records documenting that relevant permit conditions are met. This documentation shall include, at a minimum, the date of each inspection, the name and qualifications of the inspector, any maintenance actions taken, and a determination

by the inspector as to whether the system is operating as intended. Inspection documentation must be readily available and shall be provided at the Department's request. Submittal of the inspection documentation to the Department is not required.

2. Within 30 days of any failure of a stormwater management system or deviation from the permit, a report shall be submitted to the Department on Form 62-330.311(1), Operation and Maintenance Inspection Certification, describing the remedial actions taken to resolve the failure of deviation. This report shall be signed and sealed by a registered professional.

3. For emergencies involving a serious threat to the public health, safety, welfare, or environment, the emergency telephone contact number is 800-320-0519 (State Warning Point). The Department telephone number for reporting nonthreatening problems or system malfunctions is (850) 595-0663, day or night.

4. The mailing address for submittal of forms for the "Construction Commencement Notice", "As Built Certification ...", "Request for Conversion of Stormwater Management Permit Construction Phase to Operation and Maintenance Phase", or other correspondence is FDEP, SLERP, 160 W. Government Street, Pensacola, Florida, 32502.

#### **SPECIFIC CONDITIONS – PRIOR TO ANY CONSTRUCTION**

5. This permit does not authorize the construction of any additional structures not illustrated on the permit drawings. This permit does not authorize the dredging or filling of wetlands or surface waters.

6. Best management practices for erosion control shall be implemented prior to construction activities and maintained at all times during construction to prevent siltation and turbid discharges into adjacent wetlands. Methods shall include but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Erosion control methods shall be implemented as described and shown in the attached permit drawings. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected and maintained daily during all stages of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.

#### **SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES**

7. The construction phase expires at 11:59 p.m. on the date indicated on the cover page of this permit, unless an application for extension is received and approved pursuant to Rule 62-330.320, F.A.C. If construction of the stormwater management system authorized by this environmental resource permit has not been completed and continued use of the system formally transferred to the operating phase before the expiration date of the permit, or an authorized extension, then at least 60 days before such expiration date, the permittee shall apply for another individual stormwater permit, using the forms and accompanied by the fee required by rules in effect at that time.

8. Erosion controls shall remain in place until the filled area has sufficient vegetative coverage to ensure stability and prevent erosion into the surrounding wetlands or surface waters. Grass seed and mulch or sod shall be installed and maintained on all exposed slopes and disturbed soil areas within 48 hours of completing final grade, and at any other time as necessary, to prevent erosion,

sedimentation, or turbid discharges into adjacent wetlands. A vegetative cover that stabilizes and prevents erosion of the fill material shall be established within 60 days of sodding or seeding. Upon establishment of a substantial vegetative cover, all erosion control devices shall be removed.

9. All material used as fill shall be clean sand/fill dirt/shell material and shall not be contaminated with vegetation, garbage, trash, tires, hazardous waste, and deleterious materials.

10. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.

11. If any construction de-watering is required, which results in an offsite discharge of groundwater, the permittee and/or the contractor shall ensure that the requirements of pertinent portions of Chapter 62-621, F.A.C. are met. Please contact Bill Evans, P.E., at 850-595-0584, for more information.

12. There shall be no storage or stockpiling of tools, materials (i.e. lumber, pilings, debris) within wetlands or elsewhere within waters of the state.

#### **SPECIFIC CONDITIONS – OPERATION AND MAINTENANCE ACTIVITIES**

13. The stormwater management systems shall be inspected by a registered professional to evaluate whether the system is functioning as designed and permitted. Percolation performance should specifically be addressed. The registered professional may record his inspection on Form No. 62-330.311(1), Operation and Maintenance Inspection Certification or may provide his evaluation in any other format; however, any report must be signed and sealed by the registered professional. Submittal of the inspection report to the Department is not required; but the report shall be made available to the Department upon request. Inspections shall be made by the registered professional in accordance with this schedule:

For Dry Retention:

- a. On the first anniversary of the date of conversion to Operation and Maintenance Phase.
- b. Every fifth year on the anniversary of conversion to Operation and Maintenance phase, after the first year of successful operation.

14. The Stormwater Operation and Maintenance Plan, as approved and enclosed with this permit, shall be implemented.

15. Percolation performance shall be evaluated within the pond at least every third year. If there is evidence of inadequate percolation, the pond bottom must be re-scarified or deep-raked to restore percolation characteristics. If reworking the pond bottom fails to restore adequate percolation, additional retention area restoration shall be performed as follows:

- a. Remove the top layer of the retention area bottom material to a depth of 2 to 3 inches and scarify or deep-rake the excavated bottom.
- b. Replace excavated bottom material with suitably permeable material and restore the pond bottom to design grade.

16. All structures authorized by this permit shall remain in operable condition and shall not be allowed to deteriorate or otherwise contribute to a water quality violation for the life of the facility. All stormwater structures identified by this permit shall be maintained in proper working order for the life of the facility.

17. Inspections by the Permittee:

- a. The stormwater system shall be inspected periodically for accumulation of debris and trash. Accumulations of debris and trash that negatively affect the function of the system shall be removed upon discovery.
- b. The stormwater system shall be inspected periodically for silt accumulation. Accumulations of silt that negatively affect the function of the system shall be removed.

18. Within 30 days of any failure of a stormwater management system or deviation from the permit, a report shall be submitted to the Department on Form 62-330.311(1), Operation and Maintenance Inspection Certification, describing the remedial actions taken to resolve the failure of deviation. This report shall be signed and sealed by a registered professional.

### **GENERAL CONDITIONS FOR INDIVIDUAL PERMITS**

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.

2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.

3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual* (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual* (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating

the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.

5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
  - a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – “Construction Completion and Inspection Certification for Activities Associated with a Private Single-Family Dwelling Unit” [Form 62-330.310(3)]; or
  - b. For all other activities – “As-Built Certification and Request for Conversion to Operational Phase” [Form 62-330.310(1)].
  - c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
  - a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
  - b. Within 30 days of submittal of the as- built certification, the permittee shall submit “Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity” [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
  - a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
  - b. Convey to the permittee or create in the permittee any interest in real property;
  - c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
  - d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S.

Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

12. The permittee shall notify the Agency in writing:

- a. Immediately if any previously submitted information is discovered to be inaccurate; and
- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

14. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately, and notification shall be provided in accordance with Section 872.05, F.S.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.



18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

## **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov). Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While

you are not required to publish notice of this action, you may elect to do so pursuant to Rule 62-110.106(10)(a), F.A.C.

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point of entry.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov), before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S. by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Thank you for applying to the Submerged Lands and Environmental Resource Permit Program. If you have any questions regarding this matter, please contact Blake Chapman at the letterhead address, at (850)595-0611, or at [Blake.A.Chapman@floridadep.gov](mailto:Blake.A.Chapman@floridadep.gov)

**EXECUTION AND CLERKING**

Executed in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



---

Kimberly R. Allen  
Permitting Program Administrator

KRA:bc

**Attachments:**

Exhibit 1, Project Drawings and Design Specs., 9 Pages

Exhibit 2, Operation and Maintenance Plan, 2 Pages

Copies of 62-330 forms may be obtained at: <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource>

**CERTIFICATE OF SERVICE**

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

Kimberly R. Allen, DEP, [Kim.Allen@FloridaDEP.gov](mailto:Kim.Allen@FloridaDEP.gov)  
Tanya McHale, FDEP, [Tanya.McHale@FloridaDEP.gov](mailto:Tanya.McHale@FloridaDEP.gov)  
Blake Chapman, FDEP, [Blake.A.Chapman@FloridaDEP.gov](mailto:Blake.A.Chapman@FloridaDEP.gov)  
Richard Markey, Gulf Power, [Richard.Markey@nexteraenergy.com](mailto:Richard.Markey@nexteraenergy.com)  
Jeffrey Cole, Gulf Power, [Jeffrey.Cole@nexteraenergy.com](mailto:Jeffrey.Cole@nexteraenergy.com)  
Morgan Hurst, Dewberry, [mhurst@Dewberry.com](mailto:mhurst@Dewberry.com)  
Jackson County, [wdaniels@jacksoncountyfl.com](mailto:wdaniels@jacksoncountyfl.com), [connieb@sneadsfl.com](mailto:connieb@sneadsfl.com)

**FILING AND ACKNOWLEDGMENT**

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



---

**Clerk**

November 14, 2019

**Date**



CONSTRUCTION PLANS FOR:  
**SINAI SUBSTATION EXPANSION  
 & STORMWATER MODIFICATION**  
 8257 HAMMOND ROAD  
 SNEADS, FLORIDA

PREPARED FOR:  
**GULF POWER COMPANY / NextEra Energy, Inc.**  
 1 ENERGY PLACE, PENSACOLA, FLORIDA

PREPARED BY:



203 ABERDEEN PKWY, PANAMA CITY, FL 32405  
 (850) 522-0644

PROJECT NUMBER - 50089295

SEPTEMBER, 2019



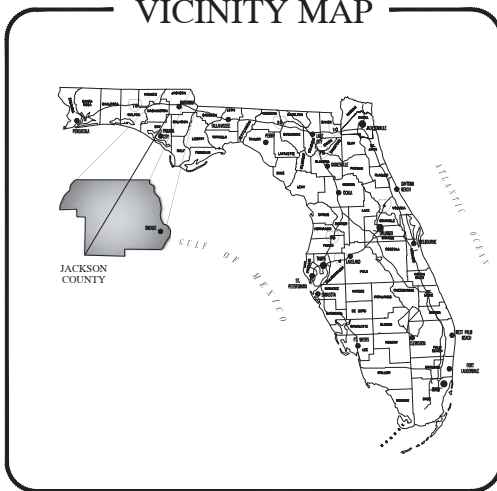
48 HOURS  
 BEFORE YOU DIG  
 CALL SUNSHINE ONE  
 1-800-432-4770  
 www.callsunshine.com



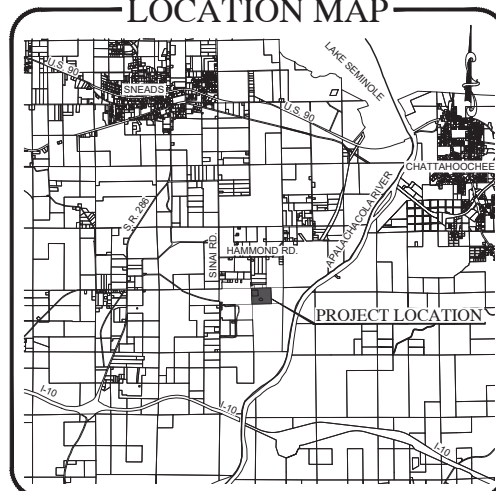
PRELIMINARY DOCUMENTS  
 NOT FOR CONSTRUCTION

REV.	REV. DATE	REV. DESCRIPTION	RELEASED TO	RELEASE DATE

VICINITY MAP



LOCATION MAP



DRAWING INDEX

TITLE	NO.
COVER	
GENERAL NOTES	C1
STORM WATER POLLUTION PREVENTION PLAN	C2
EXISTING CONDITIONS AND SITE SURVEY	C3
MASTER SITE PLAN w/IMPROVEMENTS	C4
GRADING PLAN	C5
GRADING SECTION & DETAILS	C6
EXISTING SWMF DETAILS	D1
DRAINAGE DETAILS	D2

CONSTRUCTION SEQUENCE AND BMP'S

- 1. THE INITIAL PART OF THE CONSTRUCTION PROCESS SHALL BE THE INSTALLATION OF SILT FENCE ALONG THE PERIMETER OF THE AREA THAT IS TO BE DISBURBED. THE SILT FENCE SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS...
2. TYPICALLY, THE SANITARY SEWER, STORM SEWER, AND WATER MAINS ARE INSTALLED RESPECTIVELY...
3. SITE STABILIZATION SHALL BE PROVIDED AS SOON AS THE GRADING WILL ALLOW IN ORDER TO STOP EROSION AND REDUCE TURBID RUNOFF...

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE OWNER...
2. CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES AND NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION...
3. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND...
4. IT IS THE RESPONSIBILITY OF CONTRACTOR TO ESTABLISH THE FOLLOWING IN THE FIELD: EXISTING UTILITY LOCATIONS, RIGHT OF WAY LINES...
5. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE...
6. THE CONTRACTOR SHALL STOCKPILE SUITABLE EXCAVATED MATERIALS WITHIN THE LIMITS OF THE CURRENT CONSTRUCTION PHASE...

- 15. ALL PROPOSED PIPING AND STRUCTURES SHALL BE INSTALLED IN DRY CONDITIONS...
16. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING...
17. CONTRACTOR SHALL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS...
18. EXISTING SIGNAGE TO REMAIN THAT WILL BE AFFECTED BY CONSTRUCTION SHALL BE RELOCATED DURING CONSTRUCTION...
19. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH AN INDEPENDENT TESTING COMPANY TO VERIFY COMPACTION...
20. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE ENGINEER THAT HAVE BEEN PREPARED AND CERTIFIED BY A REGISTERED PROFESSIONAL SURVEYOR...

- 21. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA...
22. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EROSION IS CONTROLLED ON SITE AND THAT NO SEDIMENTATION LEAVES THE PROJECT AREA...
23. AS CONSTRUCTION PROGRESSES, THE CONTRACTOR SHALL MAKE ADJUSTMENTS AND/OR INSTALL ADDITIONAL MEASURES TO PREVENT DIRECT FLOW OR TRACKING OF SEDIMENTS...
24. ANY SEDIMENTS, GRAVEL OR MUD SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES...
25. TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PLACED ADJACENT TO ANY WATERWAY OR DRAINAGE FEATURE...
26. CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT...
27. EQUIPMENT MAINTENANCE AND REPAIR SHALL NOT BE PERFORMED ON SITE...
28. STORAGE OF CHEMICALS, CEMENTS, SOLVENTS, PAINTS, OR OTHER POTENTIAL WATER POLLUTANTS IS PROHIBITED ON SITE...
29. CONTRACTOR IS RESPONSIBLE FOR NPDES PERMIT...
30. ALL SURVEY STAKES, SYNTHETIC BALES, AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION...

- 31. ALL PUBLIC CORNERS OR ANY MONUMENTS THAT PERPETUATES THE ROW WITHIN THE PROJECT LIMITS ARE TO BE PROTECTED BY THE CONTRACTOR...
32. SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GRADING IS ESTABLISHED...
33. DEWATERING: SHOULD LOWERING OF GROUNDWATER BE NECESSARY FOR THE INSTALLATION OF CONCRETE STRUCTURES...
34. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY METERS, VALVES, SERVICE LATERALS, FIRE HYDRANTS, MAINS, WATER, WASTEWATER, OR GAS FACILITIES...
35. A BURN PERMIT ISSUED THROUGH JACKSON COUNTY IS REQUIRED: BURNING IS PROHIBITED TWO (2) CALENDAR DAYS BEFORE AND TWO (2) CALENDAR DAYS AFTER A HOLIDAY.

- 36. THE CONTRACTOR SHALL PROVIDE DIGITAL VIDEO FILES OF STORMWATER PIPES AFTER INSTALLATION...
37. THE CONTRACTOR IS RESPONSIBLE FOR SITE STABILIZATION THROUGHOUT CONSTRUCTION ACTIVITIES AND AFTER...
38. ALL STORMWATER PIPING AND STRUCTURES SHALL BE INSTALLED IN ACCORDANCE WITH FOOT STANDARDS AND MANUFACTURERS RECOMMENDATIONS...
39. BASE AND BACKFILL MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED...
40. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING...
41. ALL CONSTRUCTION AREAS NEAR WETLANDS ARE TO BE MONITORED CLOSELY FOR EROSION...
42. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EROSION IS CONTROLLED ON SITE...
43. AS CONSTRUCTION PROGRESSES, THE CONTRACTOR SHALL MAKE ADJUSTMENTS AND/OR INSTALL ADDITIONAL MEASURES TO PREVENT DIRECT FLOW OR TRACKING OF SEDIMENTS...
44. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK...

GRADING, DRAINAGE, AND EARTH WORK NOTES:

CONSTRUCTION:

- 1. PROPOSED SPOT ELEVATIONS REPRESENT GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS...
2. TESTING SHALL BE IN GENERAL CONFORMANCE WITH THE FOOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
3. TOP SOIL SHALL BE PLACED IN AREAS WHERE SOD IS PROPOSED...
4. ALL SPILL MATERIAL SHALL BE PLACED ON THE UPLAND SIDE OF ANY SLOPED CONSTRUCTION AREA...
5. CONTRACTOR SHALL FOLLOW ALL OSHA REQUIREMENTS FOR CONSTRUCTION...
6. THE CONTRACTOR SHALL FOLLOW ALL CONDITIONS OF THE PERMIT REQUIREMENTS...
7. THE PROJECT AREA MUST HAVE MINIMUM PERCOLATION RATE OF 5 IN/HR AT 95% MAXIMUM DENSITY...
8. ORGANIC, UNSUITABLE SOILS ON THE PROJECT SITE SHALL BE REMOVED AND REPLACED WITH CLEAN SAND MATERIAL...
9. SATISFACTORY IMPORT MATERIALS CONSIST OF SOILS COMPLYING WITH AASHTO SOIL CLASSIFICATION GROUPS A-1, A-2-1, A-2-5, OR A-3...
10. FILL MATERIALS THAT ARE SATISFACTORY MUST BE FREE OF CLAY, ROCK, OR GRAVEL LARGER THAN 2 INCHES IN ANY DIMENSION...
11. STOCKPILE SATISFACTORY EXCAVATED MATERIALS UNTIL REQUIRED FOR FILL, PLACE, GRADE, AND SHAPE STOCKPILES FOR PROPER DRAINAGE.

