



# **Polk Power Station**

## **Demineralized Water System Tank Addition**

**Site Certification Amendment  
No. PA 92-32**



**December 2025**

## **Petition Letter**

## **62-330.060(1) Application Forms**

Section A  
Section C

## **Attachments**

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| C | Civil Cover Sheet, Drawing List                    |
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# 62-330.060(1) APPLICATION FORMS

## SECTION A

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**Application for  
Individual and Conceptual Approval  
Environmental Resource Permit,  
State 404 Program Permit,  
and Authorization to Use State-Owned  
Submerged Lands**

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Florida Department of Environmental Protection/

Water Management Districts

Effective December 22, 2020



## Instructions for Use of This Form:

This form is designed to assist you in submitting a complete application. All applications must include Section A- General Information for All Activities. Sections B through H list typical information that is needed based on the proposed activities and are only required as applicable. Part 1-C of Section A will guide you to the correct sections needed based on your proposed activities. Applicants are advised to consult Chapter 62-330, F.A.C., and the Environmental Resource Permit Applicant's Handbook Volumes I and II for information regarding the ERP permitting process and requirements while preparing their application. Internet addresses for Chapter 62-330, F.A.C., and the Applicant's Handbook, Agency contact information, and additional instructions for this form can be found in Attachment 1.

## What Sections of the Application Must I Fill Out?

| Type of Activity                                                                    | Section A | Section B | Section C    | Section D | Section E    | Section F    | Section G | Section H | Section I               |
|-------------------------------------------------------------------------------------|-----------|-----------|--------------|-----------|--------------|--------------|-----------|-----------|-------------------------|
| Fill in wetlands or waters for a single family residence?                           | Y         | Y         | N            | N         | N            | N            | N         | N         | Y, if in assumed waters |
| Docks, shoreline stabilization, seawalls associated with a single family residence? | Y         | Y         | N            | N         | N            | Y, as needed | N         | N         | Y, if in assumed waters |
| Wetland impacts (other than association with an individual residence)?              | Y         | N         | Y            | N         | N            | N            | N         | N         | Y, if in assumed waters |
| Boating facilities, a marina, jetty, reef, or dredging?                             | Y         | N         | Y            | Y         | N            | Y, as needed | N         | N         | Y, if in assumed waters |
| Any work on state owned submerged land?                                             | Y         | N         | Y            | N         | N            | Y            | N         | N         | Y, if in assumed waters |
| Construction of a stormwater management system?                                     | Y         | N         | Y, as needed | N         | Y            | N            | N         | N         | N                       |
| Constructing a mitigation bank?                                                     | Y         | N         | Y            | N         | Y, as needed | N            | Y         | N         | Y, if in assumed waters |
| Creating a mine?                                                                    | Y         | N         | Y, as needed | N         | N            | N            | N         | Y         | Y, if in assumed waters |

**If you have any questions, or would like assistance completing this form, please contact the staff of the nearest office of either the Florida Department of Environmental Protection (DEP) or a Water Management District (WMD) (see Attachment 2).**

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## Section A: General Information for All Activities

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### Part 1: Name, Application Type, Location, and Description of Activity

A. Name of project, including phase if applicable:

**TEC Polk Power Station New Demineralized Water System Tank Addition**

B. This is for (check all that apply):

- ☐ Construction and operation of **new** works, activities, and/ or a stormwater management system
- ☐ **Conceptual Approval** of proposed works, activities and/ or a stormwater management system
- ☒ Modification or alteration of **existing** works, activities, and/or a stormwater management system. Provide the existing DEP or WMD permit #, if known: **PA 92-32** Note: Minor modifications do not require completion of this form, and may instead be requested by letter in accordance with section 6.2 of Applicant's Handbook Volume I.
- ☐ **Maintenance or repair** of works, activities, and/ or a stormwater management system previously permitted by the DEP or WMD. Provide existing permit #, if known:
- ☐ Abandonment or removal of works, activities, and/ or a stormwater management system.  
Provide existing DEP or WMD permit #, if known:
- ☐ Operation of an **existing unpermitted** work, activity, and/or stormwater management system.
- ☐ Construction of additional phases of a permitted work, activity, or system.  
Provide the existing DEP or WMD permit #, if known:
- ☐ A State 404 Program authorization:
  - ☐ Exemption    ☐ General Permit    ☐ Individual PermitIf requesting an Exemption or General Permit provide Rule #, if known:

☐ **By checking this box**, I hereby voluntarily waive, in accordance with Rule 62-330.090(8), F.A.C., the agency action deadlines in section 5.5.3 of Volume I in the event my project also requires a State 404 Program authorization (other than an exemption) under Chapter 62-331, F.A.C., and request that the agency actions for the ERP and State 404 Program authorizations be issued at the same time. (This is strongly recommended to ensure consistency, and to reduce the potential need for project modifications to resolve inconsistencies that may occur when the agency actions are issued at different times.) If this box is checked and the Agency(ies) determines that no State 404 Program authorization is required, the Agency will continue to abide by section 5.5.3 of Volume I.

C. List the type of activities proposed. Check all that apply, and provide the supplemental information requested in each of the referenced application sections. Please also reference Applicant's Handbook Volumes I and II for the type of information that may be needed.

- ☐ Activities associated with one single-family residence, duplex, triplex, or quadruplex that do not qualify for an exemption or a General Permit: **Provide the information requested in Section B. Do not complete Section C.**
- ☒ Activities within wetlands or surface waters, or within 25 feet of a wetland or surface water, (not including the activities associated with an individual single-family residence). Examples include dredging, filling, outfall structures, docks, piers, over-water structures, shoreline stabilization, mitigation, reclamation, and restoration/enhancement. **Provide the information requested in Section C.**
- ☐ Activities within navigable or flowing surface waters such as a multi-slip dock or marina, dry storage facility, dredging, bridge, breakwaters, reefs, or other offshore structures: **In addition to Section C, also provide the information requested in Section D.**
- ☐ Activities that are (or may be) located within, on, or over state-owned submerged lands (See Chapter 18-21, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=18-21>): **In addition to Section B or C, also provide the information requested in Section F.**
- ☐ Construction or alteration of a stormwater management system serving residential, commercial, transportation, industrial, agricultural, or other land uses, or a solid waste facility (excluding mines that are regulated by DEP). **Provide the information requested in Section E.**
- ☐ Creation or modification of a Mitigation Bank (refer to Chapter 62-342, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-342>): **Provide the information requested in Section G.**
- ☐ Mines (as defined in Section 2.0 of Applicant's Handbook Volume I) that are regulated by the DEP: **Provide the information requested in Section H.**
- ☐ Other, describe: Please contact the Agency to determine which additional sections of the application are needed. See Attachment 2 for Agency contacts.

D. Describe in general terms the proposed project, system, works, or other activities. For permit modifications, please briefly describe the changes requested to the permit:

**Tampa Electric Company (TEC) proposes to install and operate a new demineralized water tank at the existing Polk Power Station facility.**

E. Project/Activity Street/Road Address or other location (if applicable): **9995 State Road 37 South**  
City: **Mulberry** County(ies): **Polk** Zip: **33860**

Note: For utility, road, or ditch/canal activities, provide a starting and ending point using street names and nearest house numbers or provide length of project in miles along named streets or highways.

**Form 62-330.060(1)** - Application for Individual and Conceptual Approval Environmental Resource Permit, State 404 Program Permit, and Authorization to Use State-Owned Submerged Lands

Incorporated by reference in subsection 62-330.060(1), F.A.C. (effective date: December 22, 2020)

- F. Project location map and Section, Township, and Range information (use additional sheets if needed):

**Please attach a location map showing the location and boundaries of the proposed activity in relation to major intersections or other landmarks. The map should also contain a north arrow and a graphic scale; show Section(s), Township(s), and Range(s); and must be of sufficient detail to allow a person unfamiliar with the site to find it. Please refer to Figure 1 Project Vicinity Map.**

Section(s): **2** Township: **32** Range: **23** Land Grant name, if applicable:  
Section(s): Township: Range:

1. Section(s): Township: Range:

- G. Latitude (DMS) **27° 43' 28.16"** Longitude (DMS) **81° 59' 9.36"** (Taken from central location of the activity). Explain source for obtaining latitude and longitude (i.e. U.S.G.S. Quadrangle Map, GPS, online resource): **Google Earth**

- H. Tax Parcel Identification Number(s): **23-32-02-000000-012010**

[Number may be obtained from property tax bill or from the county property appraiser's office; if on multiple parcels, provide multiple Tax Parcel Identification Numbers]

- I. Directions to Site (from major roads; include distances and landmarks as applicable):

**From the City of Mulberry, head south on State Road 37, approximately 12 miles. Arrive at the entrance of Polk Power Station.**

- J. Project area or phase area: **± 16.86 acres**

- K. Name of waterbody(ies) (if known) in which activities will occur or into which the system will discharge:

**Unnamed tributary to Little Payne Creek.**

**The following questions (M-O) are not applicable to activities related to an individual single-family residence, including a dock, pier, and/or seawall associated with that residence.**

- L. Is it part of a larger plan of development or sale? ☐ yes ☒ no

- M. Impervious or semi-impervious area excluding wetlands and other surface waters (if applicable):

**± 3.57 acres or 155,509.2 square feet  
(0.62 acres of this acreage is for demineralized water tank)**

- MI. Volume of water the system is capable of impounding (if applicable): **Not Applicable.**

Normal Pool:            acre-feet. Depth            ft.  
Maximum Pool:            acre-feet. Depth            ft.

## Part 2: Supplemental Information, and Permit History

- A. Is this an application to modify an existing Environmental Resource Permit or to construct or implement part of a multi-phase project, such as a project with a Conceptual Approval permit? ☐ Yes ☐ No (If you answered "yes", please provide permit numbers below):

| Agency                             | Date | Permit/Application No. | Project Name       |
|------------------------------------|------|------------------------|--------------------|
| FDEP Siting<br>Coordination Office | 1994 | PA 92-32               | Polk Power Station |
|                                    |      |                        |                    |
|                                    |      |                        |                    |
|                                    |      |                        |                    |
|                                    |      |                        |                    |

- B. Indicate if there have been any **pre-application meeting(s)** with the DEP, WMD, or delegated local government, or other discussions, meetings, or coordination with other stakeholders or agencies about the proposed project, system or activity. If so, please provide the date(s), location(s) of the meeting, and the name(s) of Agency staff that attended the meeting(s):

| Agency | Date | Location | Meeting Attendees |
|--------|------|----------|-------------------|
|        |      |          |                   |
|        |      |          |                   |
|        |      |          |                   |
|        |      |          |                   |

- C. **Attach a depiction (plan and section views), which clearly shows the works or other activities proposed to be constructed.** Use multiple sheets, if necessary, a scale sufficient to show the location and type of works, and include a north arrow and a key to any symbols used. **Specific information to be included in the plans is based on the activities proposed and is further described in Sections B-H.** However, supplemental information may be required based on the specific circumstances or location of the proposed works or other activities. **Please see Attachments C through F.**
- D. Processing Fee: **Please submit the application processing fee along with this application form and supplemental information.** Processing fees vary based on the size of the activity, the type of permit applied for, and the reviewing Agency. Please reference Appendix D of Applicant's Handbook Volume I to determine the appropriate fee. **Application processing fee will be submitted under a separate cover.**

### Part 3: Applicant and Associated Parties Information

Instructions: Please complete the following sections. For corporations, list a person who is a registered agent or officer of the corporation who has the legal authority to bind the corporation.

#### A. Applicant (Entity Must Have Sufficient Real Property Interest)

☒ This is a Contact Person for Additional Information

Last Name: **Alcoz** First Name: **Adriano** Middle Initial:  
Title: **Manager, Environmental Permitting & Tanks** Company: **Tampa Electric Company**  
Address: **3600 Midtown Drive**  
City: **Tampa** State: **FL** Zip: **33607**  
Home Telephone: Work Telephone: **813-228-4843**  
Cell Phone: E-mail Address: **ajalcoz@tecoenergy.com**

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

#### B. Land Owner(S) (If Different or in Addition to Applicant)

☐ Check here if land owner is also a co-applicant

Last Name: First Name: Middle Initial:  
Title: Company:  
Address:  
City: State: Zip:  
Home Telephone: Work Telephone:  
Cell Phone: E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

#### C. Operation and Maintenance Entity(see Applicant's Handbook I, Section 12.3)

Last Name: First Name: Middle Initial:  
Title: Company:  
Address:  
City: State: Zip:  
Home Telephone: Work Telephone:  
Cell Phone: E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

#### D. Co-Applicant (If Different or In Addition to Applicant and Owner)

Last Name: First Name: Middle Initial:  
Title: Company:  
Address:  
City: State: Zip:



**mitigation areas (if applicable).** Refer to Sections 4.2.3(d)-(e) for sufficient real property interest documentation.

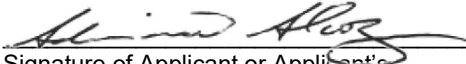
- b. For activities that require a recorded notice in accordance with rule 62-330.090(7), F.A.C., please provide either the complete legal description of the property or a copy of the pages of the document recorded in the public records that contains the complete legal description. If the land upon which the proposed activities are to occur is not owned by the applicant, the applicant must also provide copies of any right-of-way, leases, easements, or other legal agreement which authorizes the applicant to perform the activities on those lands.

#### **Part 4: Signatures and Authorization to Access Property**

Instructions: For multiple applicants please provide a separate Part 4 for each applicant. For corporations, the application must be signed by a person authorized to bind the corporation. A person who has sufficient real property interest (see Section 4.2.3(d) of Applicant's Handbook Volume I) is required in (B) to authorize access to the property, except when the applicant has the power of eminent domain.

**A.** By signing this application form, I am applying for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto does not relieve me of any obligation for obtaining any other required federal, state, water management district, or local permit prior to commencement of construction. I agree to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a different responsible operation and maintenance entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Adriano Alcoz  
Typed/Printed Name of Applicant or  
Applicant's Authorized Agent

  
Signature of Applicant or Applicant's  
Authorized Agent

December 9, 2025  
Date

Manager, Environmental Permitting & Tanks  
(Corporate Title if applicable)

#### **B. Certification of Sufficient Real Property Interest And Authorization For Staff To Access The Property:**

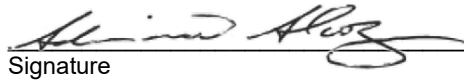
**I certify that:**

☒ **I possess sufficient real property interest in or control, as defined in Section 4.2.3 (d) of Applicant's Handbook Volume I**, over the land upon which the activities described in this application are proposed and I have legal authority to grant permission to access those lands. I hereby grant permission, evidenced by my signature below, for staff of the Agency to access, inspect, and sample the lands and waters of the property as necessary for the review of the proposed works and other activities specified in this application, upon advance notice. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review, inspection, and/or sampling. Further, if a permit is granted, upon advance notice, I agree to provide entry to the project site for such agents or personnel with proper identification to determine compliance with permit conditions and permitted plans and specifications.

**OR**

☐ I represent an entity having **the power of eminent domain and condemnation authority**, and I/we shall make appropriate arrangements to enable staff of the Agency to legally access, inspect, and sample the property as described above.

Adriano Alcoz  
Typed/Printed Name

  
Signature

December 9, 2025  
Date

Manager, Environmental Permitting & Tanks  
(Corporate Title if applicable)

**C. Designation of Authorized Agent (If Applicable):**

I hereby designate and authorize \_\_\_\_\_ to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

\_\_\_\_\_  
Typed/Printed Name of Applicant

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

(Corporate Title if applicable)

# 62-330.060(1) APPLICATION FORMS

## SECTION C

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## Section C: Supplemental Information for Works or Other Activities In, On, or Over Wetlands and/or Other Surface Waters

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Instructions: **This section is for applications that do not involve activities associated with an individual single-family residence, duplex, triplex, or quadruplex. For those activities, please use Section B.** This form is to be completed if the proposed work or activity will occur in, on, over, or within 25 feet of a wetland or other surface water. The supplemental information required by this section is in addition to the information required by Section A of the application.

### Part 1: Wetland or Other Surface Water Impact Summary

1. Describe the basic purpose of the project or activity: **The installation and operation of a new additional demineralized water tank at the existing Polk Power Station.**
2. Total area of work (dredging, filling, construction, alteration, or removal) in, on, or over wetlands or other surface waters:       sq. ft.; **0.03** ac.
3. Total volume of material to be dredged or filled in wetlands or other surface waters:
  - a. to be dredged:       cubic yards,
  - b. to be filled:       cubic yards.
4. Identify the seasonal high water level (SHWL) and wetland normal pool elevations for each wetland or surface water within the project site. For tidal wetlands and/or surface waters provide the elevation of mean high and mean low water. Include an aerial photograph showing the location of each sampling location, dates, datum, and methods used to determine these elevations.  
**Not Applicable.**
5. Name of waterbody(ies) (if applicable & if known) in which work will occur?  
**Unnamed ditch/manmade water conveyance.**
6. Is the activity proposed in an Outstanding Florida Water or Aquatic Preserve?  
☐ yes, name:       ☒ no       ☐ I don't know
7. Has there ever been a formal or informal wetland determination for the project site? If yes, provide the identifying number and/or a copy of the jurisdictional map.       **Not Applicable.**
8. Provide a map(s) of the project area and vicinity delineating USDA/NRCS soil types.  
**Please see Figure 3 – Soils Map.**
9. Provide recent aerials legible for photointerpretation (no photocopies) with a scale of 1" = 400 ft, or more detailed, with project boundaries and wetland boundaries delineated on the aerial.  
**Please see Figure 5 – Wetlands and Surface Waters Map.**



10. Provide maps accurately portraying the existing and proposed natural vegetative community types and land cover classifications using recognized classification schemes. Suggested sources include: the Florida Natural Areas Inventory Guide to the Natural Communities of Florida (2010) available at <http://www.fnai.org/naturalcommguide.cfm>, or the Florida Land Use and Cover Classification System (FLUCCS) (FDOT 1999, available at <http://www.dot.state.fl.us/surveyingandmapping/documentsandpubs/fluccmanual1999.pdf>). For vegetated areas dominated by exotic vegetation, use the descriptors representative of the native community type that was present prior to exotic infestation.

**Please see Figure 4 – Land Use Land Cover Map.**

11. Impact Summary Tables (located at the end of this section):
- For all projects, complete Table 1, 2 and 3 as applicable.  
**See Table 1. Tables 2 – 3 Not Applicable.**
  - For shoreline stabilization projects, provide the information requested in Table 4.  
**Not Applicable.**
12. If the activity is located on state owned submerged lands and requires a lease or easement, provide a list of names and addresses from the latest county tax assessment roll of all property owners located within a 500 ft. radius of the proposed lease or easement boundary in mailing label format, or you may elect to send notice to those persons by certified mail, with the return-receipt card addressed to the DEP or water management district, as applicable, in accordance with subsection 18-21.005(3), F.A.C., and Section 253.115, F.S. Attach additional sheets if necessary.

**Not Applicable.**

1. Name:  
Mailing Address:  
City, State, Zip Code:
2. Name:  
Mailing Address:  
City, State, Zip Code:
3. Name:  
Mailing Address:  
City, State, Zip Code:
4. Name:  
Mailing Address:  
City, State, Zip Code:
5. Name:  
Mailing Address:  
City, State, Zip Code:
6. Name:  
Mailing Address:  
City, State, Zip Code:

## Part 2: Environmental Considerations

Note: for many questions, a state statute/Applicant's Handbook Volume I (AH I)/State 404 Program Applicant's Handbook section is cited to assist the applicant in addressing these questions.

1. Elimination or Reduction of Impacts (Avoidance and Minimization). Describe measures taken to eliminate or reduce impacts to wetlands and other surface waters (*Refer to AH I Section 10.2.1*). **See Attachment A – Statement of Avoidance and Minimization of Impacts.**
2. Fish, Wildlife, Listed Species, and their Habitats. Provide results of any wildlife assessments that have been conducted on the project site and provide any comments, biological opinions, formal or informal consultation decisions, or recommended actions you have received pertaining to the project from the Florida Fish and Wildlife Conservation Commission, the U.S. Fish and Wildlife Service, and the National Marine Fisheries Service. (*Refer to AH I Section 10.2.2*).  
**The project location is a previously disturbed industrial site, not expected to provide suitable habitat for wildlife with the possible use as occasional foraging opportunities for wading birds.**
3. Water quantity impacts to wetlands and other surface waters (*Refer to AH I Section 10.2.2.4 and AH II*).
  - a. Does the activity include a proposed surface water management system with a control elevation different than the wetland normal pool elevation(s) of existing or proposed created wetlands or other surface waters? **Not Applicable.**
  - b. If yes to (a), provide documentation (e.g. drawdown assessment or other methods) that shows the proposed surface water management system will not change the hydroperiod of the existing or created wetland or other surface water. **Not Applicable.**
4. Public Interest Test. Please describe how the proposed activity will **not be contrary** to the public interest, OR if such an activity significantly degrades or is located within an Outstanding Florida Water (OFW), that the regulated activity will be **clearly in** the public interest (*Refer to AH I Section 10.2.3*). **Please see Attachment B – Public Interest Statement.**
  - a. Please describe how the project will be designed to avoid adverse effects to public health, safety, or the welfare or the property of others. **Please see Attachment B – Public Interest Statement.**
  - b. Please describe how the project will be designed to avoid adverse effects to the conservation of fish and wildlife, including endangered or threatened species, or their habitats.
  - c. Please describe how the project will be designed to avoid adverse effects to navigation or the flow of water or cause harmful erosion or shoaling. **Not Applicable.**
  - d. Please describe how the project will be designed to avoid adverse effects to the fishing or recreational values or marine productivity in the vicinity of the activity. **Not Applicable.**
  - e. Will the project be of a temporary or permanent nature? **Permanent.**
  - f. Please describe how the project will be designed to avoid adverse impacts to significant historical and archaeological resources, under the provisions of section 267.061, F.S. **Not Applicable.**

- g. Please describe how the project will be designed to avoid adverse effects to the current condition and relative value of functions being performed by areas affected by the proposed regulated activity. **Please see Attachment B – Public Interest Statement.**
5. Water Quality.  
Provide a description of how water quality will be maintained in wetlands and other surface waters that will be preserved or will remain undisturbed, both on and offsite. Please address both short-term (such as during construction) and long-term water quality considerations (*Refer to AH I Section 10.2.4*). **See Attachment E – Temporary Erosion and Sediment Control Plan.**
6. Class II Waters; Waters approved for shellfish harvesting (*Refer to AH I Section 10.2.5*).  
**Not Applicable.**
- a. Will the project occur in Class II that are NOT approved for shellfish harvesting? If yes, please provide a plan or procedure detailing the measures to be taken to meet the requirements of *AH I Section 10.2.5(a)*. **Not Applicable.**
- b. Is the project located adjacent to or in close proximity to Class II waters? If yes, please provide a plan or procedure detailing the measures to be taken to meet the requirements of *AH I Section 10.2.5(b)*. **Not Applicable.**
- c. Is the project located in Class II or Class III waters that are classified as “approved”, “restricted”, “conditionally approved”, or “conditionally restricted”? If yes, demonstrate that the project meets the requirements of *AH I Section 10.2.5(c)*. **Not Applicable.**
7. Vertical seawalls. Are vertical seawalls proposed in an estuary or lagoon as part of the project? If yes, please describe how the project meets the requirements of *AH I Section 10.2.6*. **Not Applicable.**
8. Secondary Impacts (*AH I Section 10.2.7*).
- a. Will an upland buffer, with a minimum width of 15' and an average width of 25', be provided between the proposed activities and existing wetlands or wetlands to be preserved, enhanced, restored, or created? Provide the location and dimension of all buffers on the plans. If not, demonstrate that secondary impacts will not occur or describe how they will be offset.
- b. If listed species are present or may be present, then coordination with wildlife agencies is needed. Have you coordinated with the FFWCC and/or USFWS? If so, please provide correspondence from the wildlife agencies indicating concurrence with the species management plan(s). **No. Coordination has not yet taken place with either FFWCC or USFWS.**
- c. What measures will be taken to avoid impacts to wetland-dependent wildlife and/or listed species that use uplands for nesting or denning? **A preconstruction survey will be conducted to confirm wildlife species are not nesting or denning in the proposed project footprint.**
- d. Describe whether there are any other relevant activities that are very closely linked and causally related to any proposed dredging or filling in wetlands or other surface waters that have the potential to cause impacts to significant historical and archaeological resources. **Not Applicable.**
- e. Are there additional future phases or extensions of the proposed activities that are not shown? If yes, please describe. **Not Applicable.**

9. Cumulative Impacts. Is the proposed mitigation located within the same drainage basin (*Refer to AH / Figures 10.2.8.1 – 10.2.8.5*) as the proposed wetland impacts? If not, please submit a Cumulative Impact Evaluation in accordance with *AH / Section 10.2.8*. **Not Applicable.**  
**Temporary construction impacts to the one surface water/manmade water conveyance ditch are not expected to require mitigation.**
10. Mitigation Plan (*Refer to AH / Section 10.3*). **Not Applicable.**
- a. If a mitigation bank is proposed to offset wetland/other surface water impacts, provide:
- i. the name of the bank: . A letter of reservation from the banker will be required once the application has been evaluated.
  - ii. If the mitigation bank was assessed using UMAM, provide UMAM worksheets for impact area(s). If the bank was assessed using a method other than UMAM, then prepare the impact assessment using the same method.
- b. If mitigation is proposed to offset wetland/other surface water impacts, please provide a mitigation plan that includes, at a minimum, the following: **Not Applicable.**
- i. ☐ Proposed mitigation narrative:
    - (1) ☐ Describe the current and proposed condition for each type of mitigation component (restoration, enhancement, creation, preservation), including:
      - (a) ☐ Describe current and proposed vegetation
      - (b) ☐ Describe current and proposed hydrologic conditions for the proposed mitigation.
      - (c) ☐ Describe the soil types from NRCS maps and confirm if actual soil conditions appear to match.
    - (2) ☐ Provide details of the proposed construction/mitigation activities including phasing and timing, as appropriate.
    - (3) ☐ Identify measures that will be implemented during and after construction to avoid adverse impacts related to the proposed activities.
    - (4) ☐ A mitigation implementation and monitoring schedule with dates.
    - (5) ☐ Identify the success criteria.
    - (6) ☐ Describe the anticipated site conditions in and around the mitigation area after the mitigation plan is successfully implemented.
    - (7) ☐ Provide a comparison of current fish and wildlife habitat to expected habitat after the mitigation plan is successfully implemented.
  - ii. ☐ Provide a Management Plan that includes, as appropriate, aspects of operation and maintenance, including water management practices, vegetation establishment, exotic and nuisance species control, fire management, and control of access.
  - iii. ☐ Maps:
    - (1) ☐ Soil map (include soil names/codes, hydrologic soil groups and hydric soil types).
    - (2) ☐ Topographic map of the mitigation area and adjacent contributing and receiving areas.
    - (3) ☐ Hydrologic features map of the mitigation area and adjacent contributing and receiving areas.
    - (4) ☐ Vegetative communities map (using FLUCCS or other appropriate classification system).
    - (5) ☐ For all maps, identify source.

- iv. Provide the necessary supporting information for the application of sections 62-345.400 - .600 (Uniform Mitigation Assessment Method (UMAM)). To meet this requirement, submittal of UMAM worksheets is acceptable for impact and mitigation areas. **Not Applicable.**
- v. If onsite and/or offsite applicant-responsible mitigation is proposed, submit a draft Conservation Easement document or other form of restrictive covenant that provides for protection of the mitigation area in perpetuity. Standard forms, as described in subsection 62-330.301(6), F.A.C., are available from the Agency or on its website.  
**Not Applicable.**
- vi. If onsite and/or offsite applicant-responsible mitigation is proposed, submit a cost estimate for completing the mitigation, including monitoring and maintenance.  
**Not Applicable.**
- vii. If onsite and/or offsite applicant-responsible mitigation is proposed and the proposed mitigation exceeds \$25,000, please provide a draft financial assurance document. Standard forms, as described in subsection 62-330.301(5), F.A.C., are available from the agency or on its website. **Not Applicable.**
- viii. Identify the entity responsible for monitoring, maintenance, and long-term stewardship of the mitigation area (i.e. the landowner or homeowner association, not the consultant or contractor that will do the work). **Not Applicable.**

Note: If your project is in retained waters, it is highly recommended that you coordinate the design of any mitigation plan that also may be required for the Corps permit to meet the requirements of both permits. Pre-application meetings with both the applicable Agency and the Corps can help you to choose a mitigation option that is acceptable to both the applicable Agency and the Corps.

### Part 3: Plans

Plans: The information listed in the checklist below represents the typical information required on the submitted project plans. The Plans checklists in each application section are cumulative unless otherwise noted. Separate plans for each application section are not required.

1. ☒ Include the following on the construction plans and cross sections:
  - a. ☐ An Existing Conditions sheet showing the entire project and wetland/other surface water boundaries. Include the following: Acreage and type (herbaceous, forested or other surface water) of each wetland/other surface water.
  - b. ☒ A Proposed Conditions sheet showing the entire project and wetland/other surface water boundaries with construction plan overlay. **See Attachments C, D, E and H.**
  - c. ☐ A Proposed Wetland Impact sheet that includes the following:
    - i. ☒ Acreage and type (herbaceous, forested, or other surface water) of each wetland/other surface water to be impacted. **See Figure 6.**
    - ii. ☐ Proposed upland buffers with dimensions.
    - iii. ☐ Identify the seasonal high water and wetland normal pool elevations on the plans.
  - d. ☒ Include wetland boundaries on all construction plan sheets.
2. ☐ If onsite and/or offsite applicant-responsible mitigation is proposed, submit mitigation plans and cross sections including, at a minimum: **Not Applicable.**

- a. ☐ existing conditions plan sheet identifying upland and wetland communities and acreage of each, topography, drainage patterns, and location of cross-section detail.
- b. ☐ proposed conditions plan sheet identifying proposed improvements by type (restoration, enhancement, creation, preservation), acreage of each, topography, drainage patterns, and location of cross-section detail.
- c. ☐ monitoring plan sheet including proposed improvements, monitoring transects, photostations, and mitigation signage (if applicable).
- d. ☐ cross-section and/or profile detail(s) sheet(s) including representative section of each type of mitigation component. Include existing and proposed conditions and representative elevations.
- e. ☐ planting schedule, plant species including common and scientific names divided into three sections (canopy, shrub, herbaceous) by mitigation component, quantity, spacing, size, and elevation range.