EROSION AND SEDIMENT CONTROL NOTES:

CONSTRUCTION:

- 1. CONTRACTOR SHALL STAGE AND TIME CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA...
2. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR WILL STABILIZE THE SOIL...
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL...
4. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS...
5. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD, AND/OR ARTIFICIAL COVERINGS...
6. GRASS BY SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FOOT STANDARD SPECIFICATIONS...
7. GRASS BY HYDRO-SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FOOT STANDARD SPECIFICATIONS...
8. GRASS AND MULCH SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FOOT STANDARD SPECIFICATIONS...
9. TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS...
10. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER RAY BALES, SILT FENCE, TURBIDITY BARRIER...
11. CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION-RELATED TRAFFIC IS TO ENTER AND EXIT SITE...
12. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS...
13. MAINTENANCE: THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES...
14. SILT FENCES AND TURBIDITY BARRIERS SHALL BE CHECKED DAILY FOR EFFECTIVENESS, BREACHES, AND ROUTINE MAINTENANCE.



Dewberry Engineers Inc. 203 Aberdeen Parkway Palmetto City, FL 32405 850.522.0644

GULF POWER SIGNAL SUBSTATION EXPANSION & STORMWATER MODIFICATIONS GULF POWER COMPANY SNEADS, FLORIDA



PRELIMINARY DOCUMENTS NOT FOR CONSTRUCTION

SCALE: NO SCALE

Table with 3 columns: NO., DESCRIPTION, DATE. It is mostly empty.

DRAWN BY: MLM, APPROVED BY: JMH, CHECKED BY: JMS, DATE: SEPTEMBER, 2019

TITLE: GENERAL NOTES

PROJECT NO. 50082925

C1

SHEET NO.

1 2 3 4 5

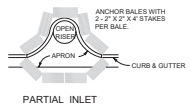
**STORMWATER POLLUTION PREVENTION PLAN (SWPPP):**

1. SITE DESCRIPTION  
 A. CONSTRUCTION ACTIVITY: CONSTRUCTION OF A GRAVEL PAD, CHAIN LINK FENCE AND ASSOCIATED GRADING.  
 PROJECT LIMITS: SEE SHEET C4.  
 B. MAJOR SOIL DISTURBING ACTIVITIES: CONSTRUCTION OF A GRAVEL PAD, CHAIN LINK FENCE AND ASSOCIATED GRADING.  
 C. TOTAL PROJECT AREA: 12.08 AC  
 TOTAL SOIL AREA TO BE DISTURBED: 29,418 SQ. FT. (0.675 AC)  
 (1) RUNOFF COEFFICIENTS BEFORE, DURING, AND AFTER CONSTRUCTION BEFORE: 0.30, DURING: 0.45, AFTER: 0.17  
 (2) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE: SEE GEOTECHNICAL REPORT  
 (3) ESTIMATES OF SIZE OF DRAINAGE AREA FOR OUTFALL: OUTFALL POND = 35,940 SQ. FT. (0.83 AC)  
 E. FOR LOCATIONS OF DRAINAGE AREAS AND OUTFALLS: N/A  
 F. (1) NAME OF RECEIVING WATERS: N/A  
 (2) WETLAND AREA: N/A

2. CONTROLS  
 NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS  
 THE SOIL DISTURBING ACTIVITIES FOR THIS PROJECT ARE AS FOLLOWS. ONLY UPON PROPER PLACEMENT OF ALL EROSION CONTROLS CAN SOIL DISTURBING ACTIVITIES TAKE PLACE. HAY BALES AND SILT FENCE WILL BE USED LATERALLY AT SPECIFIED INTERVALS. HAY BALES SHALL BE USED TO PREVENT SEDIMENTATION FROM ESCAPING PROJECT LIMITS. EROSION CONTROLS SHALL REMAIN IN PLACE UNTIL THE SITE IS STABILIZED.
- A. EROSION AND SEDIMENT CONTROLS:  
 (1) STABILIZATION PRACTICES:  
 TEMPORARY SOODING  
 TEMPORARY GRASSING  
 X PERMANENT PLANTING, SOODING, OR SEEDING  
 TEMPORARY MULCHING  
 ARTIFICIAL COVERING  
 BUFFER ZONES  
 PRESERVATION OF NATURAL RESOURCES
- (2) STRUCTURAL PRACTICES:  
 SAND BAGGING  
 X SILT FENCES  
 X HAY BALES  
 BERMS  
 DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES  
 PIPE SLOPE DRAINS  
 FLUMES  
 X ROCK BEDDING AT CONSTRUCTION EXIT  
 X TIMBER BEDDING AT CONSTRUCTION EXIT  
 DITCH LINER
- SEDIMENT TRAPS  
 SEDIMENT BASINS  
 X STORM INLET SEDIMENT TRAP (ROCK BAGS)  
 STONE OUTLET STRUCTURES  
 CURBS AND GUTTERS  
 STORM SEWERS  
 VELOCITY CONTROL DEVICES  
 TURBIDITY BARRIER  
 RIP-RAP

- B. DESCRIPTION OF STORMWATER MANAGEMENT: STORMWATER TO BE MANAGED ON-SITE BY ONE (1) WET DETENTION POND.  
 C. OTHER CONTROLS:  
 (1) WASTE DISPOSAL: NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE  
 (2) OFFSITE VEHICLE TRACKING  
 HAUL ROADS DAMPENED FOR DUST CONTROL  
 X LOADED HAUL TRUCKS TO BE COVERED WITH TARPULLIN  
 X EXCESS DIRT ON ROAD REMOVED DAILY  
 X STABILIZED CONSTRUCTION ENTRANCE  
 (3) SANITARY WASTE: N/A  
 (4) FERTILIZERS AND PESTICIDES: FERTILIZERS AND/OR PESTICIDES SHALL BE APPLIED ACCORDING TO MANUFACTURERS RECOMMENDATIONS BY A LICENSED OR CERTIFIED APPLICATOR AS DIRECTED BY THE PROJECT ENGINEER.  
 (5) NONSTORMWATER DISCHARGE (INCLUDING SPILL REPORTING): TO BE USED DURING DEWATERING PROPER RMPs

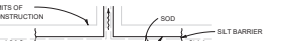
- D. APPROVED STATE, LOCAL, PLANS, OR STORMWATER PERMITS: FDEP WASTE WATER PERMIT, FDEP POTABLE WATER PERMIT, BAY COUNTY CONSTRUCTION IN RIGHT OF WAY PERMIT, BAY COUNTY DEVELOPMENT ORDER, AND FDEP/NPDES ENVIRONMENTAL RESOURCE PERMIT
3. MAINTENANCE:  
 ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN (7) CALENDAR DAYS AFTER THE SURROUNDING EXPOSED AREA HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT.
4. INSPECTION  
 ALL CONTROLS SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR AS WELL AS AFTER 230 OR MORE OF RAIN, AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER EACH INSPECTION, BASED ON INSPECTION RESULTS THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORTS.  
 A. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER, TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND DAILY RAINFALL RECORDS, WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT AND CERTIFY THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.  
 B. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS NEEDED.  
 C. RECORDS OF THE INSPECTION AND THE CONSTRUCTION PERMIT MUST BE MAINTAINED AT THE CONSTRUCTION SITE AND BE READILY AVAILABLE FOR INSPECTION.  
 5. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER THE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION OR ANY DISTURBANCE OF LAND GREATER THAN ONE ACRE. THE DEVELOPER/CONTRACTOR WILL FORWARD A COPY OF THE PERMIT AND WILL PROVIDE 24 HOUR NOTIFICATION TO THE CITY AT COUNTY PRIOR TO COMMENCEMENT OF WORK. ALL REQUIRED ELEMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN MUST BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION, FAILURE TO COMPLY COULD RESULT IN CODE ENFORCEMENT ACTION AND FINES.  
 6. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR FOLLOWING REQUIRED WASTE MANAGEMENT PRACTICES AS DEFINED IN THE BAY COUNTY MUNICIPAL CODE SECTION 22-01 UNLAWFUL DISPOSAL OF WASTE, FAILURE TO DELIVER WASTE, WHICH MAKES IT UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY.  
 7. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT AS REQUIRED



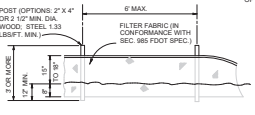
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



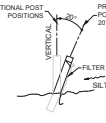
BALES BACKED BY FENCE



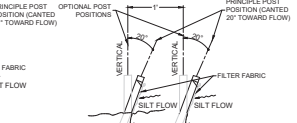
DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



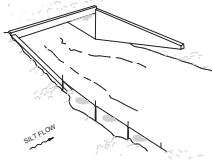
ELEVATION



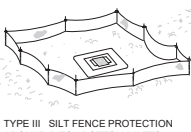
SECTION (SINGLE ROW)



SECTION (DOUBLE ROW)

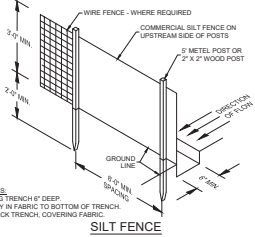


TYPE III SILT FENCE



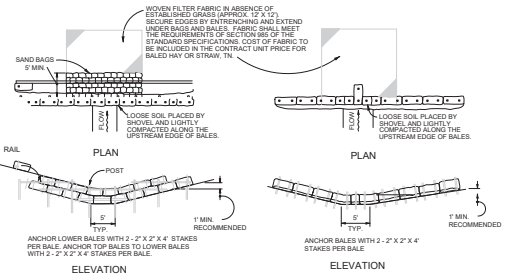
TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.

NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3.



SILT FENCE

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.  
 NOTE:  
 (1) SILT FENCE SHALL BE USED LATERALLY AT THE DIRECTION OF THE ENGINEER AND TO COMPLY WITH THE FDEP/NSP PERMITTING.



APPLICATION AND SPACING: THE USE OF TYPE I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN THE CHART BELOW

TYPE II BARRIER FOR UNPAVED DITCHES

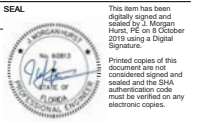
TYPE I BARRIER FOR PAVED DITCH

D:\Projects\2019\19-008\DWG\19-008-01-01-01.dwg (PLOT) (DATE: 9/25/2019 10:58:58 AM) (USER: JMH)



Dewberry Engineers Inc.  
 203 Aberdeen Parkway  
 Panama City, FL 32405  
 850.522.0644

GULF POWER SINAI SUBSTATION  
 EXPANSION &  
 STORMWATER MODIFICATIONS  
 GULF POWER COMPANY  
 SNEADS, FLORIDA



J. MORGAN HURST, P.E. 60813  
 EB 0008754

PRELIMINARY DOCUMENTS  
 NOT FOR CONSTRUCTION

SCALE  
 NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

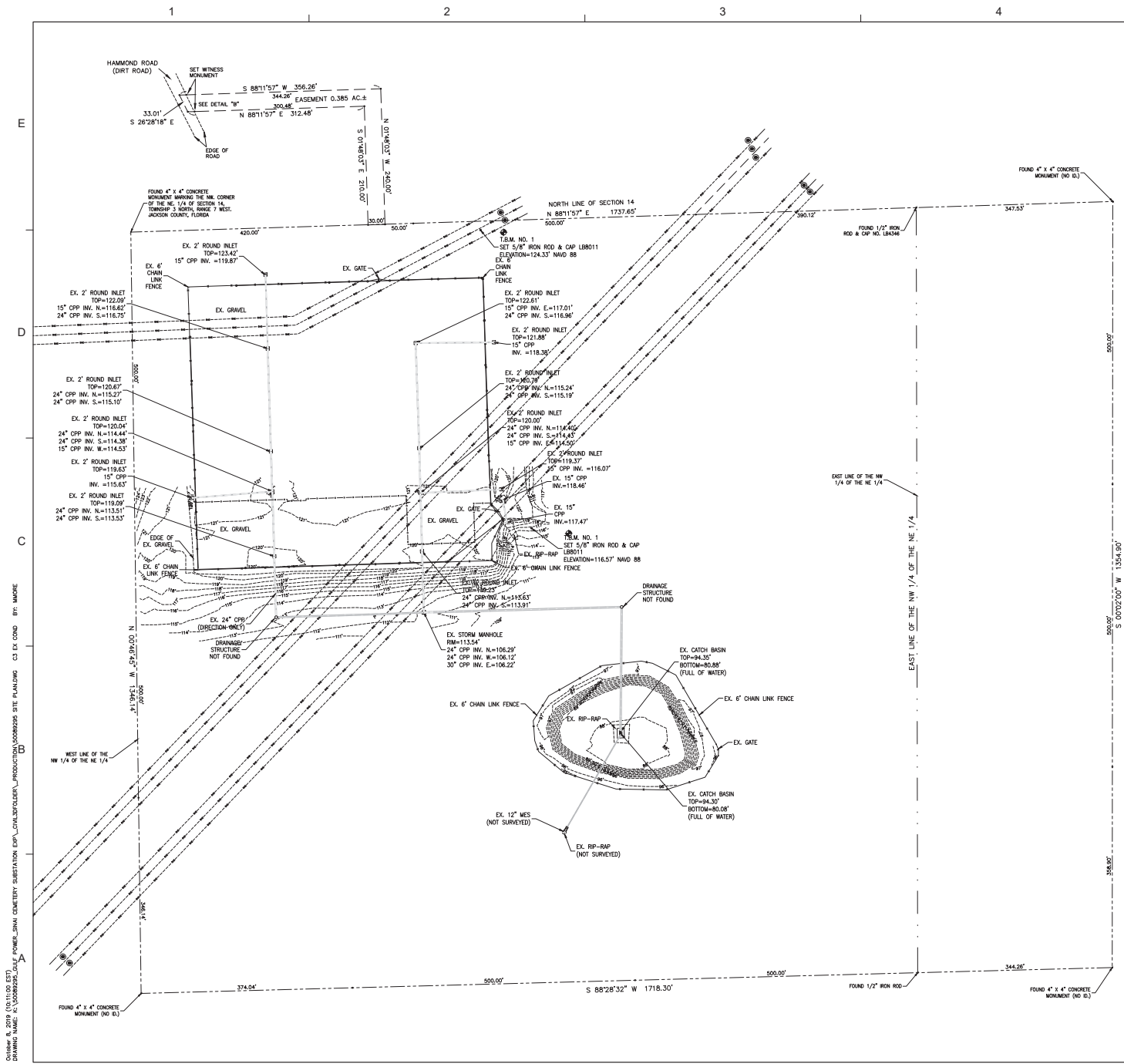
DRAWN BY: JMH  
 APPROVED BY: JMH  
 CHECKED BY: JMS  
 DATE: SEPTEMBER, 2019

STORM WATER  
 POLLUTION  
 PREVENTION PLAN

PROJECT NO. 50082925

C2

SHEET NO.



**SURVEYOR'S NOTES:**

- BEARINGS SHOWN HEREON ARE REFERENCED TO FLORIDA STATE PLANE COORDINATES, NORTH ZONE, NAD 1983/2011, U.S. SURVEY FEET, ESTABLISHED WITH SPECTRA PRECISION EPOCH 80 GNSS RTK GPS SYSTEM, TOGETHER WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION PERMANENT REFERENCE NETWORK (FPRN).
- VERTICAL DATUM SHOWN HEREON IS REFERENCED TO BENCHMARK NO. 2, A 600 NAIL IN WEST FACE OF A 24" OAK TREE, ELEVATION 106.94' AS SHOWN ON A SURVEY BY JOHNSON SURVEYORS, INC. FOR GULF POWER COMPANY, JOB NO. 3414 AND DATED JULY 20, 2001.
- THIS SURVEY, MAP, AND REPORT IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- SOURCE OF INFORMATION: BOUNDARY & TOPOGRAPHIC SURVEY BY JOHNSON SURVEYORS, INC. (SEE NOTE 2).
- NO TITLE SEARCH, TITLE OPINION OR ABSTRACT WAS PERFORMED BY, NOR PROVIDED TO DEWBERRY FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, ENCROACHMENTS, RIGHT-OF-WAYS, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
- NO UNDERGROUND UTILITIES, UTILITY LINES, FOUNDATIONS, OR OTHER UNDERGROUND STRUCTURES HAVE BEEN LOCATED BY DEWBERRY, EXCEPT AS SHOWN.
- NO ATTEMPT HAS BEEN MADE BY DEWBERRY TO LOCATE OR DETERMINE ENVIRONMENTAL WETLAND LINES, IF ANY EXIST.
- THE SURVEY DEPICTED HEREON WAS PREPARED IN ACCORDANCE WITH THE STANDARD OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS AS DEFINED IN CHAPTERS 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.

**LEGAL DESCRIPTION**

THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE WEST 1/2 OF THE WEST 1/2 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 14, TOWNSHIP 3 NORTH, RANGE 7 WEST, JACKSON COUNTY, FLORIDA.

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

**NOTES:**

- NOTIFY SUNSHINE UTILITIES 48 HOURS (2 WORKING DAYS) IN ADVANCE PRIOR TO DIGGING WITHIN PROJECT LIMITS. 1-800-432-4770.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH SOIL UNLESS OTHERWISE NOTED ON THE PLANS.

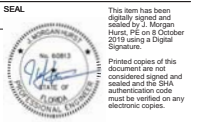
**SYMBOLS & ABBREVIATIONS:**

L.B. = LICENSED BUSINESS  
 INV. = INVERT  
 ELEV. = ELEVATION  
 C.P.P. = CORRUGATED PLASTIC PIPE  
 ID. = IDENTIFICATION  
 T.B. = TEMPORARY BENCHMARK  
 -10' = CONTOUR ELEVATION AT 1' INTERVALS



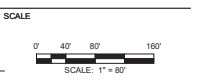
Dewberry Engineers Inc.  
 203 Aberdeen Parkway  
 Panama City, FL 32405  
 850.522.0644

**GULF POWER SINAI SUBSTATION  
 EXPANSION &  
 STORMWATER MODIFICATIONS**  
 GULF POWER COMPANY  
 SNEADS, FLORIDA



J. MORGAN HURST, P.E. 60813  
 EB 008754

PRELIMINARY DOCUMENTS  
 NOT FOR CONSTRUCTION



**REVISIONS**

NO.	DESCRIPTION	DATE

DRAWN BY \_\_\_\_\_ MLM  
 APPROVED BY \_\_\_\_\_ JMH  
 CHECKED BY \_\_\_\_\_ JMS  
 DATE \_\_\_\_\_ SEPTEMBER, 2019

**EXISTING CONDITIONS AND SITE SURVEY**

PROJECT NO. 50089295

**C3**

SHEET NO.