**Table 1 - Project Wetland (WI) And Other Surface Water (SW) And Impact Summary**

| WL & SW ID             | UMAM ASSESSMENT AREA NAME(S) | WL & SW TYPE | WL & SW SIZE (acres) | WL & SW NOT IMPACTED (acres) | TEMPORARY WL & SW IMPACT SIZE (acres) | TEMPORARY WL & SW IMPACT TYPE | PERMANENT WL & SW IMPACT SIZE (acres) | PERMANENT WL & SW IMPACT TYPE | MITIGATION ID |
|------------------------|------------------------------|--------------|----------------------|------------------------------|---------------------------------------|-------------------------------|---------------------------------------|-------------------------------|---------------|
| W-3                    |                              | 643          | 0.53                 | 0.53                         | 0.00                                  | NA                            | 0.00                                  | NA                            | NA            |
| SW-5                   |                              | 513          | 0.19                 | 0.16                         | 0.03                                  | O                             | 0.00                                  | NA                            | NA            |
| SW-8                   |                              | 513          | 0.09                 | 0.09                         | 0.00                                  | NA                            | 0.00                                  | NA                            | NA            |
| SW-15                  |                              | 513          | 0.04                 | 0.04                         | 0.00                                  | NA                            | 0.00                                  | NA                            | NA            |
| SW-16                  |                              | 513          | 0.13                 | 0.13                         | 0.00                                  | NA                            | 0.00                                  | NA                            | NA            |
| SW-20                  |                              | 530          | 2.3                  | 2.3                          | 0.00                                  | NA                            | 0.00                                  | NA                            | NA            |
|                        |                              |              |                      |                              |                                       |                               |                                       |                               |               |
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|                        |                              |              |                      |                              |                                       |                               |                                       |                               |               |
| <b>PROJECT TOTALS:</b> |                              |              | <b>3.28</b>          | <b>3.25</b>                  | <b>0.03</b>                           |                               | <b>0.00</b>                           |                               |               |

Comments: **NA = Not Applicable**

Codes (multiple entries per cell not allowed):

- Wetland & Surface Water ID: Include ID on submitted wetland and surface water impact maps
- Wetland Type: from an established wetland classification system
- Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other

**Table 2 - Project On-Site Mitigation Summary** **Not Applicable**

| MITIGATION ID   | UMAM ASSESSMENT AREA NAME(S) | TARGET TYPE | CREATION AREA (acres) | RESTORATION AREA (acres) | ENHANCEMENT AREA (acres) | WETLANDS PRESERVE AREA (acres) | UPLAND PRESERVE AREA (acres) | OTHER AREA (acres) |
|-----------------|------------------------------|-------------|-----------------------|--------------------------|--------------------------|--------------------------------|------------------------------|--------------------|
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| PROJECT TOTALS: |                              |             |                       |                          |                          |                                |                              |                    |

**COMMENTS:**

Codes (multiple entries per cell not allowed):

- Target Type or Type=target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

**Table 3 - Project Off-Site Mitigation Summary** **Not Applicable**

| MITIGATION ID   | UMAM ASSESSMENT AREA NAME(S) | TARGET TYPE | CREATION AREA (acres) | RESTORATION AREA (acres) | ENHANCEMENT AREA (acres) | WETLANDS PRESERVE AREA (acres) | UPLAND PRESERVE AREA (acres) | OTHER AREA (acres) |
|-----------------|------------------------------|-------------|-----------------------|--------------------------|--------------------------|--------------------------------|------------------------------|--------------------|
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| PROJECT TOTALS: |                              |             |                       |                          |                          |                                |                              |                    |

**COMMENTS:**

Codes (multiple entries per cell not allowed):

- Target Type or Type=target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

**Table 4 - Shoreline Stabilization    Not Applicable**

| Stabilization                            | Linear Ft.<br>New | Linear Ft.<br>Replaced | Linear Ft.<br>Repaired | Linear Ft.<br>Removed | Slope<br>H:<br>V: | Toe Width<br>(Ft.) |
|------------------------------------------|-------------------|------------------------|------------------------|-----------------------|-------------------|--------------------|
| Natural Vegetation<br>(living shoreline) |                   |                        |                        |                       | <b>N/A</b>        | <b>N/A</b>         |
| Rip Rap + Vegetation                     |                   |                        |                        |                       |                   |                    |
| Rip Rap                                  |                   |                        |                        |                       |                   |                    |
| Seawall + Rip Rap                        |                   |                        |                        |                       |                   |                    |
| Vertical Seawall                         |                   |                        |                        |                       |                   |                    |
| Other Shoreline<br>Stabilization<br>Type |                   |                        |                        |                       |                   |                    |

Size of Rip Rap

Type of Rip Rap

# **ATTACHMENT A – STATEMENT OF AVOIDANCE AND MINIMIZATION OF IMPACTS**

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# Attachment A—Statement of Avoidance and Minimization

## **PROPOSED IMPACTS**

The Project will impact a total of 0.03 acres of surface waters (manmade ditch). Due to the nature of the project, these impacts will be temporary in nature and will result from open cutting the existing ditch to install the utilities. Other typical construction activities, such as vegetation clearing, light raking, temporary construction matting, and ground disturbance from construction vehicles may occur during installation. It is anticipated that construction activities will meet the requirements under 62-330.457 General Permit for Subaqueous Utility Crossings of Artificial Waterways. TEC will comply with the conditions for 62-330.457 as shown in Attachment I.

For purposes of this application, all impacts are considered temporary. Construction and restoration activities near wetlands and water bodies will employ best management practices to minimize impacts to wetlands, such as those found in the exhibit included in Attachment E.

Section C Form Table 1 summarizes the wetland and water body impacts by type, and provides the impact type for each wetland and water body within the proposed project impact area.

Figure 6 depicts the location of the proposed wetland and water body impacts within the proposed project footprint.

## **Water Body Impacts**

The water body impacts are proposed to be temporary in nature and limited to the construction time frame, which is expected to be approximately 24 months.

## **ELIMINATION OR REDUCTION OF IMPACTS**

Impacts to wetlands and water bodies were eliminated or reduced to the extent practicable by using the following standards:

- Identification of an area or areas on the power plant site that will meet project objectives while avoiding and minimizing environmental impacts
- Locating permanent structures and other project features in uplands
- Limiting the construction to previously disturbed areas wherever practicable
- Minimizing impacts to sensitive environmental features by using specialized construction techniques, such as matting, where appropriate
- Locating temporary workspaces and access areas within existing utility areas or in other upland areas
- Implementing BMPs and effective soil erosion control measures (e.g., silt fence, straw bales), including routine inspections during construction and until soil stabilization has occurred
- Minimizing the construction duration to limit the disturbance to natural resources

# ATTACHMENT B – PUBLIC INTEREST STATEMENT

## **Attachment B - Public Interest Statement**

Impacts on terrestrial and aquatic systems and species associated with preparation and construction depend primarily on the location and existing conditions of the selected project footprint and, to a lesser degree, on clearing and construction techniques.

Through a systematic, environmentally responsive selection process, the crossing of major terrestrial, wetland, and aquatic systems was minimized or avoided to restrict potential impacts to sensitive habitats and/or endangered and threatened species associated with construction. By selecting a previously altered area, it is not anticipated that construction of this project will have significant impact on vegetation, wildlife, or aquatic life.

Because the project footprint contains lands that have already been cleared and maintained, construction should not pose any significant additional adverse changes to vegetation in these areas. Limited permanent alterations will be associated with clearing, temporary matting and temporary impacts associated with the open-cut for pipe installation. The proposed project crosses no large expanses of forested uplands or wetlands.

Attachment D - Clearing and Demolition Plans and Attachment E - Temporary Erosion and Sediment Control Plan as well as Figure 6 - Wetlands and Surface Waters Impacts Map, address types of impacts associated with construction that are expected to occur to the existing vegetation communities crossed by the project footprint. Adjacent vegetation communities should not be affected by temporary access, tank or pipeline installation because erosion and sediment control measures will be used. No clearing or filling of wetlands is proposed.

Specific impacts to terrestrial and aquatic animals due to construction vary by species and depend primarily on the extent of habitat alteration and continued availability of such habitat after construction. The proposed project crosses no federally designated critical habitat. In addition, no aquatic habitats critical to the continued regional presence of important species will be affected.

The project is not expected to significantly impact wildlife or wildlife habitat. Some temporary displacement of wildlife may occur during construction activities, however once complete, wildlife is anticipated to return. The project is not in an area designated as Outstanding Florida Waterway. No in-water work is proposed therefore no adverse effects to navigation or flow is anticipated. Similarly, no adverse effects to fishing or recreation is anticipated with the operation of the facility once construction is completed. Adequate and appropriate erosion control measures will be maintained during construction to prevent sedimentation at surface waters.

A cultural resource assessment survey was completed as part of the previously certified project in compliance with the requirements of Chapter 267, F.S., and Chapter 1A-46 (Archaeological and Historical Report Standards and Guidelines), F.A.C. The results of this survey have been documented in a report and submitted to DHR in 1991. No significant resources were identified.

If cultural resource finds are discovered during construction, construction activities will be immediately halted in the vicinity, and DHR will be notified. A determination of the significance of the find will be conducted, as appropriate, and TEC will coordinate with DHR to evaluate mitigative measures necessary to protect the area from adverse effects.

# ATTACHMENT C – CIVIL COVER SHEET AND DRAWING LIST

# FUEL DIVERSITY AND PERFORMANCE IMPROVEMENT PROJECT

## POLK POWER STATION

### POLK COUNTY, FLORIDA



CONSTRUCTION AREA LOCATION KEY PLAN  
NOT TO SCALE

| DRAWING LIST |                                                                  |
|--------------|------------------------------------------------------------------|
| DRAWING NO.  | DRAWING TITLE                                                    |
| 379-EY-001AA | CIVIL COVER SHEET AND DRAWING LIST                               |
| 379-EY-001AB | GENERAL NOTES, LEGEND, SYMBOLS AND ABBREVIATIONS                 |
| 379-EY-002AA | TEMPORARY EROSION AND SEDIMENT CONTROL PLAN - FUEL OIL TANK AREA |
| 379-EY-002AB | TEMPORARY EROSION AND SEDIMENT CONTROL PLAN - DENIM TANK AREA    |
| 379-EY-002AC | TEMPORARY EROSION CONTROL DETAILS                                |
| 379-EY-003AD | CLEARING AND DEMOLITION PLAN - FUEL OIL TANK AREA                |
| 379-EY-003AE | CLEARING AND DEMOLITION PLAN - DENIM TANK AREA                   |
| 379-EY-004A  | ERAZING PLAN - DENIM TANK AREA                                   |
| 379-EY-004B  | ERAZING AND SURFACING DETAILS                                    |
| 379-EY-004C  | CHAIN LINK FENCE DETAILS-SHEET 1                                 |
| 379-EY-004D  | CHAIN LINK FENCE DETAILS-SHEET 2                                 |
| 379-EY-005A  | ERAZING PLAN - FUEL OIL TANK AREA PHASE 1                        |
| 379-EY-005B  | ERAZING PLAN - FUEL OIL TANK AREA PHASE 2                        |
| 379-EY-005C  | ERAZING PLAN - FUEL OIL TANK AREA PHASE 3                        |
| 379-EY-005D  | TEMPORARY CONCRETE WALL DETAILS                                  |
| 379-EY-005E  | BERM AND UNDER DETAILS                                           |

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA

Date: 2025.10.31  
155844-0000

NO. 84966

STATE OF FLORIDA

PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY VIRGINIA K. PATEL ON THE DATE ADJACENT TO THE SEAL TO THE SEAL USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS AND ALLIATE PERSONNEL OR THAT OF ITS SUBCONTRACTOR(S) PERFORMING THE WORK.

**TECO**  
TAMPA ELECTRIC COMPANY  
AN ENEL GROUP COMPANY

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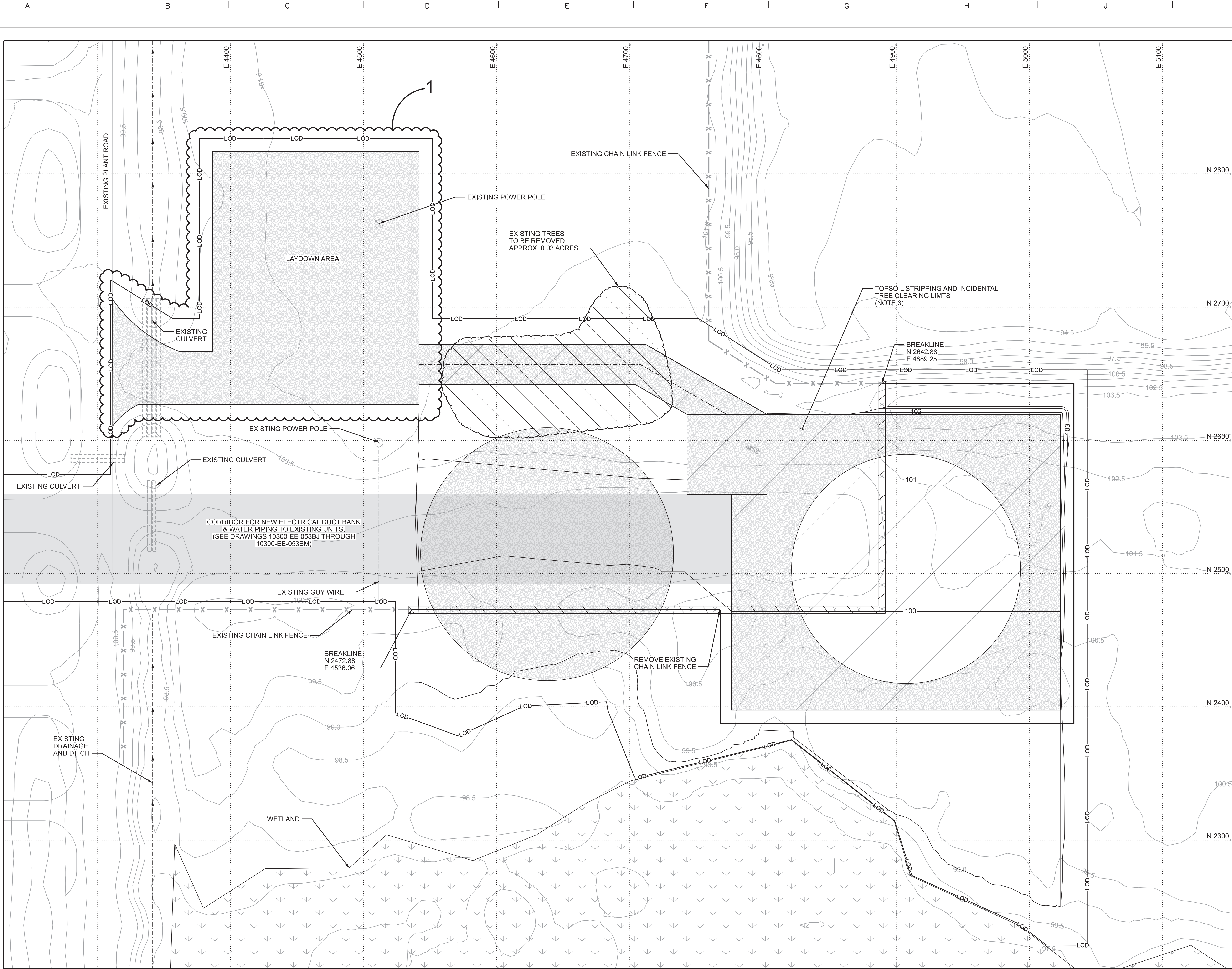
CIVIL COVER SHEET AND DRAWING LIST

FUEL DIVERSITY & PERFORMANCE IMPROVEMENT PROJECT  
POLK POWER STATION  
TAMPA ELECTRIC COMPANY

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| <table><tr><td colspan="4">ABBREVIATIONS</td><td colspan="4">LEGEND/SYMBOLS</td><td colspan="7">CIVIL GENERAL NOTES</td></tr><tr><td>AC</td><td>ACRE</td><td></td><td></td><td></td><td colspan="4">PRECAST CONCRETE MANHOLE WITH GRATED COVER</td><td colspan="7" rowspan="49"><div>1. PROPERTY:<br/>THE PROJECT IS LOCATED IN POLK COUNTY, FLORIDA, 12 MILES SOUTH OF THE CITY OF MULBERRY.</div><div>2. HORIZONTAL AND VERTICAL CONTROL:<br/><div>A. PERMANENT MONUMENTS FOR HORIZONTAL AND VERTICAL CONTROL HAVE BEEN ESTABLISHED BY THE OWNER, THE LOCATION OF EACH MONUMENT ARE IDENTIFIED ON DRAWING 22345-EY-101A.</div><div>B. THE BASES FOR HORIZONTAL CONTROL IS THE PLANT COORDINATE SYSTEM, THE TIE BETWEEN PLANT COORDINATE SYSTEM AND THE FLORIDA STATE PLANE COORDINATE SYSTEM (NAD 83) IS SHOWN ON DRAWING 22345-EY-101A.</div><div>C. ELEVATIONS SHOWN ON PLAN ARE WITH RESPECT TO THE LOCAL PLANT DATUM, PLANT ELEVATION 1009.0" EQUALS 143.4' NGVD 1989.</div><div>D. CONTRACTOR IS RESPONSIBLE FOR SETTING ADDITIONAL MONUMENTS AND CONTROL POINTS THAT THEY MAY DEEM NECESSARY FOR COMPLETION OF WORK.</div><div>E. CONTRACTOR SHALL VERIFY COORDINATES PROVIDED FROM THE ESTABLISHED CONTROL MONUMENTS PRIOR TO SETTING ADDITIONAL MONUMENTS AND PRIOR TO PERFORMING SURVEYING FOR CONSTRUCTION LAYOUT WORK. THE CONTRACTOR SHALL RERUN COORDINATES TO EACH MONUMENT IN ORDER TO VERIFY ACCURACY OF MONUMENT LOCATIONS.</div></div></td></tr><tr><td>APPROX</td><td>APPROXIMATE</td><td></td><td></td><td></td><td colspan="4">PRECAST CONCRETE MANHOLE WITH SOLID COVER</td></tr><tr><td>B/</td><td>BOTTOM OF</td><td></td><td></td><td></td><td colspan="4">PRECAST CONCRETE CATCH BASIN WITH GRATED COVER</td></tr><tr><td>CB</td><td>CATCH BASIN</td><td></td><td></td><td></td><td colspan="4">SILT FENCE</td></tr><tr><td>CHDPE</td><td>CORRUGATED HIGH DENSITY POLYETHYLENE PIPE</td><td></td><td></td><td></td><td colspan="4">STRAW WATTLES</td></tr><tr><td>CO</td><td>CLEANOUT</td><td></td><td></td><td></td><td colspan="4">INLET PROTECTION</td></tr><tr><td>CMP</td><td>CORRUGATED METAL PIPE</td><td></td><td></td><td></td><td colspan="4">GUARDRAIL</td></tr><tr><td>CONC</td><td>CONCRETE</td><td></td><td></td><td></td><td colspan="4">CONCRETE BARRIER</td></tr><tr><td>DIA</td><td>DIAMETER</td><td></td><td></td><td></td><td colspan="4">SWING GATE - DIRECTION OF SWING</td></tr><tr><td>DIP</td><td>DUCTILE IRON PIPE</td><td></td><td></td><td></td><td colspan="4">SLIDE GATE - DIRECTION OF SLIDE</td></tr><tr><td>DS</td><td>DOWNSTREAM</td><td></td><td></td><td></td><td colspan="4">CULVERT</td></tr><tr><td>EL. OR ELEV.</td><td>GRADE ELEVATION</td><td></td><td></td><td></td><td colspan="4">PROPOSED MAJOR CONTOUR</td></tr><tr><td>EQ</td><td>EQUAL</td><td></td><td></td><td></td><td colspan="4">PROPOSED MINOR CONTOUR</td></tr><tr><td>EXIST.</td><td>EXISTING</td><td></td><td></td><td></td><td colspan="4" rowspan="3">NEW TRANSMISSION POLES</td></tr><tr><td>FES</td><td>FLARED END SECTION</td><td></td><td></td><td colspan="10" rowspan="2">ROAD, PAVEMENT AND SURFACING SYMBOLS</td></tr><tr><td>GALV.</td><td>GALVANIZED</td><td></td><td></td><td colspan="10" rowspan="2">EXISTING FEATURES SYMBOLS</td></tr><tr><td>HDPE</td><td>HIGH DENSITY POLYETHYLENE PIPE</td><td></td><td></td><td></td><td colspan="4">6" AGGREGATE SURFACING</td></tr><tr><td>HORIZ</td><td>HORIZONTAL</td><td></td><td></td><td></td><td colspan="4">AGGREGATE ROAD</td></tr><tr><td>HP</td><td>HIGH POINT</td><td></td><td></td><td></td><td colspan="4">6" SEEDDED TOPSOIL</td></tr><tr><td>HPFS</td><td>HIGH POINT FINISHED SURFACE</td><td></td><td></td><td></td><td colspan="4" rowspan="3">CONCRETE PAVEMENT</td></tr><tr><td>LD</td><td>INNER DIAMETER</td><td></td><td></td><td colspan="10" rowspan="2">EXISTING FEATURES SYMBOLS</td></tr><tr><td>INV. 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POLE</td></tr><tr><td>OHL</td><td>OVERHEAD LINE</td><td></td><td></td><td></td><td colspan="4">EXISTING SIGN POST</td></tr><tr><td>PC</td><td>POINT OF CURVE</td><td></td><td></td><td></td><td colspan="4">EXISTING GUARD POST</td></tr><tr><td>PI</td><td>POINT OF INTERSECTION</td><td></td><td></td><td></td><td colspan="4">EXISTING RETAINING WALL</td></tr><tr><td>PIV</td><td>POST INDICATOR VALVE</td><td></td><td></td><td></td><td colspan="4" rowspan="16">EXISTING CATCH BASIN</td></tr><tr><td>PT</td><td>POINT OF TANGENT</td><td></td><td></td><td colspan="10" rowspan="15">LEGEND/SYMBOLS</td></tr><tr><td>PVC</td><td>POLYVINYL CHLORIDE PIPE</td><td></td><td></td><td colspan="10" rowspan="15">LEGEND/SYMBOLS</td></tr><tr><td>R</td><td>RADIUS</td><td></td><td></td><td colspan="10" rowspan="15">LEGEND/SYMBOLS</td></tr><tr><td>RCP</td><td>REINFORCED CONCRETE PIPE</td><td></td><td></td><td colspan="10" rowspan="15">LEGEND/SYMBOLS</td></tr><tr><td>RE</td><td>RISE ELEVATION</td><td></td><td></td><td 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                                                                                                                            |   |   |   |              |  | ABBREVIATIONS |                           |  |              | LEGEND/SYMBOLS |  |  |  | CIVIL GENERAL NOTES |  |  |                |  |              |  | AC | ACRE |  |              |  | PRECAST CONCRETE MANHOLE WITH GRATED COVER |                |  |              | <div>1. PROPERTY:<br/>THE PROJECT IS LOCATED IN POLK COUNTY, FLORIDA, 12 MILES SOUTH OF THE CITY OF MULBERRY.</div> <div>2. HORIZONTAL AND VERTICAL CONTROL:<br/><div>A. PERMANENT MONUMENTS FOR HORIZONTAL AND VERTICAL CONTROL HAVE BEEN ESTABLISHED BY THE OWNER, THE LOCATION OF EACH MONUMENT ARE IDENTIFIED ON DRAWING 22345-EY-101A.</div><div>B. THE BASES FOR HORIZONTAL CONTROL IS THE PLANT COORDINATE SYSTEM, THE TIE BETWEEN PLANT COORDINATE SYSTEM AND THE FLORIDA STATE PLANE COORDINATE SYSTEM (NAD 83) IS SHOWN ON DRAWING 22345-EY-101A.</div><div>C. ELEVATIONS SHOWN ON PLAN ARE WITH RESPECT TO THE LOCAL PLANT DATUM, PLANT ELEVATION 1009.0" EQUALS 143.4' NGVD 1989.</div><div>D. CONTRACTOR IS RESPONSIBLE FOR SETTING ADDITIONAL MONUMENTS AND CONTROL POINTS THAT THEY MAY DEEM NECESSARY FOR COMPLETION OF WORK.</div><div>E. CONTRACTOR SHALL VERIFY COORDINATES PROVIDED FROM THE ESTABLISHED CONTROL MONUMENTS PRIOR TO SETTING ADDITIONAL MONUMENTS AND PRIOR TO PERFORMING SURVEYING FOR CONSTRUCTION LAYOUT WORK. THE CONTRACTOR SHALL RERUN COORDINATES TO EACH MONUMENT IN ORDER TO VERIFY ACCURACY OF MONUMENT LOCATIONS.</div></div> |  |  |  |              |  |  | APPROX         | APPROXIMATE |              |  |  | PRECAST CONCRETE MANHOLE WITH SOLID COVER |  |              |  | B/ | BOTTOM OF      |  |              |  | PRECAST CONCRETE CATCH BASIN WITH GRATED COVER |  |  |              | CB | CATCH BASIN |                |  |              | SILT FENCE |  |  |  | CHDPE | CORRUGATED HIGH DENSITY POLYETHYLENE PIPE |  |                |  | STRAW WATTLES |  |  |  | CO | CLEANOUT |  |  |                | INLET PROTECTION |  |  |  | CMP | CORRUGATED METAL PIPE |  |  |  | GUARDRAIL      |  |  |  | CONC | CONCRETE |  |  |  | CONCRETE BARRIER |                |  |  | DIA | DIAMETER |  |  |  | SWING GATE - DIRECTION OF SWING |  |                |  | DIP | DUCTILE IRON PIPE |  |  |  | SLIDE GATE - DIRECTION OF SLIDE |  |  |                | DS | DOWNSTREAM |  |  |  | CULVERT |  |  |  | EL. OR ELEV.   | GRADE ELEVATION |  |  |  | PROPOSED MAJOR CONTOUR |  |  |  | EQ | EQUAL          |  |  |  | PROPOSED MINOR CONTOUR |  |  |  | EXIST. | EXISTING |  |  |  | NEW TRANSMISSION POLES |  |  |  | FES | FLARED END SECTION |  |  | ROAD, PAVEMENT AND SURFACING SYMBOLS |  |  |  |  |  |  |  |  |  | GALV. | GALVANIZED |  |  | EXISTING FEATURES SYMBOLS |  |  |  |  |  |  |  |  |  | HDPE | HIGH DENSITY POLYETHYLENE PIPE |  |  |  | 6" AGGREGATE SURFACING |  |  |  | HORIZ | HORIZONTAL |  |  |  | AGGREGATE ROAD |  |  |  | HP | HIGH POINT |  |  |  | 6" SEEDDED TOPSOIL |  |  |  | HPFS | HIGH POINT FINISHED SURFACE |  |  |  | CONCRETE PAVEMENT |  |  |  | LD | INNER DIAMETER |  |  | EXISTING FEATURES SYMBOLS |  |  |  |  |  |  |  |  |  | INV. OR IE | INVERT ELEVATION |  |  | EXISTING FEATURES SYMBOLS |  |  |  |  |  |  |  |  |  | LP | LOW POINT |  |  |  | EXISTING PAVED ROAD |  |  |  | LS | LIFT STATION |  |  |  | EXISTING SHRUB / VEGETATION |  |  |  | MAX | MAXIMUM |  |  |  | EXISTING CONTOUR |  |  |  | MH | MANHOLE |  |  |  | EXISTING SPOT ELEVATION |  |  |  | MIN | MINIMUM |  |  |  | EXISTING RAILROAD |  |  |  | NTS | NOT TO SCALE |  |  |  | EXISTING TRANSMISSION TOWER |  |  |  | O.C. | ON CENTER |  |  |  | EXISTING POWER POLE |  |  |  | O.D. | OUTER DIAMETER |  |  |  | EXISTING LIGHT POLE |  |  |  | OHL | OVERHEAD LINE |  |  |  | EXISTING SIGN POST |  |  |  | PC | POINT OF CURVE |  |  |  | EXISTING GUARD POST |  |  |  | PI | POINT OF INTERSECTION |  |  |  | EXISTING RETAINING WALL |  |  |  | PIV | POST INDICATOR VALVE |  |  |  | EXISTING CATCH BASIN |  |  |  | PT | POINT OF TANGENT |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | PVC | POLYVINYL CHLORIDE PIPE |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | R | RADIUS |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | RCP | REINFORCED CONCRETE PIPE |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | RE | RISE ELEVATION |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | ROW | RIGHT OF WAY |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | S | SLOPE |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | SM | SIMILAR |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | STA. | STATION |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | SW | STORMWATER |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | T | TOP OF |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | TRD | TOP OF ROAD ELEVATION |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | TYP | TYPICAL |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | UN | UNLESS NOTED |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  | US | UPSTREAM |  |  | LEGEND/SYMBOLS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | SAFETY NOTES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | SAFETY 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                                                                                                                                                                                                                                                                                                                                                  | ACRE                                      |   |   |                                      | PRECAST CONCRETE MANHOLE WITH GRATED COVER     |   |   |                     | <div>1. PROPERTY:<br/>THE PROJECT IS LOCATED IN POLK COUNTY, FLORIDA, 12 MILES SOUTH OF THE CITY OF MULBERRY.</div> <div>2. HORIZONTAL AND VERTICAL CONTROL:<br/><div>A. PERMANENT MONUMENTS FOR HORIZONTAL AND VERTICAL CONTROL HAVE BEEN ESTABLISHED BY THE OWNER, THE LOCATION OF EACH MONUMENT ARE IDENTIFIED ON DRAWING 22345-EY-101A.</div><div>B. THE BASES FOR HORIZONTAL CONTROL IS THE PLANT COORDINATE SYSTEM, THE TIE BETWEEN PLANT COORDINATE SYSTEM AND THE FLORIDA STATE PLANE COORDINATE SYSTEM (NAD 83) IS SHOWN ON DRAWING 22345-EY-101A.</div><div>C. ELEVATIONS SHOWN ON PLAN ARE WITH RESPECT TO THE LOCAL PLANT DATUM, PLANT ELEVATION 1009.0" EQUALS 143.4' NGVD 1989.</div><div>D. CONTRACTOR IS RESPONSIBLE FOR SETTING ADDITIONAL MONUMENTS AND CONTROL POINTS THAT THEY MAY DEEM NECESSARY FOR COMPLETION OF WORK.</div><div>E. CONTRACTOR SHALL VERIFY COORDINATES PROVIDED FROM THE ESTABLISHED CONTROL MONUMENTS PRIOR TO SETTING ADDITIONAL MONUMENTS AND PRIOR TO PERFORMING SURVEYING FOR CONSTRUCTION LAYOUT WORK. THE CONTRACTOR SHALL RERUN COORDINATES TO EACH MONUMENT IN ORDER TO VERIFY ACCURACY OF MONUMENT LOCATIONS.</div></div> |   |   |   |              |  |               |                           |  |              |                |  |  |  |                     |  |  |                |  |              |  |    |      |  |              |  |                                            |                |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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# **ATTACHMENT D – CLEARING AND DEMOLITION PLANS**



**LEGEND**

- TREE
- LOD — LIMIT OF DISTURBANCE
- X - X - X - X - EXISTING CHAIN LINK FENCE
- - - CL ROAD
- ⊙ EXISTING POWER POLE
- CRUSHED STONE
- WETLAND

**GRAPHIC SCALE**

30' 0' 30' 60'

**NORTH**

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA.

Date: 2025.12.04  
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**KRUNAL K. PATEL**  
LICENSE No. 84966  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

- NOTES**
- FOR CIVIL GENERAL NOTES, LEGEND, SYMBOLS AND ABBREVIATIONS, SEE DRAWING 379-EY-001AB.
  - ALL WORK SHALL BE PERFORMED BY SPECIFICATION CPG-002 UNLESS NOTED OTHERWISE.
  - FOR GRADING AND SURFACING LIMITS TO BE USED FOR ESTABLISHING TOPSOIL STRIPPING EXTENT, SEE DRAWING 379-EY-004A.
  - TOPSOIL SHALL BE STOCKPILED ONSITE AS DIRECTED BY TEC.