October 6, 2019 (10:11:00 EST)  
 DRAWING NAME: E:\0089295\Drawings\CHANGES\CHANGES\SUBSTATION\_EXPANSION\PRODUCTS\SUBSTATION\_EXPANSION\_SITE\_PLANNING\_CS\_EX\_COND\_BF\_MASTER

**GULF POWER SINAI SUBSTATION  
EXPANSION &  
STORMWATER MODIFICATIONS  
GULF POWER COMPANY  
SNEADS, FLORIDA**

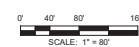
SEAL



J. MORGAN HURST, P.E. 60813  
EB 0008754

PRELIMINARY DOCUMENTS  
NOT FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

DRAWN BY MLM

APPROVED BY JMH

CHECKED BY JMS

DATE SEPTEMBER, 2019

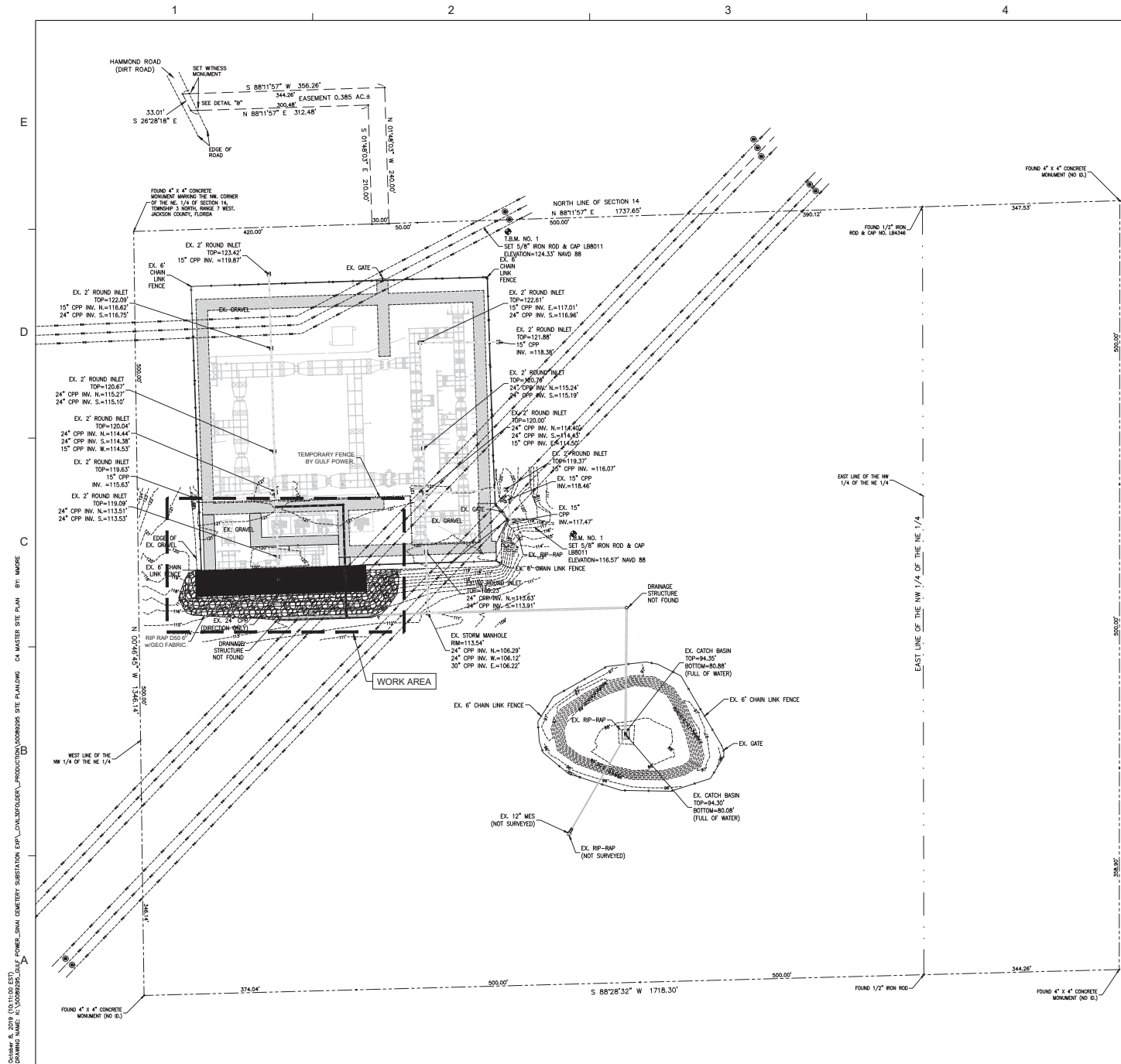
TITLE

**MASTER SITE  
PLAN WITH  
IMPROVEMENTS**

PROJECT NO. 50089295

**C4**

SHEET NO.



**PROJECT DATA**

DESCRIPTION	UNIT	PROVIDED INTENSITY	ALLOWABLE INTENSITY
TOTAL PROPERTY	53.57 ACRES	N/A	N/A
EXISTING CONDITIONS			
IMPERVIOUS (GRAVEL)	7.32 ACRES	13.70%	60%
PERVIOUS	46.25 ACRES	86.30%	40%
PROPOSED CONDITIONS			
IMPERVIOUS (GRAVEL)	7.63 ACRES	14.30%	60%
PERVIOUS	45.94 ACRES	85.70%	40%
PROJECT SITE	13.08 ACRES	N/A	N/A
EXCAVATION	0 CF	N/A	N/A
FILL	1,387.12 CY	N/A	N/A

**ZONING**

DESCRIPTION	ZONING DISTRICT	EXISTING LAND USE	PROPOSED LAND USE
PROPERTY	AG-1	CEMETARY/ VACANT	CEMETARY/ VACANT
NORTH OF PROPERTY	AG-1	VACANT	VACANT
SOUTH OF PROPERTY	AG-1	VACANT	VACANT
EAST OF PROPERTY	AG-1	VACANT	VACANT
WEST OF PROPERTY	AG-1	VACANT	VACANT

- SYMBOLS & ABBREVIATIONS:**
- L.B. = LICENSED BUSINESS
  - INV. = INVERT
  - ELEV. = ELEVATION
  - C.P.P. = CORRUGATED PLASTIC PIPE
  - ID. = IDENTIFICATION
  - ⊙ = TEMPORARY BENCHMARK
  - 10- = CONTOUR ELEVATION AT 1' INTERVALS

October 6, 2019 (10:01:00 EST)  
DRAWING NAME: E:\008929\50089295\GULF\_POWER\SINAI\_CEMETARY\_SUBSTATION\_EXPANSION\_STORMWATER\_MODIFICATIONS\_SITE\_PLANNING\_C4\_MASTER\_SITE\_PLAN\_BY\_MLH.DWG



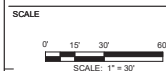
**GULF POWER SINAL SUBSTATION  
EXPANSION &  
STORMWATER MODIFICATIONS  
GULF POWER COMPANY  
SNEADS, FLORIDA**