**REFERENCE DRAWINGS**

|                                    |                             |
|------------------------------------|-----------------------------|
| 10300-EE-053BJ THRU 10300-EE-053BM | UNDERGROUND DEMIN TANK AREA |
|------------------------------------|-----------------------------|

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR/INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK.

**Borgers & Lundy**  
16 EAST BAYVIEW STREET  
CHICAGO, ILLINOIS 60611  
CERTIFICATE OF AUTHORIZATION NO. 000

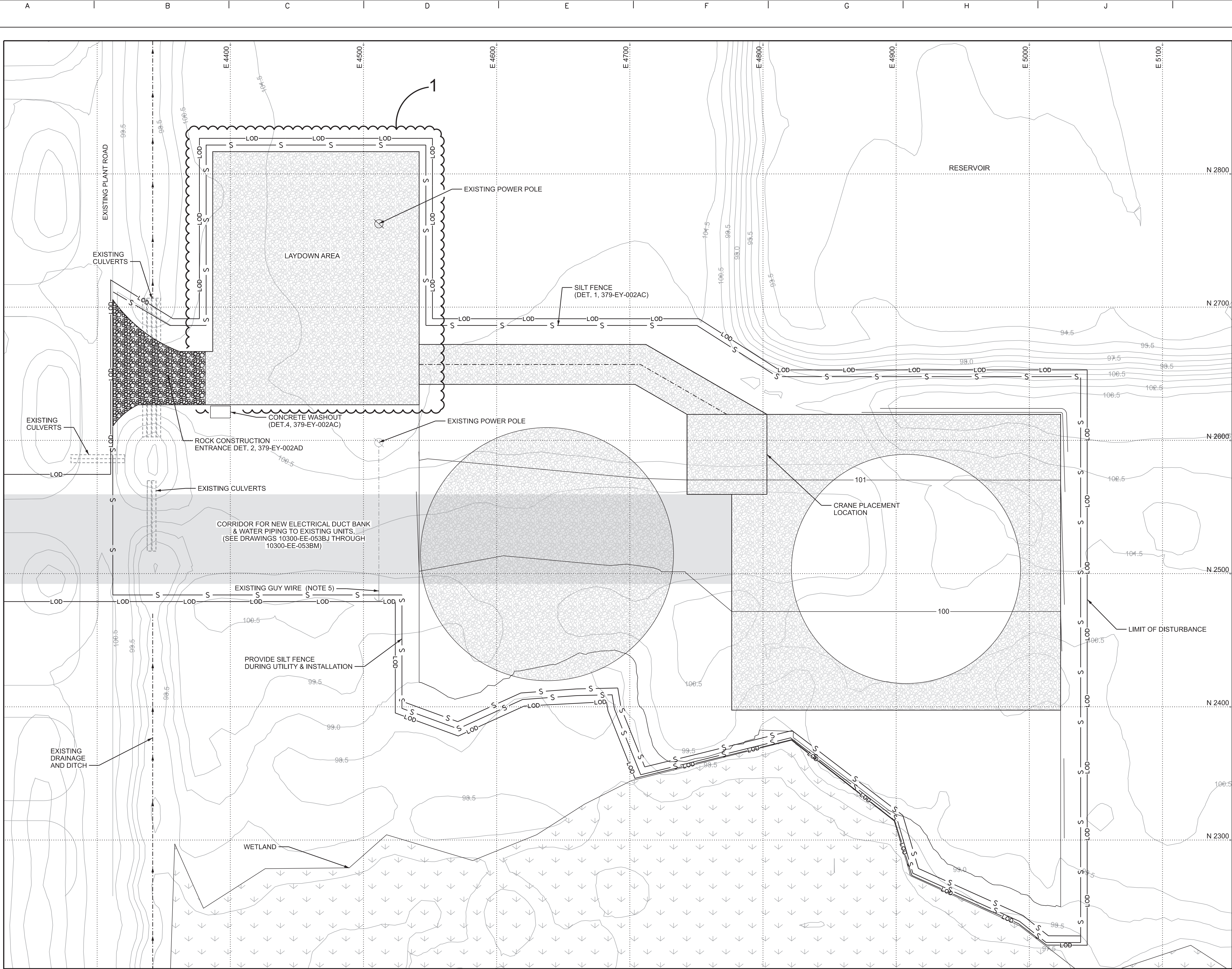
**TECO TAMPA ELECTRIC**  
AN EMERA COMPANY

| 1     | FOR PERMITTING | CAF  | CAF | CEG  | KKP  | 12/03/2025 |
|-------|----------------|------|-----|------|------|------------|
| 0     | FOR PERMITTING | CAF  | CAF | CEG  | KKP  | 11/20/2025 |
| ISSUE | DESCRIPTION    | DSGN | DWN | CHKD | APVD | DATE       |

**CLEARING AND DEMOLITION PLAN**  
**DEMIN TANK AREA**  
**FUEL DIVERSITY & PERFORMANCE IMPROVEMENT PROJECT**  
**POLK POWER STATION**  
**TAMPA ELECTRIC COMPANY**

|                             |                       |            |
|-----------------------------|-----------------------|------------|
| FILE NAME: 379-EY-002AE.DGN | DWG. NO. 379-EY-002AE | REV. NO. 1 |
| SCALE: 1"=30'               |                       |            |

# ATTACHMENT E – TEMPORARY EROSION AND SEDIMENT CONTROL PLANS



**LEGEND**

|           |                            |
|-----------|----------------------------|
| — LOD —   | LIMIT OF DISTURBANCE       |
| — S —     | SILT FENCE                 |
| - - - CL  | CL ROAD                    |
| ⊗         | EXISTING POWER POLE        |
| [Pattern] | ROCK CONSTRUCTION ENTRANCE |
| [Pattern] | CRUSHED STONE              |
| [Pattern] | WETLAND                    |

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No. 84966  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

- NOTES**
- FOR CIVIL GENERAL NOTES, LEGEND, SYMBOLS AND ABBREVIATIONS, SEE DRAWING 379-EY-001AB.
  - ALL WORK SHALL BE PERFORMED BY SPECIFICATION CPG-002 UNLESS NOTED OTHERWISE.
  - FOR TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS, SEE 379-EY-002AD AND 379-EY-002AE.
  - FOR GRADING AND SURFACING INFORMATION, SEE DRAWING 379-EY-004A.
  - CONTRACTOR TO PROHIBIT CONSTRUCTION ACCESS BENEATH GUY WIRE.

**REFERENCE DRAWINGS**

|                                          |                             |
|------------------------------------------|-----------------------------|
| 10300-EE-053BJ<br>THRU<br>10300-EE-053BM | UNDERGROUND DEMIN TANK AREA |
|------------------------------------------|-----------------------------|

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

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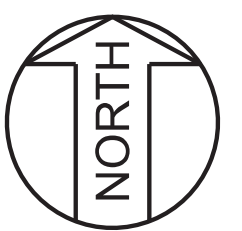
**Borgers & Lundy**  
36 EAST WINDSOR STREET  
ORLANDO, FLORIDA 32803  
CERTIFICATE OF AUTHORIZATION NO. 0000

**TECO TAMPA ELECTRIC**  
AN EMERA COMPANY

| 1     | FOR PERMITTING | CAF  | CAF | CEG  | KKP  | 12/03/2025 |
|-------|----------------|------|-----|------|------|------------|
| 0     | FOR PERMITTING | CAF  | CAF | CEG  | KKP  | 11/20/2025 |
| ISSUE | DESCRIPTION    | DSGN | DWN | CHKD | APVD | DATE       |

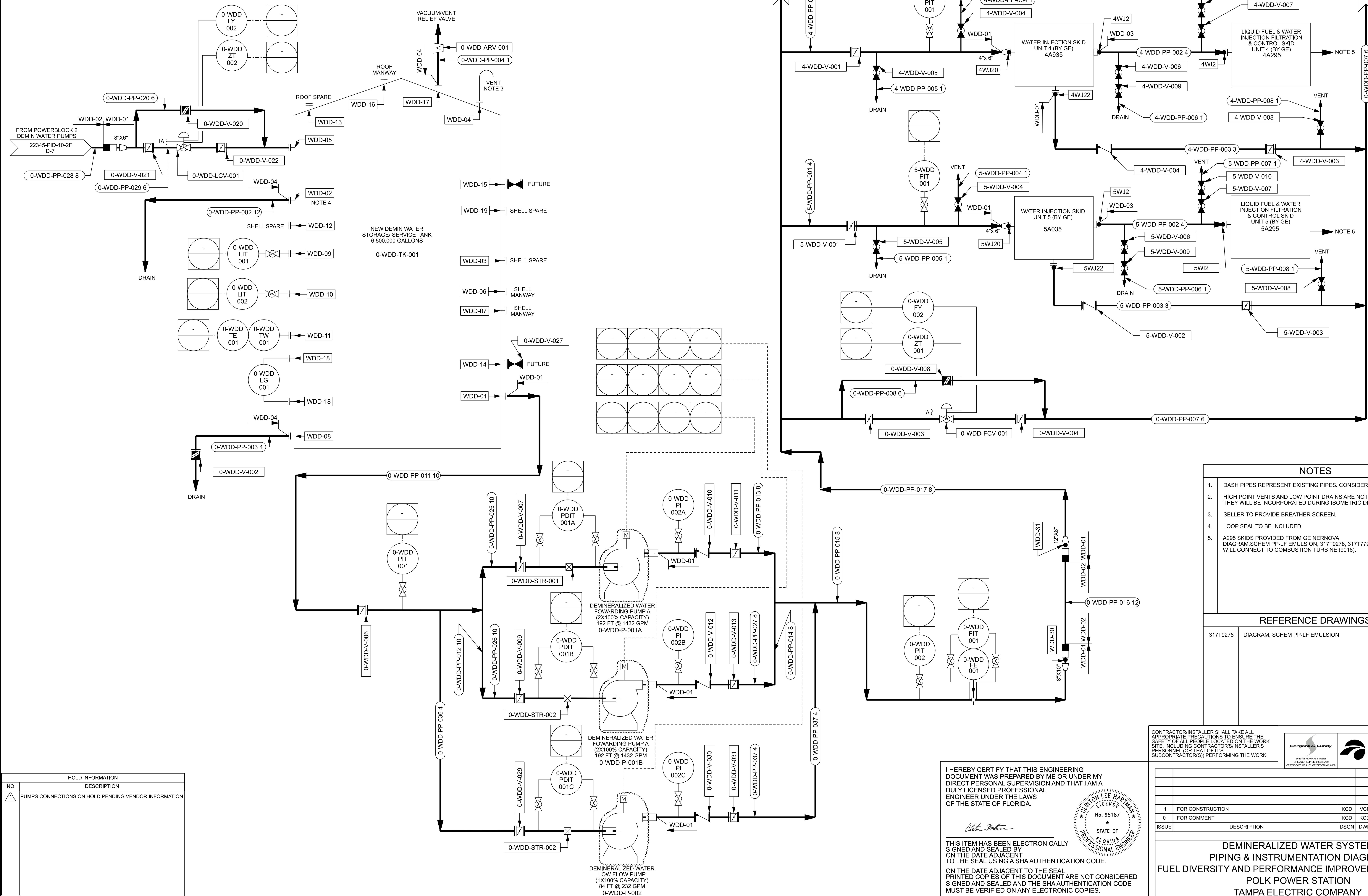
**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**  
**DEMIN TANK AREA**  
**FUEL DIVERSITY & PERFORMANCE IMPROVEMENT PROJECT**  
**POLK POWER STATION**  
**TAMPA ELECTRIC COMPANY**

|                             |                       |            |
|-----------------------------|-----------------------|------------|
| FILE NAME: 379-EY-002AB.DGN | DWG. NO. 379-EY-002AB | REV. NO. 1 |
| SCALE: 1"=30'               |                       |            |



# ATTACHMENT F – PIPING AND INSTRUMENTATION DIAGRAM

| PDC NUMBER | DESIGN PRESSURE (psig) | DESIGN TEMP. (DEG.F) | MAX OPER. PRESSURE (psig) | MAX OPER. TEMP. (DEG. F) | PDT        | INSTR. PDT | INSULATION TYPE | FIELD TEST PRESSURE (psig) | REMARKS       | PIPE CODE  | INSTR. PIPE CODE |
|------------|------------------------|----------------------|---------------------------|--------------------------|------------|------------|-----------------|----------------------------|---------------|------------|------------------|
| WDD-01     | 135                    | 120                  | 125                       | 120                      | PK2FD 0140 | PK2FD 0659 | N/A             | 195                        | A358 GR. 304L | B31.1 NBEP | B31.1 NBEP       |
| WDD-02     | 135                    | 120                  | 125                       | 120                      | PK2FD 0099 | PK2FD 0659 | N/A             | 195                        | HDPE          | B31.1 NBEP | B31.1 NBEP       |
| WDD-03     | 1356                   | 180                  | 1392                      | 180                      | PK2FD 0940 | PK2FD 1559 | N/A             | 2715                       | A358 GR. 304L | B31.1 NBEP | B31.1 NBEP       |
| WDD-04     | 50                     | 120                  | 50                        | 120                      | PK2FD 0140 | PK2FD 0659 | N/A             | ISLT                       | A358 GR. 304L | B31.1 NBEP | B31.1 NBEP       |



| NOTES |                                                                                                                                                   |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | DASH PIPES REPRESENT EXISTING PIPES. CONSIDER AS REFERENCE.                                                                                       |
| 2.    | HIGH POINT VENTS AND LOW POINT DRAINS ARE NOT SHOWN. THEY WILL BE INCORPORATED DURING ISOMETRIC DEVELOPMENT.                                      |
| 3.    | SELLER TO PROVIDE BREATHER SCREEN.                                                                                                                |
| 4.    | LOOP SEAL TO BE INCLUDED.                                                                                                                         |
| 5.    | A295 SKIDS PROVIDED FROM GE NERNOVA.<br>DIAGRAMS/SCHEM P&ID EMISSION: 31779278, 31777799, 31777945.<br>WILL CONNECT TO COMBUSTION TURBINE (9016). |

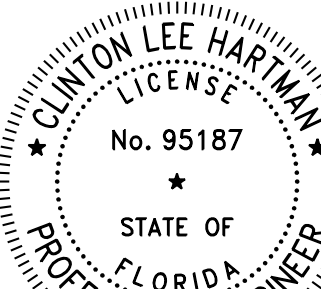
|                    |
|--------------------|
| REFERENCE DRAWINGS |
|--------------------|

|          |                               |
|----------|-------------------------------|
| 317T9278 | DIAGRAM, SCHEM PP-LF EMULSION |
|----------|-------------------------------|

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF IT'S SUBCONTRACTOR(S)) PERFORMING THE WORK.



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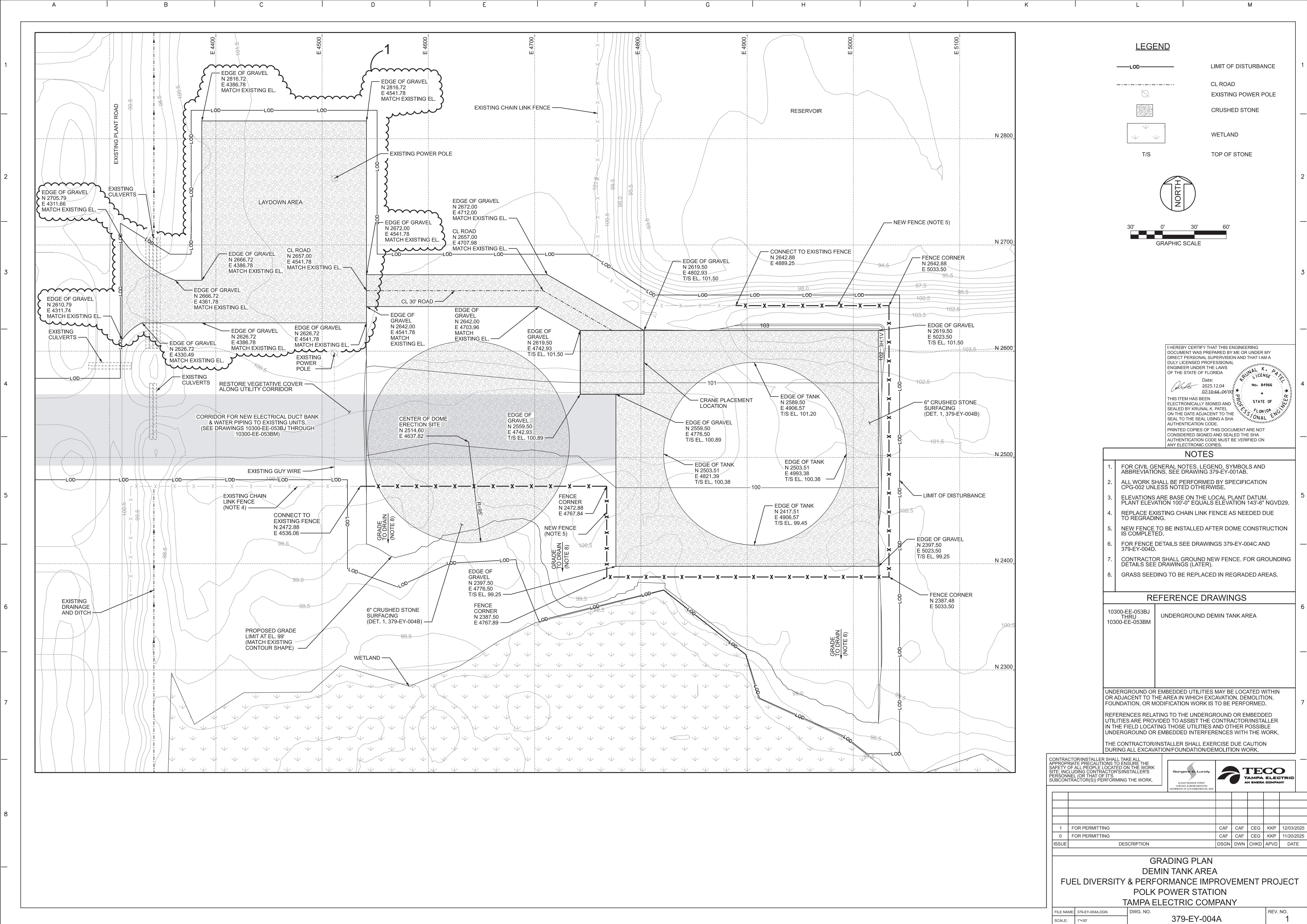
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| 1     | FOR CONSTRUCTION | KCD  | VCF | MCA  | MCA  | 06/27/2020 |
| 0     | FOR COMMENT      | KCD  | KCD | MCA  | MCA  | 04/30/2020 |
| ISSUE | DESCRIPTION      | DSGN | DWN | CHKD | APVD | DATE       |

DEMINERALIZED WATER SYSTEM  
PIPING & INSTRUMENTATION DIAGRAM  
FUEL DIVERSITY AND PERFORMANCE IMPROVEMENT PROJECT  
POLK POWER STATION  
TAMPA ELECTRIC COMPANY

|            |                   |                               |                   |
|------------|-------------------|-------------------------------|-------------------|
| FILE NAME: | 379-PID-16-1A.DGN | DWG. NO.<br><br>379-PID-16-1A | REV. NO.<br><br>1 |
| SCALE:     | N/A               |                               |                   |

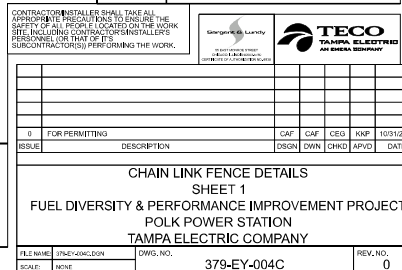
# ATTACHMENT G – GRADING PLANS AND SURFACING DETAILS

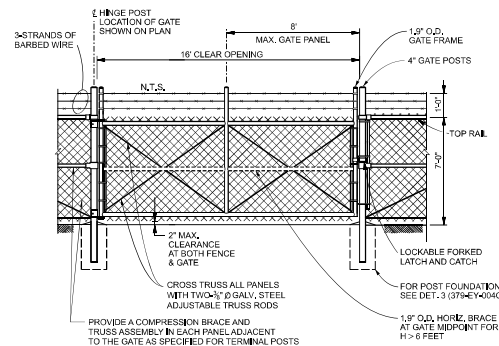
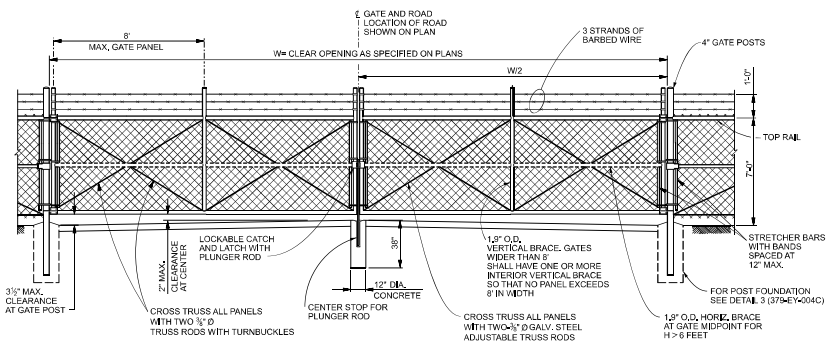


# ATTACHMENT H – CHAIN LINK FENCE DETAILS

## FENCING NOTES

1. ALL FENCE AND GATE MATERIALS SHALL BE NEW, AND MANUFACTURED IN THE UNITED STATES, SPUNNING OR PIPES, ROOS, OR OTHER MATERIALS IS PROHIBITED.
2. INSTALLATION OF FENCE WORK SHALL CONFORM TO THE REQUIREMENTS OF ASTM F 567, CONTRACTOR SHALL ENSURE THAT THE FENCE CONSTRUCTION AND GRADING ARE PROPERLY COMPLETED BEFORE BEGINNING FENCING WORK.
3. PERMANENT FENCE GROUNDING WILL BE INSTALLED BY OTHERS.
4. **FENCE FOR FENCE FRAMEWORK AND POSTS:**
  - A. **PIPE FOR FENCE FRAMEWORK AND POSTS** SHALL BE SCHEDULE 40 SEAMLESS OR ELECTRIC RESISTANCE COATED STEEL **PIPE** IN ACCORDANCE WITH ASTM F 1063, STRENGTH REQUIREMENTS FOR POSTS AND RAILS SHALL BE IN ACCORDANCE WITH ASTM F 1043, GROUP 1A, ROUND STEEL PIPE.
  - B. **PIPE** SHALL BE HOT DIP GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - C. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - D. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - E. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - F. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - G. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - H. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - I. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - J. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - K. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - L. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - M. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - N. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - O. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - P. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - Q. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - R. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - S. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - T. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - U. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - V. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - W. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - X. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - Y. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
  - Z. **PIPE** SHALL BE NOT DIPS GALVANIZED WITH A TYPE A INSIDE SURFACE COATING AND A TYPE A INSIDE SURFACE COATING. MINIMUM OF 2.0 OZ/SQ FT.
5. **FABRIC FOR FENCE AND GATES:**
  - A. THE **FENCE** SHALL BE 2 INCH DIAMETER MESH, 9 GAUGE COATED STEEL, W/14 INCH DIAMETER WITH COATED 2 INCH COATED CHAIN LINK FENCE FABRIC. IN ACCORDANCE WITH ASTM A 392, MESH SHALL WITHSTAND A BREAKDOWN LOAD OF 1,500 POUNDS.
  - B. THE **FABRIC** SHALL BE ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT OF UNCOATED WIRE SURFACE AFTER WEAVING.
  - C. TOP AND BOTTOM SHELLES SHALL BE TWISTED AND BARBED.
  - D. **BARBED WIRE** SHALL BE ZINC-COATED, STEEL BARBED WIRE IN ACCORDANCE WITH ASTM A 121, TYPE 1 (STANDARD), CONSISTING OF TWO STRANDS, 12-1/2 GAUGE ZINC-COATED STEEL WIRE WITH 14 GAUGE 4 POINT ROUND STEEL WIRE BARBS SPACING 6 INCHES ON-CENTER, WIRE SHALL BE ZINC-COATED BEFORE FABRICATING WITH A CLASS 3 ZINC COATING (0.70 OZ/SQ FT).
  - E. **TENSION WIRE** SHALL BE ZINC-COATED CARBON 7 GAUGE, STEEL BARBED TENSION WIRE IN ACCORDANCE WITH ASTM A 64, COATING SHALL BE TYPE B (ZINC-COATED), CLASS 3 (MINIMUM OF 2.0 OZ/SQ FT OF UNCOATED WIRE SURFACE).
  - F. **TURNSUCKLES** SHALL BE CARBON STEEL WITH AN OPEN-TURNBUCKLE BODY IN ACCORDANCE WITH ASTM F 1145, AND ZINC-COATED WITH A MINIMUM WEIGHT OF COATING OF 12 OZ/SQ FT.
6. **FITTINGS AND ACCESSORIES:**
  - A. **FITTINGS AND ACCESSORIES** SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM F 606.
  - B. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT OF SURFACE AREA.
  - C. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - D. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - E. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - F. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - G. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - H. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - I. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - J. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - K. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - L. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - M. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - N. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - O. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - P. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - Q. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - R. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - S. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - T. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - U. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - V. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - W. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - X. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - Y. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
  - Z. **POST AND LINE CAPS, END BRACES, AND TOP RAIL** SURFACES SHALL BE FABRICATED FROM PRESSED STEEL AND ZINC-COATED WITH A MINIMUM OF 12 OZ/SQ FT. SPACES NOT MORE THAN 15 INCHES ON CENTER.
7. **SWING GATES:**
  - A. **SWING GATES** SHALL BE MANUFACTURED WITH ZINC





I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA.

Date: 2025.10.31  
379EY-004D-01

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KRUNAL K. PATEL ON THE DATE ADJACENT TO THE SEAL TO THE SEAL USING A SHA AUTHENTICATED KEY CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

#### NOTES

1. FOR CIVIL GENERAL NOTES, LEGEND, SYMBOLS AND ABBREVIATIONS, SEE DRAWING 379-EY-001AB.
2. ALL WORK SHALL BE PERFORMED BY SPECIFICATION CPO-302 UNLESS NOTED OTHERWISE.
3. FOR FENCE AND GATE NOTES, SEE 379-EY-004C.

#### REFERENCE DRAWINGS

379EY-004C CHAIN LINK FENCE DETAILS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED. REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK. THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR/INSTALLERS PERSONNEL OR THAT OF ITS SUBCONTRACTOR(S) PERFORMING THE WORK.



| FILE NAME | 379EY-004D     | DATE       | 10/31/2025 |
|-----------|----------------|------------|------------|
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| ISSUE     | DESCRIPTION    | DATE       | BY         |
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#### CHAIN LINK FENCE DETAILS

SHEET 2

FUEL DIVERSITY & PERFORMANCE IMPROVEMENT PROJECT  
POLK POWER STATION  
TAMPA ELECTRIC COMPANY

# ATTACHMENT I – CONDITION COMPLIANCE TABLE

## COMPLIANCE WITH GENERAL PERMIT 62-330.457 CONDITIONS

### 62-330.457 General Permit for Subaqueous Utility Crossings of Artificial Waterways

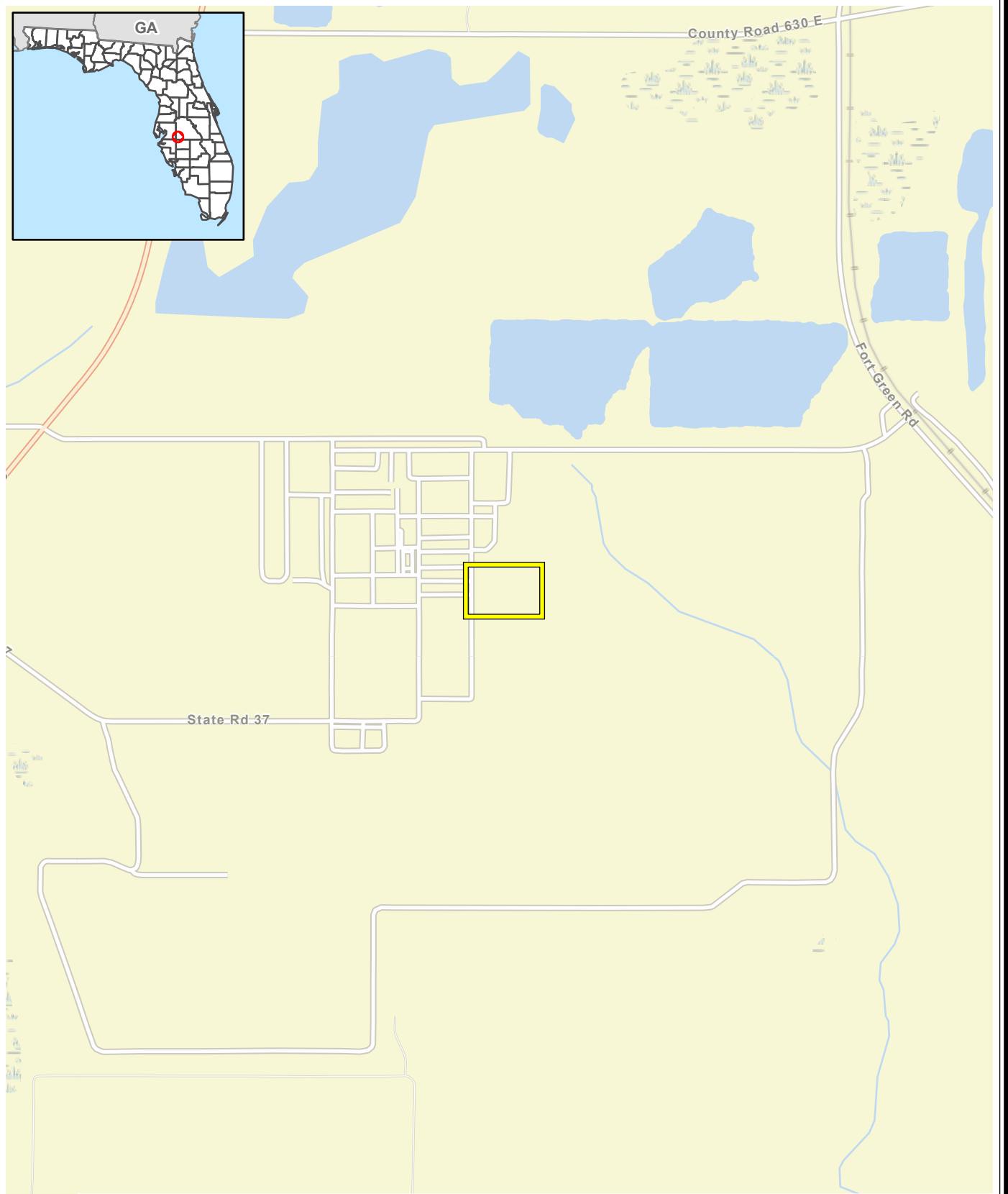
The conditions and project compliance with those conditions are described below.