SEALED



J. MORGAN HURST, P.E. 60813  
EB 0008754

PRELIMINARY DOCUMENTS  
NOT FOR CONSTRUCTION



NO.	DESCRIPTION	DATE

DRAWN BY: MLM  
APPROVED BY: JMH  
CHECKED BY: JMS  
DATE: SEPTEMBER, 2019

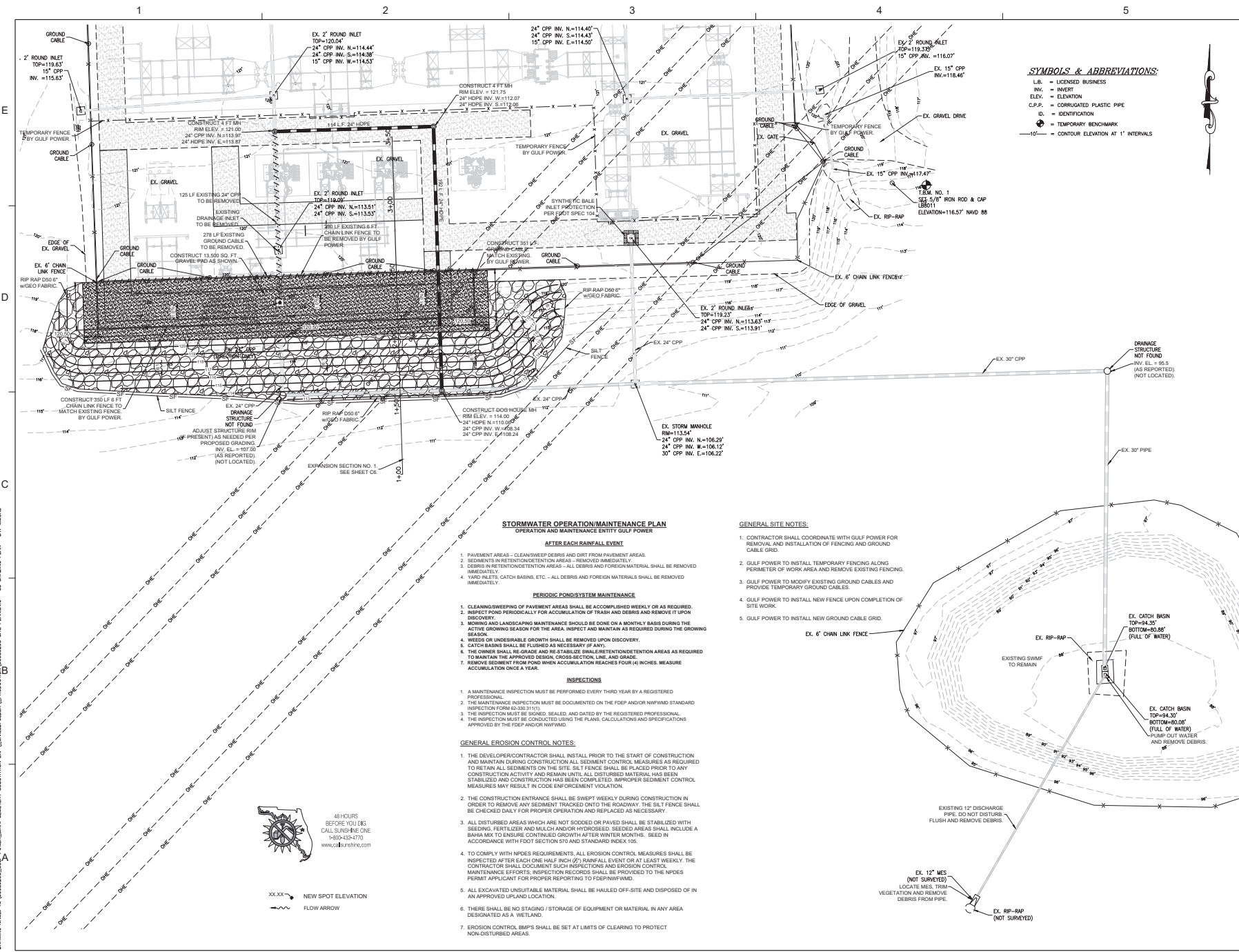
TITLE

**GRADING PLAN**

PROJECT NO. 50082925

**C5**

SHEET NO.



**STORMWATER OPERATION/MAINTENANCE PLAN**  
OPERATION AND MAINTENANCE ENTITY GULF POWER

**AFTER EACH RAINFALL EVENT**

- PAVEMENT AREAS - CLEANWEEP DEBRIS AND DIRT FROM PAVEMENT AREAS.
  - SEDIMENTS IN RETENTION/DETENTION AREAS - REMOVED IMMEDIATELY.
  - DEBRIS IN RETENTION/DETENTION AREAS - ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED IMMEDIATELY.
  - YARD INLETS, CATCH BASINS, ETC. - ALL DEBRIS AND FOREIGN MATERIALS SHALL BE REMOVED IMMEDIATELY.
- PERIODIC POND/SYSTEM MAINTENANCE**
- CLEANING/DEBRISING OF PAVEMENT AREAS SHALL BE ACCOMPLISHED WEEKLY OR AS REQUIRED.
  - INSPECT POND PERIODICALLY FOR ACCUMULATION OF TRASH AND DEBRIS AND REMOVE IT UPON DISCOVERY.
  - MOWING AND LANDSCAPING MAINTENANCE SHOULD BE DONE ON A MONTHLY BASIS DURING THE ACTIVE GROWING SEASON FOR THE AREA. INSPECT AND MAINTAIN AS REQUIRED DURING THE GROWING SEASON.
  - WEEDS OR UNSPECIFIABLE GROWTH SHALL BE REMOVED UPON DISCOVERY.
  - CATCH BASINS SHALL BE FLUSHED AS NECESSARY (IF ANY).
  - THE OWNER SHALL RE-GRADE AND RE-STABILIZE SMALLER RETENTION/DETENTION AREAS AS REQUIRED TO MAINTAIN THE APPROVED DESIGN, CROSS-SECTION, LINE, AND GRADE.
  - REMOVE SEDIMENT FROM POND WHEN ACCUMULATION REACHES FOUR (4) INCHES. MEASURE ACCUMULATION ONCE A YEAR.

**INSPECTIONS**

- A MAINTENANCE INSPECTION MUST BE PERFORMED EVERY THIRD YEAR BY A REGISTERED PROFESSIONAL.
- THE MAINTENANCE INSPECTION MUST BE DOCUMENTED ON THE DEP AND/OR NFWMD STANDARD INSPECTION FORM GD-330.31(1).
- THE INSPECTION MUST BE BOUND, SEALED, AND DATED BY THE REGISTERED PROFESSIONAL.
- THE INSPECTION MUST BE CONDUCTED USING THE PLANS, CALCULATIONS AND SPECIFICATIONS APPROVED BY THE DEP AND/OR NFWMD.

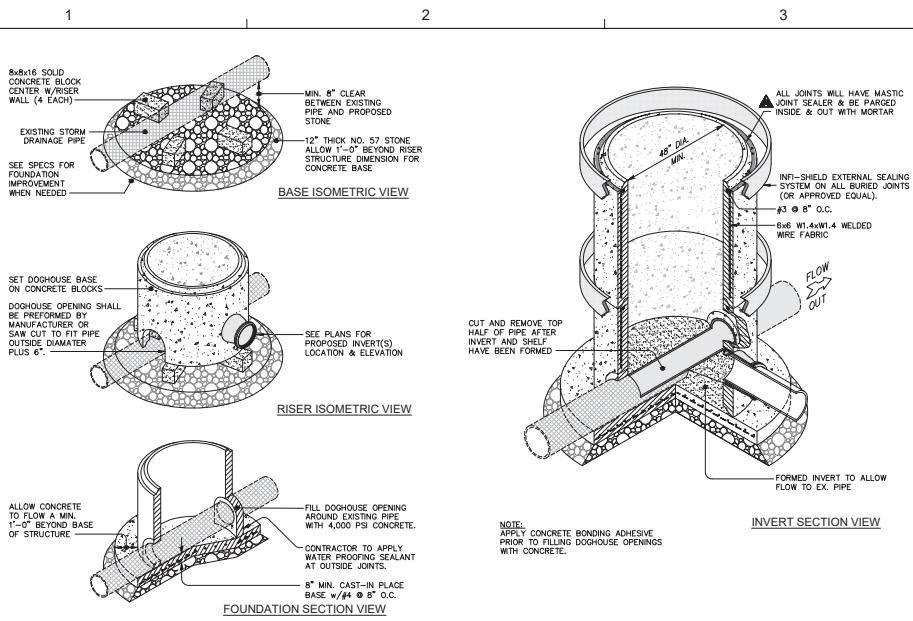
**GENERAL EROSION CONTROL NOTES:**

- THE DEVELOPER/CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. SILT FENCE SHALL BE PLACED PRIOR TO ANY CONSTRUCTION ACTIVITY AND REMAIN UNTIL ALL DISTURBED MATERIAL HAS BEEN STABILIZED AND CONSTRUCTION HAS BEEN COMPLETED. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
- THE CONSTRUCTION ENTRANCE SHALL BE SWEEPED WEEKLY DURING CONSTRUCTION IN ORDER TO REMOVE ANY SEDIMENT TRACKS ONTO THE ROADWAY. THE SILT FENCE SHALL BE CHECKED DAILY FOR PROPER OPERATION AND REPLACED AS NECESSARY.
- ALL DISTURBED AREAS WHICH ARE NOT SOODED OR PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH AND/OR HYDROSEED. SEEDING AREAS SHALL INCLUDE A BANNA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS. SEED IN ACCORDANCE WITH FDOT SECTION 570 AND STANDARD INDEX 105.
- TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH ONE HALF INCH (0.5) RAINFALL EVENT OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS. INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES PERMIT APPLICANT FOR PROPER REPORTING TO FDEP/NFWMD.
- ALL EXCAVATED UNSUITABLE MATERIAL SHALL BE HALLED OFF-SITE AND DISPOSED OF IN AN APPROVED UPLAND LOCATION.
- THERE SHALL BE NO STAGING / STORAGE OF EQUIPMENT OR MATERIAL IN ANY AREA DESIGNATED AS A WETLAND.
- EROSION CONTROL BMP'S SHALL BE SET AT LIMITS OF CLEARING TO PROTECT NON-DISTURBED AREAS.