| Rule Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Project Compliance                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Permit 62-330.457</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                    |
| (1) A general permit is granted to any person constructing, repairing or replacing a subaqueous utility crossing of artificial waters and residential canal systems, provided:                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                    |
| (a) The crossing is not located in Class I waters, Class II waters or waters approved, conditionally approved, restricted, or conditionally restricted by the Department of Agriculture and Consumer Services for shellfish harvesting if the utility line conveys petroleum, domestic wastewater, phosphate matrix slurry, phosphatic clay or sand tailings, recirculated water from beneficiation processes, or other substances which, if leaked, could contaminate drinking water supplies or result in closure of shellfish harvesting waters; | The crossing is not located in Class I or Class II waters or any other water feature protected by FDACS. The surface water impacted is a manmade water conveyance. |
| (b) The crossing shall be limited to non-navigable watercourses or to those waterways in which navigation can be maintained at all times without the necessity of constructing temporary berms, dikes, or dams, or removing or relocating turbidity control devices to allow boat passage. Customary navigation through the waterway shall be maintained at all times during installation;                                                                                                                                                          | Noted. The impacted ditch is not navigable.                                                                                                                        |
| (c) No dredging or filling shall be conducted in wetlands or other surface waters, located landward of the top of the banks of the waterway. Dredging and back filling of littoral zones and wetland vegetation growing on the side slopes of the artificial waterway is authorized as necessary to install the subaqueous utility line crossing;                                                                                                                                                                                                   | Noted.                                                                                                                                                             |
| (d) The maximum length of the utility crossing shall not exceed 150 feet from top of bank to top of bank. Excavated trench dimensions shall be limited to a depth of not more than ten feet below existing bottom contours and a trench top width of not more than ten feet;                                                                                                                                                                                                                                                                        | The distance crossed through the water conveyance is $\pm 32$ feet.                                                                                                |

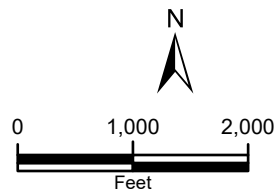
|                                                                                                                                                                                                                                                                                                                |                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (e) The maximum width of the area disturbed by equipment during construction shall be no more than 30 feet wide;                                                                                                                                                                                               | The width of the water conveyance crossing approximately 30 ft wide.                                                              |
| (f) Temporary or permanent spoil disposal sites shall be located exclusively on uplands and shall be sited, designed, and managed to have the capacity to retain all dredged material; and                                                                                                                     | Noted. All spoil material will be managed in upland areas.                                                                        |
| (g) All previously excavated contours are restored with onsite native backfill, coarse sand, or clean, non-toxic rock bedding or cap material, as appropriate, within 72 hours following installation of the utility line.                                                                                     | Noted. Once electric duct bank and water pipeline are installed, the area will be restored to the original contours.              |
| (2) Installation, maintenance, repair, and removal conducted using directional drilling or jack-and-bore methods under this general permit are subject to the following special conditions:                                                                                                                    | 2 (a) – (h) is not applicable. The electrical duct bank and water pipeline will be installed using open cut construction methods. |
| (a) The maximum outside diameter of the cable, conduit, or pipeline, including encasement, shall not exceed 30 inches.                                                                                                                                                                                         | Not Applicable.                                                                                                                   |
| (b) A minimum depth of cover, equal to the greater of either five feet, or five times the maximum encased diameter of the utility line to be installed, shall be maintained between the top of the utility line and casing and the soil surface or submerged bottom of any wetland or waterbody being crossed. | Not Applicable.                                                                                                                   |
| (c) All work areas associated with directional drilling or jack-and-bore activities, including entrance and exit pits, drill rigs, tanks, pumps, drilling fluid mixing and settling pits, dewatering systems and staging areas for pipe, cables, and drill string, shall be located within uplands.            | Not Applicable.                                                                                                                   |
| (d) The use of drilling fluids shall not cause or contribute to a violation of state ground water quality criteria or standards, as defined in Chapter 62-520, F.A.C.                                                                                                                                          | Not Applicable.                                                                                                                   |
| (e) At least 48 hours prior to commencement of any directional drilling or jack-and-bore activities,                                                                                                                                                                                                           | Not Applicable.                                                                                                                   |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| the permittee shall submit to the agency the name, as registered with the Florida Department of State, and all-hours telephone contact information of all contractors responsible for drilling and for containment and cleanup in the event of a drilling fluid frac-out or spill.                                                                                                                                                                                                                                                                                                                                                     |                                                       |
| (f) The permittee or the contractor shall, at all times during directional drilling activities, maintain appropriate equipment and materials in a readily-accessible location and condition, to effectively contain and clean up a drilling fluid frac-out or spill.                                                                                                                                                                                                                                                                                                                                                                   | Not Applicable.                                       |
| (g) The permittee or the permittee's contractor shall, at all times during directional drilling activities, ensure that appropriately-trained personnel monitor downhole equipment position, drilling fluid circulation and pressures, and actively monitor the entire utility line route for surface frac-out of drilling fluids.                                                                                                                                                                                                                                                                                                     | Not Applicable. Directional drilling is not proposed. |
| (h) In the event of a drilling fluid frac-out or spill, drilling activities shall be discontinued and the drilling fluid or slurry shall be contained using appropriate methods as soon as possible. Removal of drilling fluid or slurry from wetlands and other surface waters shall be initiated and completed in the most expeditious manner practicable. Removed drilling fluid shall be contained or disposed of in an appropriate upland location. Any frac-out or spill of drilling fluid into wetlands or other surface waters shall be reported to Agency staff within 24 hours following detection of the spill or frac-out. | Not Applicable.                                       |
| (3) Utilities must be located a minimum of 14 feet below the authorized depth of a federal navigation channel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Applicable.                                       |

## FIGURES



 Approx. Project Boundary

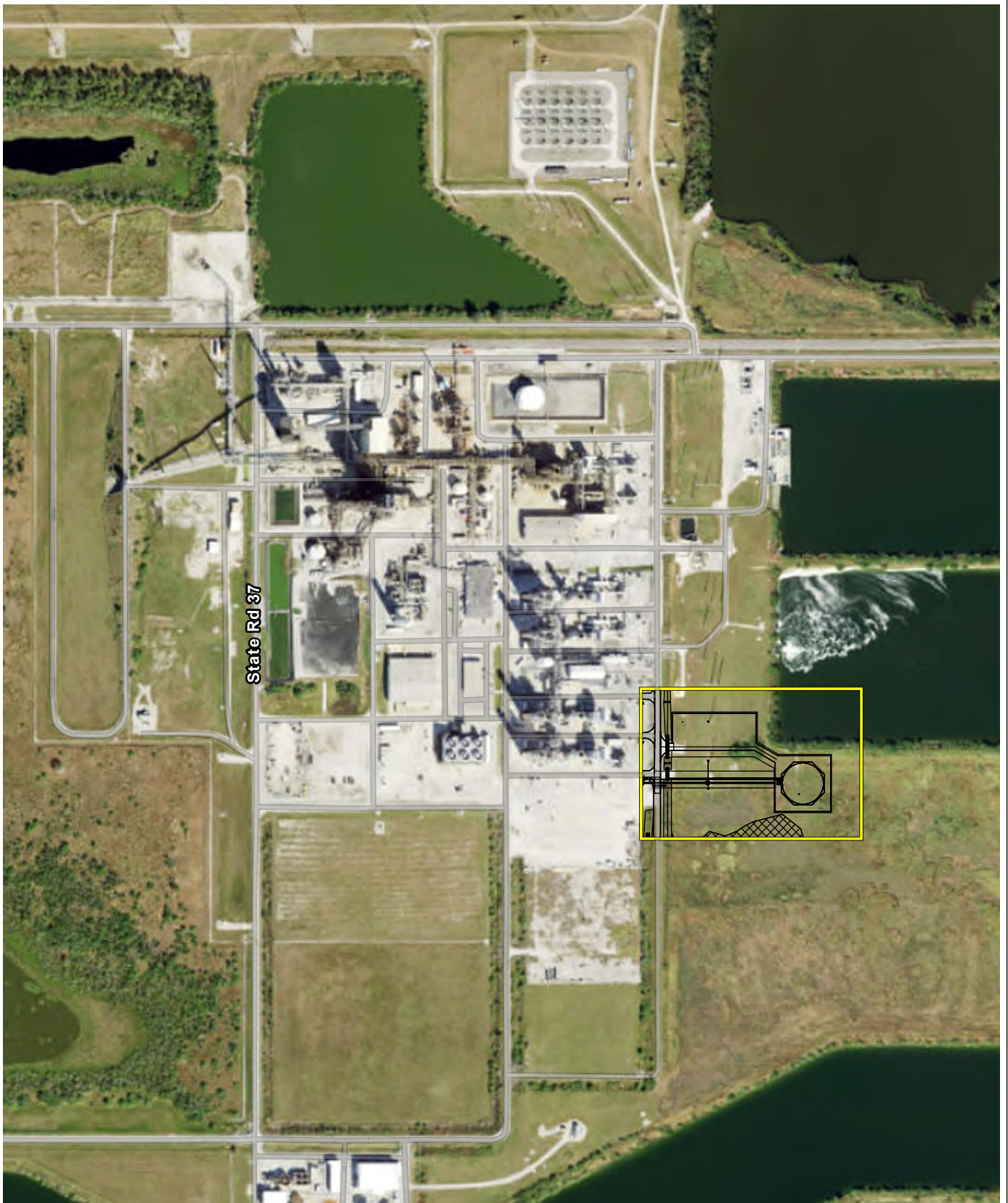


Base Layer: ESRI Streetmap

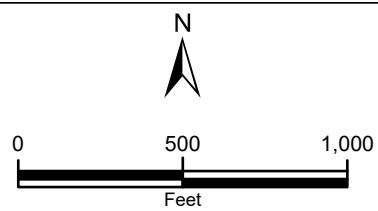
### Figure 1 Site Location

TECO Polk Plant Demin Tank SCA  
Polk County, Florida  
Date: 9/25/2025





 Approx. Project Boundary

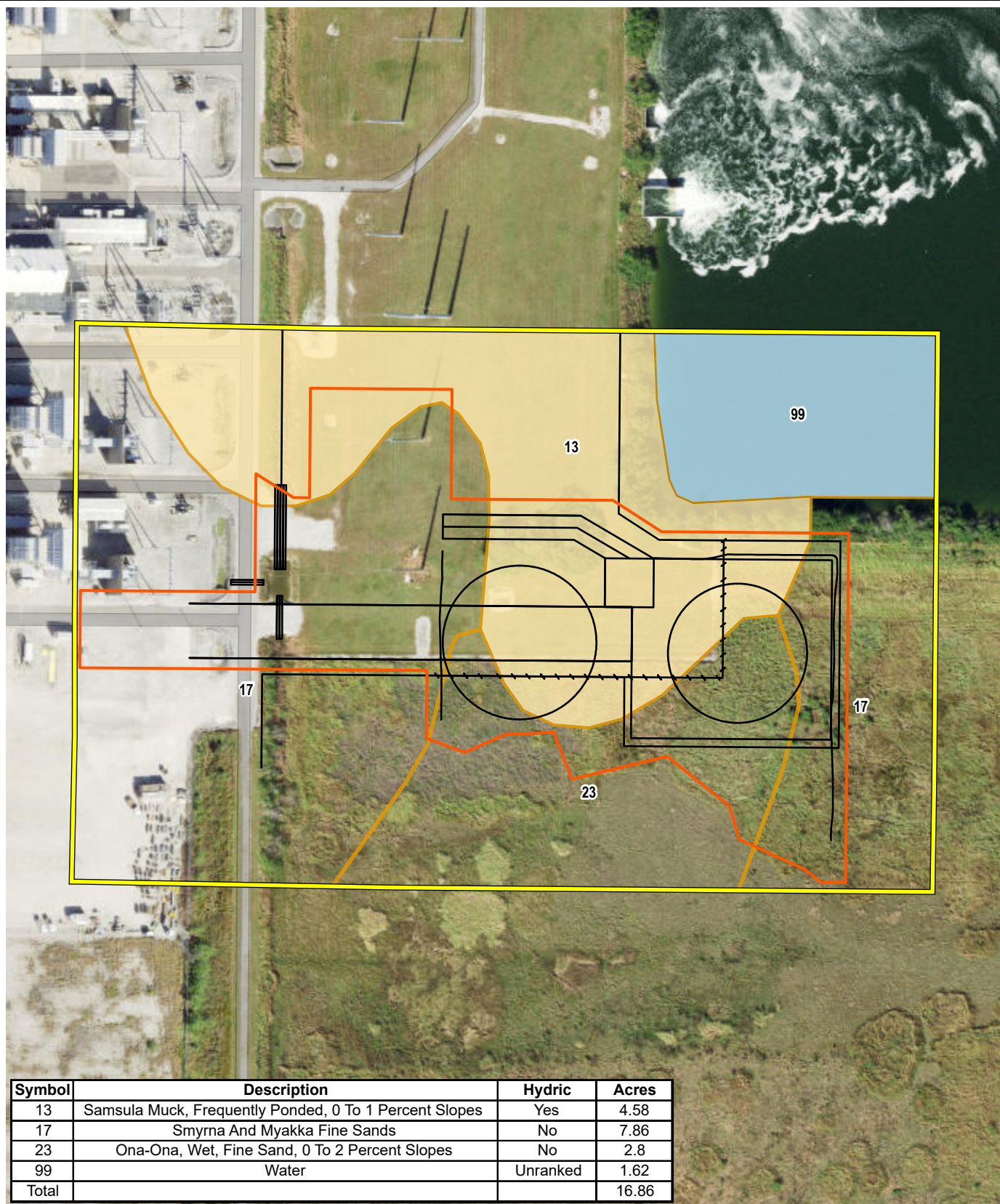


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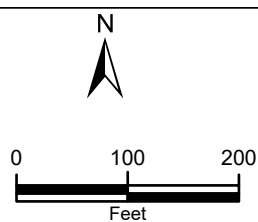
## Figure 2 Site Map

TECO Polk Plant Demin Tank SCA  
Polk County, Florida  
Date: 9/25/2025

**ECT**



- LOD
- Approx. Project Area
- Soil
- Unranked Water
- Hydric Soil

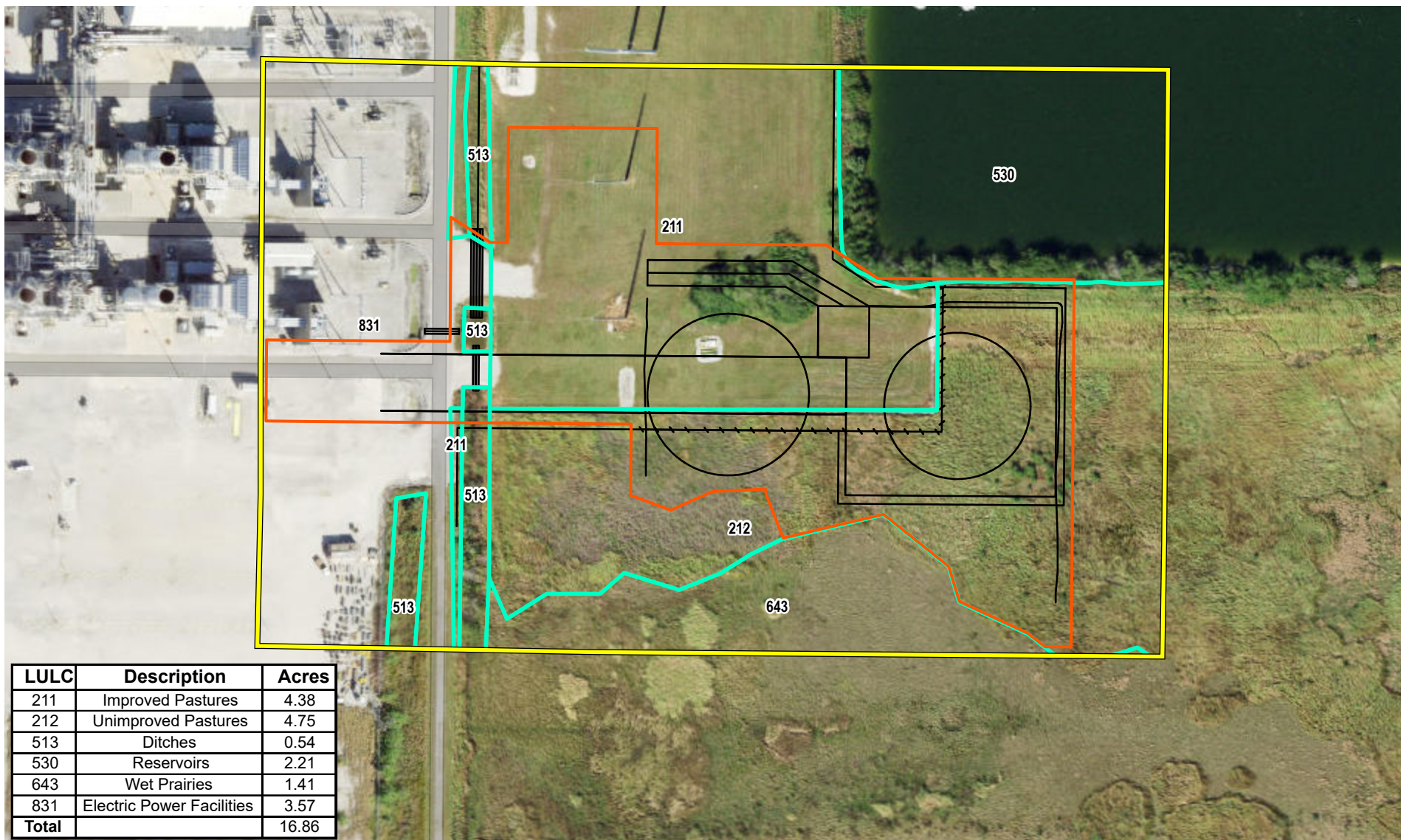


**Figure 2  
Soils**

TECO Polk Plant Demin Tank SCA  
Polk County, Florida  
Date: 12/4/2025

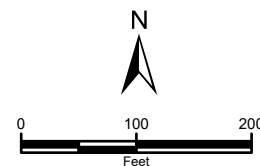
**ECT**

Sources: NRCS 2023; Esri World Imagery 2023; ECT 2025



#### Legend

- Approx. Project Area
- Limits Of Disturbance
- Land Use/Land Cover

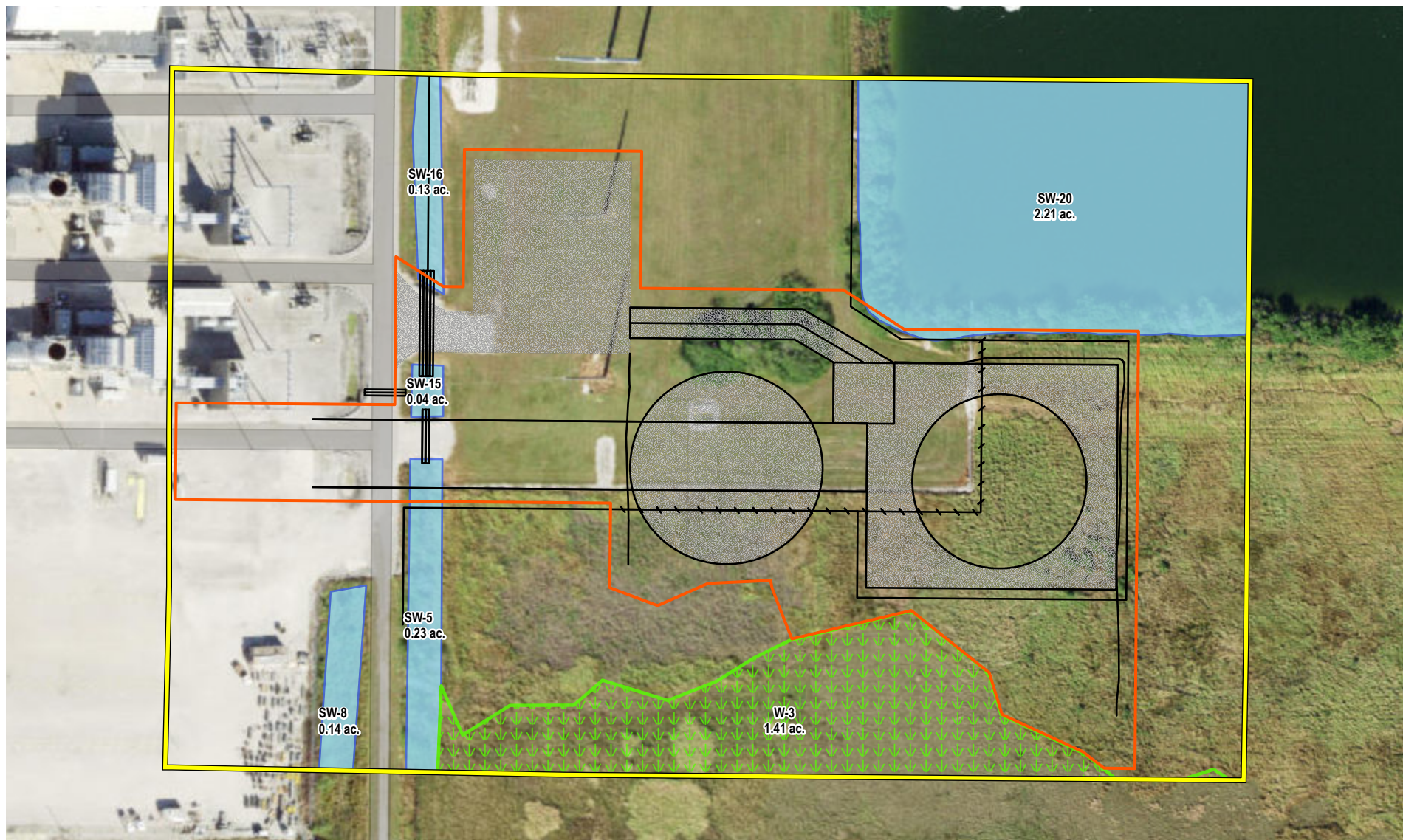


Sources: Esri World Imagery, 2023; ECT, 2025.

#### Figure 4 Land Use/Land Cover

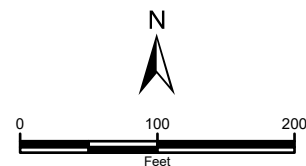
TECO Polk Plant Demin Tank SCA  
Polk County, Florida

**ECT**



#### Legend

- Approx. Project Area
- Limits Of Disturbance
- Gravel Limits ( $\pm 2.36$  ac.)
- Surface Water ( $\pm 2.75$  Acres)
- Wetland ( $\pm 1.41$  Acres)

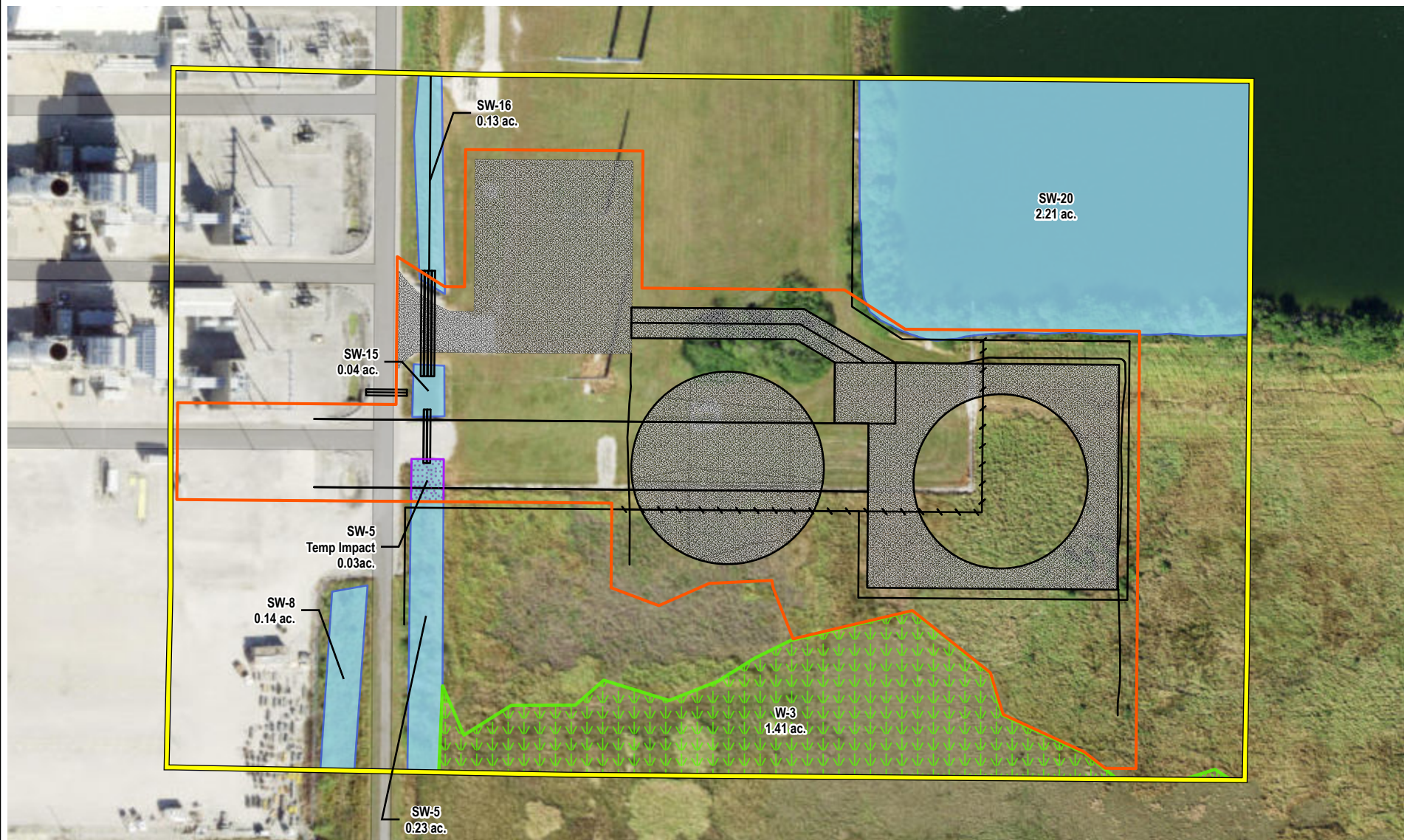


Sources: Esri World Imagery, 2023; ECT, 2025.

#### Figure 5 Wetlands & Surface Waters

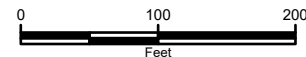
TECO Polk Plant Demin Tank SCA  
Polk County, Florida

**ECT**



#### Legend

- LOD
- Approx. Project Area
- Gravel Limits ( $\pm 2.36$  ac.)
- Surface Water ( $\pm 2.75$  Acres)
- Temp Impact
- Wetland ( $\pm 1.41$  Acres)

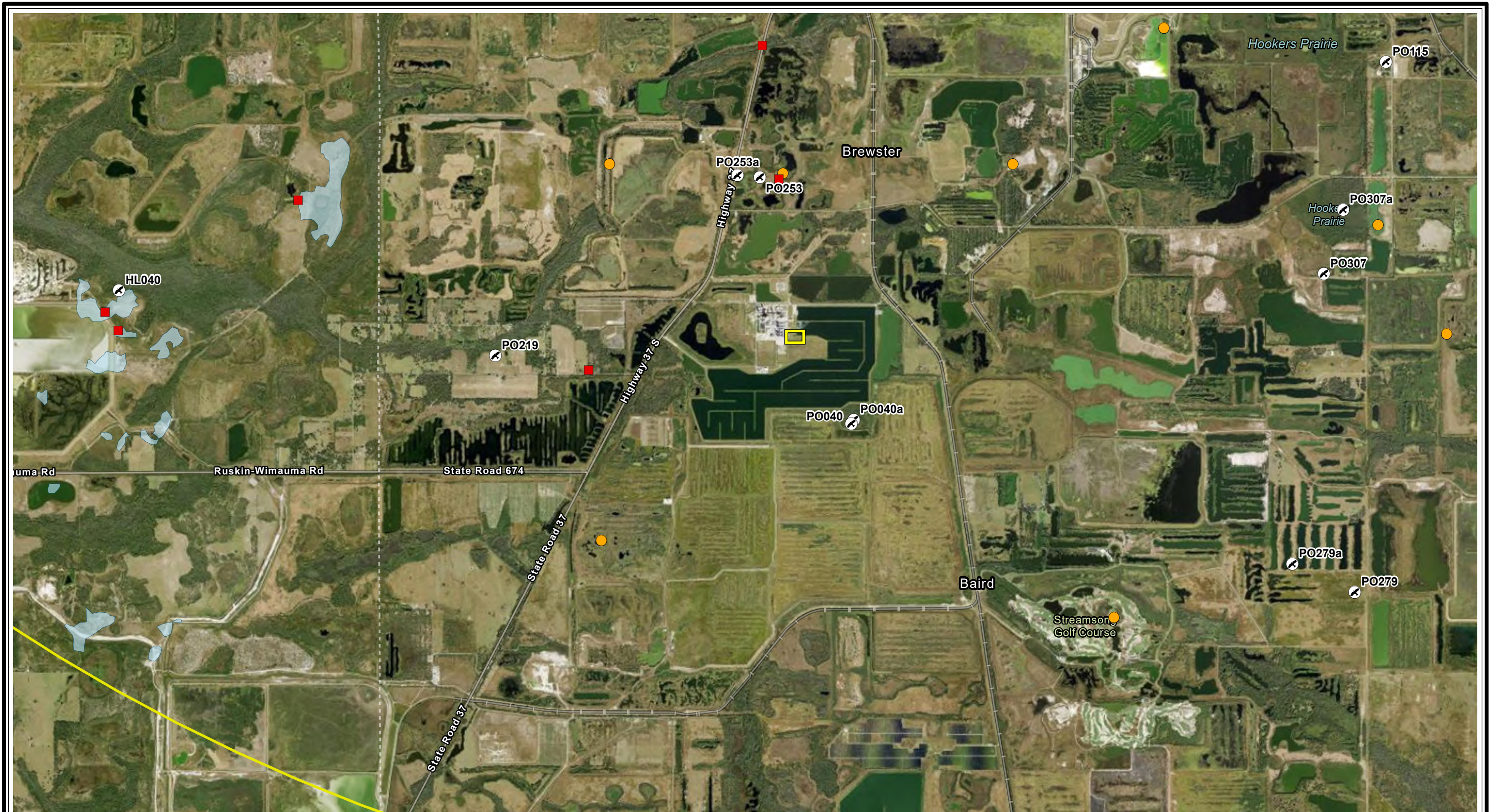


Sources: Esri World Imagery, 2023; ECT, 2025.

#### Figure 6 Wetland Impacts

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Polk County, Florida

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|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li> Bald Eagle Nest</li><li> USFWS Wood Stork Nesting Colonies</li><li> Wading Bird Rookery</li><li> Eastern Indigo Snake Sighting</li><li> Scrub Jay Habitat (FWC)</li><li> Wood Stork Core Foraging Area</li><li> Approx. Project Boundary</li></ul> | <p>Site Lies Within</p> <ul style="list-style-type: none"><li>USFWS Wood Stork Core Foraging Area</li><li>USFWS Consultation Area</li><li>Florida Scrub Jay</li><li>Florida Grasshopper Sparrow</li><li>Everglades Snail Kite</li><li>Crested Caracara</li><li>Blue-Tailed Mole Skink</li></ul> <div data-bbox="1989 1673 2206 1854"><p>N</p><p>0 0.5 1</p><p>Miles</p></div> <p>Sources: FWC, 2022/2023; Audubon 2024; USFWS, 2022/2023/2024; ECT, 2025.</p> | <p><b>Figure 7</b><br/><b>Listed Species Database</b></p> <p>TECO Polk Plant Demin Tank SCA<br/>Polk County, Florida</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|