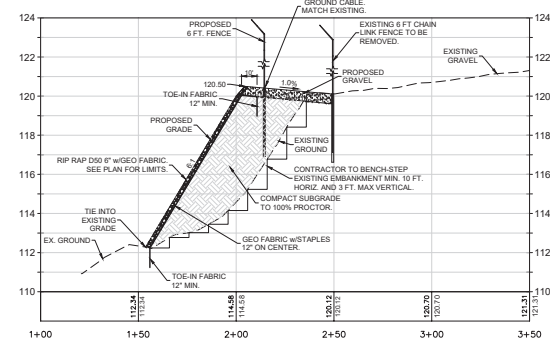
**GENERAL SITE NOTES:**

- CONTRACTOR SHALL COORDINATE WITH GULF POWER FOR REMOVAL AND INSTALLATION OF FENCING AND GROUND CABLE GRID.
- GULF POWER TO INSTALL TEMPORARY FENCING ALONG PERIMETER OF WORK AREA AND REMOVE EXISTING FENCING.
- GULF POWER TO MODIFY EXISTING GROUND CABLES AND PROVIDE TEMPORARY GROUND CABLES.
- GULF POWER TO INSTALL NEW FENCE UPON COMPLETION OF SITE WORK.
- GULF POWER TO INSTALL NEW GROUND CABLE GRID.

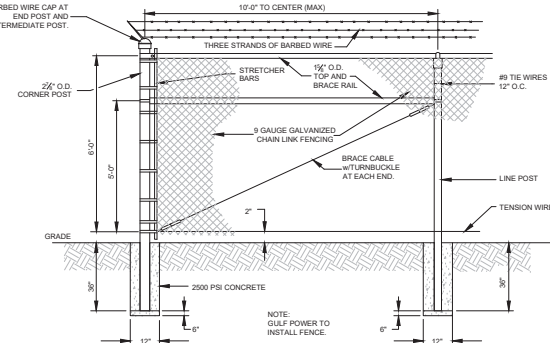
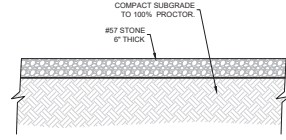
October 6, 2019 (10:11:02 EST)  
DRAWING NAME: E:\080829\080829\080829\SUBSTATION\_EXP\_C6\190929\080829\PRODUCTS\080829\080829 SITE PLAN\DWG GRADING SEC & DETAILS (BY: MARK C)



**DOGHOUSE MANHOLE DETAIL**  
NO SCALE



- NOTES:**
- CLEAR AND GRUB EXISTING SURFACE TO REMOVE VEGETATION AND TOPSOIL FROM EXISTING SLOPE PRIOR TO PLACEMENT OF FILL MATERIAL.
  - FILL TO BE PLACED IN 12 INCH LIFTS AND COMPACTED TO 100% STANDARD PROCTOR.



**6 FT CHAIN LINK FENCE w/ 3-STRAND BARBED WIRE**  
NO SCALE

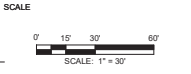


Dewberry Engineers Inc.  
203 Aberdeen Parkway  
Panama City, FL 32405  
850.522.0644

**GULF POWER SINAI SUBSTATION  
EXPANSION &  
STORMWATER MODIFICATIONS  
GULF POWER COMPANY  
SNEADS, FLORIDA**

**SEAL**  
This item has been digitally signed and sealed by J. Morgan Hurst, P.E. on 8 October 2019 using a Digital Signature.  
Printed copies of this document are not considered signed and sealed until the digital authentication code must be verified on any electronic copies.  
J. MORGAN HURST, P.E. 60813  
EB 0008754

**PRELIMINARY DOCUMENTS  
NOT FOR CONSTRUCTION**



**REVISIONS**

NO.	DESCRIPTION	DATE

**DRAWN BY:** MLM  
**APPROVED BY:** JMH  
**CHECKED BY:** JMS  
**DATE:** SEPTEMBER, 2019

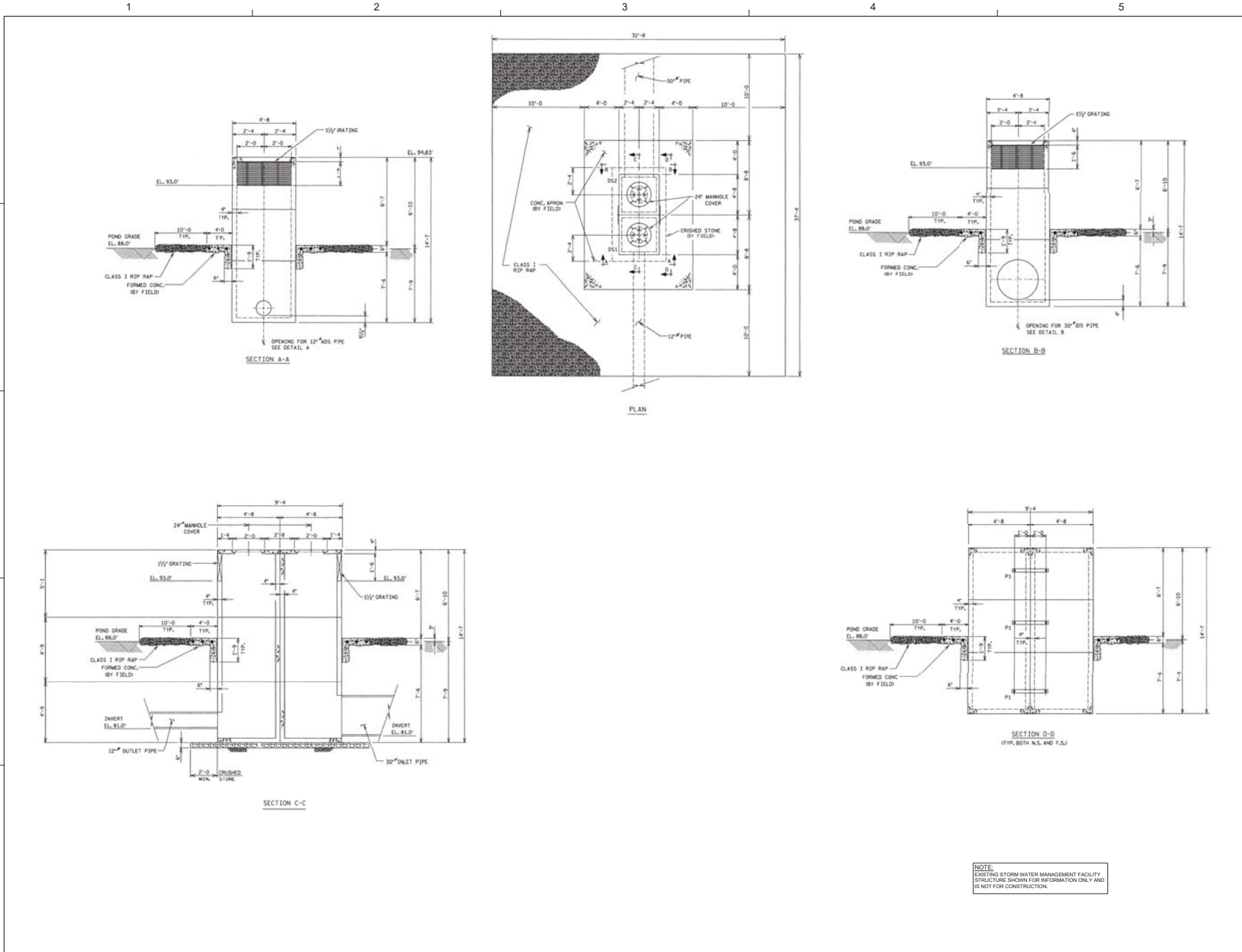
**GRADING  
SECTION &  
DETAILS**

**PROJECT NO.** 5008295

**C6**

**SHEET NO.**

October 6, 2019 (041013Z2019)  
 DRAWING NAME: \\S:\30000\30000\PROJECTS\2019\2019-07-25\30000\DWG\EXISTING SWMF DETAILS.DWG  
 October 6, 2019 (041013Z2019)  
 DRAWING NAME: \\S:\30000\30000\PROJECTS\2019\2019-07-25\30000\DWG\EXISTING SWMF DETAILS.DWG  
 October 6, 2019 (041013Z2019)  
 DRAWING NAME: \\S:\30000\30000\PROJECTS\2019\2019-07-25\30000\DWG\EXISTING SWMF DETAILS.DWG

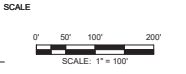


Dewberry Engineers Inc.  
 203 Aberdeen Parkway  
 Panama City, FL 32405  
 850.522.0644

GULF POWER SINAI SUBSTATION  
 EXPANSION &  
 STORMWATER MODIFICATIONS  
 GULF POWER COMPANY  
 SNEADS, FLORIDA

SEAL  
 This item has been digitally signed and sealed by J. Morgan Hurst, P.E. on 8 October 2019 using a Digital Signature.  
 Printed copies of this document are no longer considered signed and sealed and the digital authentication code must be verified on any electronic copies.  
 J. MORGAN HURST, P.E. 60813  
 EB 0008754

PRELIMINARY DOCUMENTS  
 NOT FOR CONSTRUCTION



REVISIONS		
NO.	DESCRIPTION	DATE

DRAWN BY: MLM  
 APPROVED BY: JMH  
 CHECKED BY: JMS  
 DATE: SEPTEMBER, 2019

TITLE  
 EXISTING SWMF  
 DETAILS

PROJECT NO. 5008295

SHEET NO. D1

NOTE:  
 EXISTING STORM WATER MANAGEMENT FACILITY  
 STRUCTURE SHOWN FOR INFORMATION ONLY AND  
 IS NOT FOR CONSTRUCTION.

1

2

3

4

5

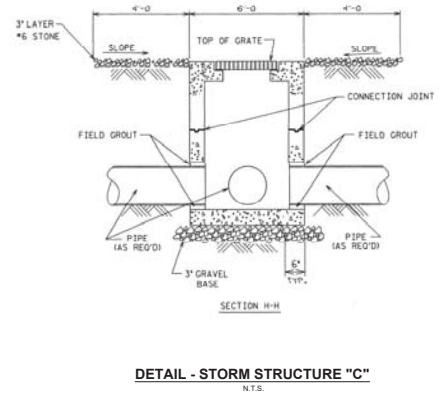
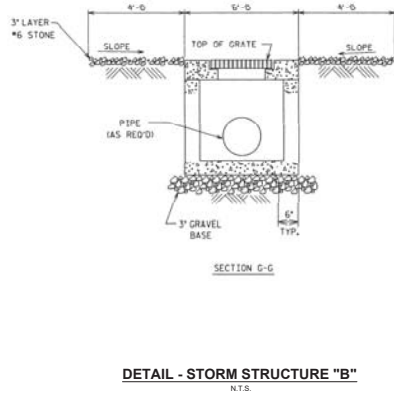
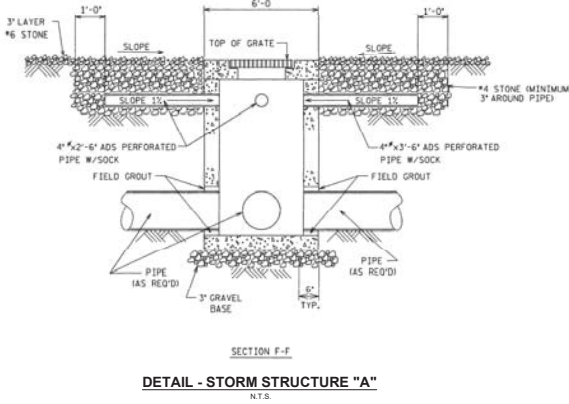
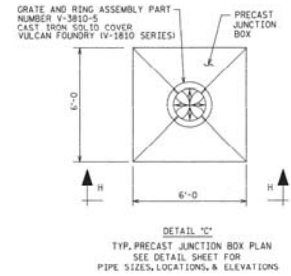
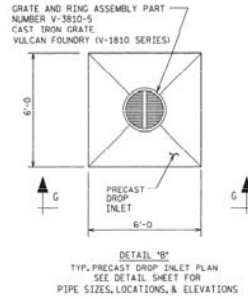
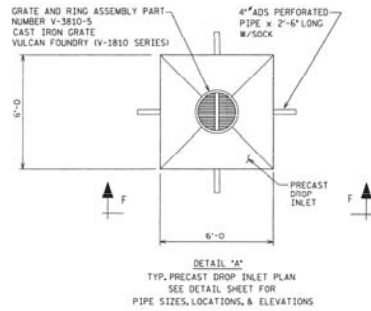
E

D

C

B

A



Dewberry Engineers Inc.  
 203 Aberdeen Parkway  
 Panama City, FL 32405  
 850.522.0644

**GULF POWER SINAL SUBSTATION  
 EXPANSION &  
 STORMWATER MODIFICATIONS  
 GULF POWER COMPANY  
 SNEADS, FLORIDA**

SEAL



This item has been digitally copied and sealed by J. Morgan Hurst, P.E. on 8 October 2019 using a Digital Signature.  
 Printed copies of this document are not considered signed and sealed and the digital authentication code must be verified on any electronic copies.

J. MORGAN HURST, P.E. 60813  
 EB 0008754

PRELIMINARY DOCUMENTS  
 NOT FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: \_\_\_\_\_ MILM  
 APPROVED BY: \_\_\_\_\_ JMH  
 CHECKED BY: \_\_\_\_\_ JMS  
 DATE: \_\_\_\_\_ SEPTEMBER, 2019

TITLE  
**DRAINAGE  
 DETAILS**

PROJECT NO. 5008295

**D2**

SHEET NO.

October 6, 2019 (10/13/2019 10:37)  
 DRAWING NAME: \\S:\082819\082819.DWG

I. Demolition Plan

Some existing surface improvements and existing storm structures will be demolished as part of the construction activities.

J. Responsible Parties

The responsible legal party for monitoring, submitting the notice of construction commencement and submitting the as-built certification for project completion is the applicant. Portions of this work will be delegated to others for completion. The anticipated party that will be delegated the responsibility for these items is contained in the following table.



Description	Responsible Party
Construction Monitoring	Gulf Power
Notice of Construction Commencement	Dewberry Engineers
As-built Certification	Dewberry Engineers

## OPERATION & MAINTENANCE

A. Legal Authorization

The project site and facilities are owned by a single entity. Said entity will be responsible for operation and maintenance. No easements or rights of way are necessary for access.

B. Stormwater Collection System

- 1) Stormwater inlets should be inspected on an annual cycle and following significant rainfall events. Debris and sediments should be removed.
- 2) Pipe systems should be inspected annually for debris and sediments. Debris and sediments should be removed.

C. Retention/Detention Basins (Ponds)

- 1) Basins should be inspected once every five years and following significant rainfall events for deposition of debris and sediments, erosion, and health of stabilizing vegetation. Deficiencies should be corrected.
- 2) Control structures should be inspected once every five years and following significant rainfall events for blockages, debris and sediments. Deficiencies should be corrected.
- 3) Conduct site operations to prohibit discharges of foreign materials into basins including yard clippings, landscape mulch and soils. Do not sweep or wash sediments and other materials from pavement areas into basins. Utilize vacuum trucks and street cleaning services for removal of such materials.
- 4) Once every five years, monitor performance of basins during a rainfall event of a minimum of 1-inch of rainfall within a 24-hour period. Note the amount and time length of rainfall, the maximum water level in the basin, and the amount of time for discharge of the water. Compare the results with other measured events. When performance has noticeably deteriorated, a professional evaluation should be performed to determine the necessary maintenance.
- 5) For dry retention/detention areas perform following activities.
  - a. Once every five years aerate soils and stabilizing vegetation using a spiked grass aerator.

COMPANY CONFIDENTIAL AND PROPRIETARY: Use or disclosure of data contained on this sheet is subject to restriction on the title page of this proposal.

- b. Once every 10 years, a hand auger boring or borings should be conducted in the bottom of the basin by a Professional Geotechnical Engineer to evaluate plugging of the underlying soils. Such other tests as recommended by the Geotechnical Engineer should be performed to verify the capabilities of the system.
- c. Once every fifteen years, removal of vegetation and the top layer of underlying soils should be removed and replaced unless annual monitoring dictates that such maintenance is not required. Soils placed within the basin should be tested to insure permeability rates match the underlying soils.

## REASONABLE ASSURANCE

The proposed design complies with the applicable criteria in AH.II.3 and, therefore, a presumption of reasonable assurance exists that the proposed development will not cause adverse impacts to on-site or off-site property. No site specific conditions exist that would negate this presumption

a. Water Quality Impacts

The project will not cause adverse water quality impacts or water quality standard violations to receiving waters and adjacent lands. Discharge from facility is designed to comply with regulatory requirements for treatment. No untreated runoff will be discharged from facilities

b. Water Quantity/Flood Impacts

The project will not cause adverse flooding to on-site or off-site property. The proposed project will not increase rates of discharge off-site.

c. Surface Water Impacts

The project will not cause adverse impacts to surface waters including storage and conveyance capabilities: The proposed project discharges to an open basin and does not reduce available storage or conveyance

d. Flora and Fauna Impacts

The project will not cause adverse impacts to wetlands or surface waters that would adversely impact those functions provided to fauna and listed flora. No untreated discharges to wetlands will occur as a result of the project. No known threatened and endangered species are located within or in proximity to the site.

e. Secondary Impacts

The project will not cause adverse secondary impacts to water resources including the maintenance of surface or ground water levels or surface water flows.

f. Function

The facilities will be capable, based on generally accepted engineering and scientific principles, of being constructed and functioning as designed and permitted

g. Legal Entity

The facility operation will be conducted by an entity with the financial, legal, and administrative capability of ensuring that the activity will be undertaken in accordance with the terms and conditions of the permit.

h. Special Requirements

The project complies with special basin or geographic criteria rules established in AH.II.9 and AH.II.17. The project does not use swales for treatment. However, the project is within applicable Sensitive Karst Area as shown on AH.II Figure 17.0-1 or listed in Appendix A thereof. Since the existing SWMF will not be modified as part of the proposed